A

List of Acronyms

ABATE
- Correcting Unsafe Conditions — GISO, §3203(a)(6)
- Hazardous Waste Operations — See under **HAZARDOUS WASTE OPERATIONS** & Emergency Response

ABOVEGROUND STORAGE TANKS — See also under **TANKS**
- Aboveground Tanks, per GISO
  - Drainage, Dikes & Walls for — GISO, §5595
  - Emergency Relief Venting, Fire Exposure — GISO, §5593
    - Capacity of — GISO, §5593, Table FL-16 & FL-17
  - Location of with Respect to Buildings — GISO, §5591
  - Outside Installation — GISO, §5589
  - Retaining Walls for — GISO, §5595
  - Spacing between Tanks — GISO, §5590
  - Tank Openings Other Than Vents — GISO, §5596
  - Venting for Aboveground Tanks — GISO, §5592
    - Venting, Capacity of — GISO, §5593, Table FL-16 & FL-17
  - Vent Piping for Aboveground Tanks — GISO, §5594
- Aboveground Tanks, per PSO-R,T&H
  - Anchorage, Supports & Foundations for — PSO-R,T&H, §6809
  - Drainage, Dikes & Walls for Above Ground Tanks — PSO-R,T&H, §6805
  - Installation of Tanks Inside Buildings — PSO-R,T&H, §6808
  - Tank Openings for Above Ground Tanks — PSO-R,T&H, §6806
- Aboveground Tanks, per PSO-D&P
  - Drainage, Dikes & Walls — PSO-D&P, §6548
- Aboveground Tanks, per UFPV
  - Liquefied Petroleum Gas (LPG) — UFPV, §477(a), (b)

ABRADING MACHINES, Metal Work, (Class A) — See under **METAL WORKING MACHINES**

ABRASIVE BLASTING OPERATIONS
- Automatic systems required for Organic Abrasives — GISO, §5151(c)
- Enclosures, Blast-Cleaning — GISO, §5151(a)
- Nozzle, Manual Valve — GISO, §3301(d)
- Nozzle Support, when unused — GISO, §3301(d)
- Organic Abrasives, combustible — GISO, §5151(c)
- Personal Protective Equipment — GISO, §3301(c)
- " " " " " — GISO, §5151(b)
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  - Ventilation & Personal Protection — GISO, §5151
    - Abrasives, Organic — GISO, §5151(c)
    - Enclosures, Blast-Cleaning — GISO, §5151(a)
    - Personal Protective Equipment — GISO, §5151(b)
- Respiratory Protection — GISO, §5151(b)

ABRASIVE WHEELS, Use, Care, & Protection — GISO, Article 21
- Application, Scope & Definitions — GISO, §3575
- Abrasive Wheels, Portable — GISO, §3583
- Exposure to wheel — GISO, §3578, Appx A, B, E
- Flanges, General Requirements — GISO, §3579, Appx A,
- Flanges, Portable Abrasive Wheels — GISO, §3583, Tables
  - Examples (Illustrations) — GISO, §3583, Appx C, D
- Grinding Machine Requirements, General Requirements — GISO, §3576
- Guarding of — GISO, §3577(b), Appx F, G
- Hoods, Protective — GISO, §3577(b), (c)
- Illustrations — GISO, §3583, Appx A - G
- Inspection of — GISO, §3580(a)
- Mounting Flanges — GISO, §3579, Appx A
- Mounting of — GISO, §3580
- Portable Abrasive Wheels — GISO, §3583
- Portable Grinders — GISO, §3576(b)
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- Speed
  - At Safe Speeds, Per Design, Machine & Equipment Requirement — GISO, §3328(a)
  - Check Design Speed of Wheel before Mounting — GISO, §3580(a)
  - Check Design Speed of Portable Abrasive Wheel before Mounting — GISO, §3583(f)
  - Maximum Wheel Speed — GISO, §3583(f), Table A-6
- Stationary Grinders — GISO, §3576(a)
- Storage of Wheels — GISO, §3582
- Ventilation & Personal Protective Equipment — GISO, §5152
  - Branch Duct Performance Requirements — GISO, §5152(b)
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  - Hood Performance Requirements — GISO, §5152(b)
  - Hood Design — GISO, §5152(c)
  - Hoods, Illustrations — GISO, §5152, Figures V-1 through V-8
  - Portable Grinder & Polishers — GISO, §5152(d)

Wheel Exposure, Permissible — GISO, §3578
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High Piles of Material or Equipment — GISO, §3339(b)
Rope Access Equipment, Use of — GISO, §3270.1
High Piles — GISO, §3339(b)
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Guarding — TelSO, §8616(a)
Joint Power & Tele-com Man Holes — TelSO, §8616(d)
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ACCESSIBLE SURFACE, Definition per SSO	SSO, §8354
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Ramp, Adequate Strength	CSO, §1603(a) & (b)
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ACCESS & EGRESS, per MSO	
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Mobile Equipment, Protected from, per TSO	TSO, §8411(b)
Provided & Maintained, Safe Means	TSO, §8411(a)
Walkways, Clearly Designated & unobstructed	TSO, §8411
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Special Access Elevators	See **ELEVATORS**, Special Access, Elevators & Lifts
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Wheelchair Lifts	See **ELEVATORS**, Special Access, Elevators & Lifts
ACCESS TO, Records & Information	
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  - Cal/OSHA notification — GISO, §3920
  - Permits, effect on — GISO, §3915(b)
- Blasting operations
  - Cal/OSHA Reporting — GISO, §5248(a),(b)
- Electrical installations & Equipment
  - Maintenance to prevent — ESO-LV, §2340.1
  - Overhead high-voltage lines — ESO-HV, Article 37
    - General Provisions for Program — ESO-HV, §2946
    - Notification to the Operators of High-Voltage Lines — ESO-HV, §2948
    - Responsibility for Safeguards — ESO-HV, §2948
    - Special Exemption — ESO-HV, §2949
    - Warning Signs Requirement — ESO-HV, §2947
  - Prevention tags — ESO-LV, §2320.6
- Prevention Program — See **INJURY & ILLNESS PREVENTION PROGRAM**
- Reporting, Cal/OSHA — See Cal/OSHA, §342
- Recording, Forms 300, 300A, 301 — See CCR, Title 8, Chapter 7, §14300.29
- Work stoppage — GISO, §5248(c)

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- Approved Danger Signs — GISO, §3340(d)
- Biological Hazard — GISO, §3340(c)(5)
  - Color Coding of Tags — GISO, §3341, Appx A
- Construction Operations, per CSO — CSO, §1509
  - Establish, Implement & Maintain — CSO, §1509(a)
  - Code of Safe Practices — CSO, §1509(b)
    - Posting of — CSO, §1509(c)
    - Safety Meetings — CSO, §1509(d), (e)
- Criteria for Tags — GISO, §3341(d)
- Danger Signs — GISO, §3340(c)(1)
- Design of Sign — GISO, §3340(d)
- Electrical, Overhead Power Lines, Proximity to — ESO-HV, Article 37
  - General Provisions for Program — ESO-HV, §2946
  - Notification to the Operators of High-Voltage Lines — ESO-HV, §2948
  - Responsibility for Safeguards — ESO-HV, §2948
  - Special Exemption — ESO-HV, §2949
  - Warning Signs Requirement — ESO-HV, §2947
- Electrical Installations & Equipment, Maintenance to prevent Accidents — ESO-LV, §2340.1
  - Accident Prevention tags — ESO-LV, §2320.6
- Industrial plants — GISO, §3203
- Laser, Warning signs
  - Construction Operations — CSO, §1801(d)
  - Tunneling Operations — TSO, §8416(b)
- Lettering/Wording of Warning Signs — GISO, §3340(d)(1), (e)
- Logging & Sawmill Operations — LSSO, §6250
- Marine terminal operations — GISO, §3464
- Mine Accident Prevention Program — MSO, Article 4
  - Competent Person Requirement — MSO, §6966
  - Reporting of Unsafe Conditions — MSO, §6965
  - Safety Bulletin Board Requirements — MSO, §6962
  - Safety Committee — MSO, §6964
  - Safety Representatives, Certification of — MSO, §6967
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- Petroleum production/drilling — PSO-D&P, §6507
- Petroleum refining, transportation, handling — PSO-R,T&H, §6760
- Ship building, repairing, & breaking — SSO, §8350
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- Slow Moving Vehicle Emblem — GISO, §3340(d)(6)
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- Symbol — GISO, §3340(d)(7)
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- Tree trimming, maintenance, or removal — GISO, §3421
  - Warning, Automatic Start — GISO, §3320
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ACETONE CYANOHYDRIN, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
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ACETONITRILE, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
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		Prohibited Statements, Information	GISO, §5209(e)(4)
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	Freeze Protection for Generators		GISO, §4808
	Gas Holders		GISO, §4813
	Generator Escape or Relief Pipes		GISO, §4811
	Housing of Generators		GISO, §4803
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	Maintenance of		GISO, §4812
	Operation Requirements of		GISO, §4812
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	Ventilation in Houses / Compartments		GISO, §4807
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	Contact w/ oil, grease		CSO, §1743(c)
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Connections & Hoses			CSO, §1742
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	Electrical circuits, Prohibition		CSO, §1740(e)
	Construction of		GISO, §4649(a), (b), (c)
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	Marking of		GISO, §4649(d)
	Protection		CSO, §1740(c), (h), (i), (j)
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Unalloyed copper contact with			CSO, §1743(f)
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ACROLEIN, Airborne Contaminant**,** Exposure limit			GISO, §5155, & Appx A
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ACRYLAMIDE, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
ACRYLIC ACID, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
ACRYLONITRILE			GISO, §5213
”	”		See Also **CARCINOGENS**, Regulated
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	Emergencies, Reporting per §5203		GISO, §5213(d)
	Written Procedures		GISO, §5213(i)(1)
Employee Information & Training			GISO, §5213(o)
	Training Program		GISO, §5213(o)(1)
	Access to Training Materials		GISO, §5213(o)(2)
Exposure Limits			GISO, §5213(c)
	Permissible Exposure Limits -Inhalation		GISO, §5213(c)(1)
	Dermal & Eye Exposure		GISO, §5213(c)(2)
Exposure Monitoring			GISO, §5213(e)
	General		GISO, §5213(e)(1)

	Initial Monitoring				GISO, §5213(e)(2)
	Frequency				GISO, §5213(e)(3)
	Additional Monitoring				GISO, §5213(e)(4)
	Employee Notification				GISO, §5213(e)(5)
	Accuracy of Measurement				GISO, §5213(e)(6)
Housekeeping					GISO, §5213(k)
Hygiene Facilities & Practices					GISO, §5213(m)
Medical Surveillance					GISO, §5213(n)
	General				GISO, §5213(n)(1)
	Examinations				
		Initial Examinations			GISO, §5213(n)(2)
		Periodic Examinations			GISO, §5213(n)(3)
		Additional Examinations			GISO, §5213(n)(4)
	Information Provided to the Physician				GISO, §5213(n)(5)
	Physician's Written Opinion				GISO, §5213(n)(6)
Methods of Compliance					GISO, §5213(g)
	Engineering & Work Practice Controls				GISO, §5213(g)(1)
	Compliance Program				GISO, §5213(g)(2)
Observation of Monitoring					GISO, §5213(r)
Protective Clothing & Equipment					GISO, §5213(j)
Respiratory Protection					GISO, §5213(h)
	General				GISO, §5213(h)(1)
	Respirator program				GISO, §5213(h)(2)
	Respirator selection				GISO, §5213(h)(3)
Record keeping					GISO, §5213(q)
	Objective Data, Exempted Operations				GISO, §5213(q)(1)
	Exposure Monitoring				GISO, §5213(q)(2)
	Medical Surveillance				GISO, §5213(q)(3)
	Availability of Records				GISO, §5213(q)(4)
	Transfer of Records				GISO, §5213(q)(5)
Regulated Areas					GISO, §5213(f)
Reporting of Use & Emergencies,			per §5203		GISO, §5213(d)
Signs & Labels					GISO, §5213(p)
	General				GISO, §5213(p)(1)
	Signs				GISO, §5213(p)(2)
	Labels				GISO, §5213(p)(3)
ACRYLYL CHLORIDE					
Process Safety Management					GISO, §5189, Appx A
ACTINOLITE, Non Asbestiform					GISO, §5208.1
”	”			See Also **CARCINOGENS**, Regulated	
Asbestos Standard					GISO, §5208(a)(4)
Caution Signs					GISO, §5208.1(h)
Caution Labels					GISO, §5208.1(i)
Change Rooms & Special Clothing					GISO, §5208.1(e)
Employee Information & Training					GISO, §5208.1(n)
	Training Program				GISO, §5208.1(n)(1)
	Access to Training Materials				GISO, §5208.1(n)(2)
Employee Notification					GISO, §5208.1(k)
Engineering Controls					GISO, §5208.1(b)
Exposure Monitoring					GISO, §5208.1(g)
	Exposure Limits				GISO, §5208.1(a)
	Monitoring				GISO, §5208.1(g)(1)
	Record Keeping				GISO, §5208.1(g)(2)
	Records, Transfer of				GISO, §5208.1(m)
Permissible Exposure Limits					GISO, §5208.1(a)
Respiratory Protective Equipment					GISO, §5208.1(d)
Laundering contaminated clothing					GISO, §5208.1(f)
Monitoring & Record Keeping					GISO, §5208.1(g)
	Exposure Limits				GISO, §5208.1(a)
	Monitoring				GISO, §5208.1(g)(1)
	Record Keeping				GISO, §5208.1(g)(2)
	Records, Transfer of				GISO, §5208.1(m)
Medical Surveillance					GISO, §5208.1(j)
	Medical Examinations				GISO, §5208.1(j)(1)
	Record keeping				GISO, §5208.1(j)(2)
Notification of Employees					GISO, §5208.1(k)
Record Keeping					GISO, §5208.1(g)
	Record Keeping				GISO, §5208.1(g)(2)
	Records, Transfer of				GISO, §5208.1(m)
Reports of Use Per §5203					GISO, §5208.1(l)
Respiratory Protective Equipment					GISO, §5208.1(d)
Personal Protective Equipment					
	Respiratory Protective Equipment				GISO, §5208.1(d)
	Special Clothing				GISO, §5208.1(e)
Training & Employee Information					GISO, §5208.1(n)
	Training Program				GISO, §5208.1(n)(1)
	Access to Training Materials				GISO, §5208.1(n)(2)

Transfer of Records		GISO, §5208.1(m)
Work Practices		GISO, §5208.1(c)
ACTION PLAN, Emergency		GISO, §3220
Application & Scope		GISO, §3220(a)
Elements, Essential		GISO, §3220(b)
Alarm System		GISO, §3220(c)
Evacuation		GISO, §3220(d)
Training		GISO, §3220(e)
ACUTELY HAZARDOUS CHEMICALS		
List of		GISO, §5189, Appx A
Process Safety Management of		See **PROCESS SAFETY MANAGEMENT**
ADAPTERS		
Electrical, 2 to 3 Pole, Prohibition		ESO-LV, §2510.58(d)
ADIPIC ACID, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
ADIPONITRILE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
ADJUSTING, Equipment		See **LOCK-OUT/TAG-OUT**
Prime Movers, Machinery & Equipment		GISO, §3314
ADMINISTRATIVE CONTROLS		See **HAZARD CONTROL**
Noise control		GISO, §5096(b)
When engineering controls not feasible		GISO, §5141(b)
ADVANCE PLANNING OF PROJECTS		CSO, §1938, Appx A
ADVERTIZING STRUCTURES / SIGNS, Outdoor		GISO, Article 11
Fall Protection Requirements		GISO, §3416
General		GISO, §3412
Ladders		GISO, §3413
Ladder Scaffolds		GISO, §3414
Poster Ladder Scaffolds		GISO, §3414
Suspended Scaffolds		GISO, §3415
AERIAL DEVICES & ELEVATING WORK PLATFORM		
	Application	GISO, §3636
	Definitions	GISO, §3637
Control Devices, Elevating Work Platforms		GISO, §3642(d)
Design / Factors of Safety		GISO, §3639
Elevated Work Platform Equipment		GISO, §3642
Emergency Stopping Device		GISO, §3642(e)
Equipment Requirement, Elevating Work Platforms		GISO, §3642
Factors of Safety of Design		GISO, §3639
Fall Protection		
	Aerial Device	GISO, §3648(o)
	Elevating Work Platforms	GISO, §3642(a)
General Requirements		GISO, §3638
Guardrail, Elevating Work Platforms		GISO, §3642(a)
Guarding of Moving Parts		GISO, §3643
High-Voltage Operations, used during		ESO-HV, §2940.7(b)
	Defined	ESO-HV, §2700
Inspection		GISO, §3640
	Records of	GISO, §3640(d)(1)
Load limits		GISO, §3648(f)
Maintenance		GISO, §3640
Operating Instructions, Aerial Devices		GISO, §3648
Operating Instructions, Elevating Work Platforms		GISO, §3646
Orchard Manlifts (Pruning Towers)		GISO, §3641
Platforms, Pin-On		GISO, §3647
Pruning Towers (Orchard Manlifts)		GISO, §3641
Repair		GISO, §3640
	Records of	GISO, §3640(d)(1)
Safety Belt/ Harness, Aerial Device		GISO, §3648(o)
Stability on Inclined Surfaces		GISO, §3645
AERIAL DEVICES, Tree Work		GISO, §3424(b)
” ”		See also **TREE WORK**, Maintenance & Removal
High-Voltage Operations		ESO-HV, §2940.7(b)
AERIAL Lifts, Fixed Grip		See under **PASSENGER TRAMWAY SAFETY ORDERS**
AERIAL TRAMWAYS, Detachable Grip		See under **PASSENGER TRAMWAY SAFETY ORDERS**
AERIAL TRAMWAYS, Subject to MSO		MSO, §7035
Communication, Telephone		MSO, §7035(a)
Employee transport requirements		MSO, §7035(b)
Guarding work areas		MSO, §7035(d)
Standby power supply		MSO, §7035(c)
AEROSOL TRANSMISSIBLE DISEASES (ATD)		GISO, §5199
Application & Scope		GISO, §5199(a)
ATP (Aerosol transmissible pathogen)		GISO, §5199(b)
Definitions		GISO, §5199(b)
Exposure Control Plan		GISO, §5199(d)
Exposure Incidents		GISO, §5199(f)(6)
Engineering Controls		GISO, §5199(e)

	Laboratories				GISO, §5199(f)
	Medical Services				GISO, §5199(h)
	Medical Evaluation Questionnaire				GISO, §5199, Appx B
	Personal Protective Equipment				GISO, §5199(e)
	Record keeping				GISO, §5199(j)
	Work Practice Controls				GISO, §5199(e)
	Referring Employers				GISO, §5199(c)
	Respiratory Protection				GISO, §5199(g)
	Training				GISO, §5199(i)
	TB Test				GISO, §5199(f)(3)
	Tuberculosis, Respiratory Protection from				GISO, §5147
	Vaccinations, Mandatory & Non-Mandatory Requirements Listed				GISO, §5199, Appx E, F
		Declination of Vaccinations, Mandatory Forms			GISO, §5199, Appx C1, C2
AEROSOL TRANSMISSIBLE DISEASES – ZOONOTIC					GISO, §5199.1
	Application, Scope & Definitions				GISO, §5199.1(a)
	ATP (Aerosol transmissible pathogen)				GISO, §5199.1(a)(4)
	Disease control procedures				
		Work Operations involving ATP infected Animal			GISO, §5199.1(d)
		Wildlife, Exposure to potentially infectious wildlife			GISO, §5199.1(b)
		Quarantine order, Operations, due to an ATP infection			GISO, §5199.1(c)
	Employee Safeguards, at no cost to employee				GISO, §5199.1(a)(3)
	Medical Services				GISO, §5199.1(d)(8)
		Exams, Evaluations			GISO, §5199.1(d)(8)(A), (B), (C), (E)
		Vaccinations			GISO, §5199.1(d)(8)(D)
	Record keeping				GISO, §5199.1(e)
	Respiratory Protection				GISO, §5199.1(d)(4)
		Quarantine order, due to an ATP infection, during Operations Involving			GISO, §5199.1(c)(2)(C)
		Toxic or Asphyxiant Gases, protection per GISO,		§5144(g)	GISO, §5199.1(c)(2)(C)
		Wildlife, Exposures, Use of N95 Respirator or Better			GISO, §5199.1(b)(3)
		Work Operations involving ATP infected Animal			GISO, §5199.1(d)(4)
			Written Procedure		GISO, §5199.1(d)(1)(C)(4)
	Training				GISO, §5199.1(d)(9)
	Quarantine order, due to an ATP infection, Disease control procedures				GISO, §5199.1(c)
	Vaccinations, Medical Services				GISO, §5199.1(d)(8)
	Wildlife, Exposure to potentially infectious wildlife				GISO, §5199.1(b)
AGE, EMPLOYEE MINIMUM AGE, per SSO					SSO, §8397.4(j)
AGITATION & HEATING OF LIQUIDS IN TANKS					PSO-D&P, §6544
AGRICULTURAL OPERATIONS					GISO, Article 13
AGRICULTURAL SAFETY ORDERS (AgSO)					
		Application			GISO, §3436
		Definitions			GISO, §3437
AgSO	Agricultural Irrigation Machines				ESO-LV, Article 78
		Definitions			ESO-LV, §2568.2
		Disconnecting Means			ESO-LV, §2568.8
		Energy from More Than One Source			ESO-LV, §2568.16
		Grounding			ESO-LV, §2568.12
		Irrigation Cable			ESO-LV, §2568.4
		Lightning Protection			ESO-LV, §2568.15
AgSO	Agricultural machinery & equipment				GISO, §3340
		Operation of Agricultural Equipment	Operation Requirement		GISO, §3441
AgSO	Agricultural Tractor			See Tractor under this Heading	
		Access to moving parts			GISO, §3440(f)
		Slow Moving Vehicle Emblem			GISO, §3340(d)(6)
AgSO	Accident prevention signs				GISO, §3340
AgSO	Agricultural machinery & equipment				GISO, §3440
		Access to moving parts			GISO, §3440(f)
		Accident prevention signs			GISO, §3340
		Guarding			GISO, §3440(d), (e)
		Operating Instructions			GISO, §3441
		Safe Work Practices			GISO, §3441
		Warning Signs / decals			GISO, §3440(c)
		Warning of rotation			GISO, §3440(f)(2)
AgSO	Aircraft				
		Crop Dusting & Spraying			GISO, §3452
		Decontamination of			GISO, §3451
AgSO	Anhydrous Ammonia connections				GISO, §3453(b)
AgSO	Applicators, Rigs, Tanks, Vessels				GISO, §3453
		Cautionary instructions			GISO, §3453(c)
		Connections			GISO, §3453(b)
		" "			UFPV, §507
		Gages			UFPV, §508
		Tanks mounted on farm machinery			UFPV, §506
AgSO	Aqua ammonia operations				GISO, §3453
		Eye wash requirement		Also **EYEWASH**	GISO, §3453(g)
AgSO	Beet Trucks				GISO, §3444
AgSO	Carbamates & Organophosphates				
		Medical requirements			GISO, §3450

AgSO	Chemical Solutions of a Hazardous Nature				
		Applicator Rigs, Tanks, Vessels			GISO, §3453
AgSO	Choppers, cutters, grinders				GISO, §3445
AgSO	Communication in language understood by employee				GISO, §3438
AgSO	Confined Space Entry			See **CONFINED SPACE ENTRY**	
AgSO	Conveyors & Elevators				GISO, §3446
AgSO	Cotton dust, Airborne Contaminant, Exposure limit				GISO, §5155, & Appx A
	Listed, Permissible Exposure Limits				GISO, §5155, Table AC-1
AgSO	Cotton Gins & Seed Cotton Processing Equipment				GISO, Article 74
		Balers			GISO, §4645
		Burr extractors			GISO, §4646
		Drives, Gin stands			GISO, §4641
		Drives between Gin stands			GISO, §4643
		Elevated platforms			GISO, §4642(a)
		Gin Stands, Drives			GISO, §4641
		Gin saw			GISO, §4640
		Guarding			
			Elevated Platforms		GISO, §4642(a)
			Gin saw		GISO, §4640
			Lint gates, automatic interlock		GISO, §4645
			Power transmission Enclosure		GISO, §4642(b)
			Screw conveyors		GISO, §4647
		Locks & padlocks, keys			GISO, §4640(e)
		Main drive			GISO, §4641
		Power drives, Guarding			GISO, §4643
		Saws			GISO, §4640
			Guarding		GISO, §4640(a)
				Access Door	GISO, §4640(d)
			Qualified Person		GISO, §4640(e), (f)
			Stop Rotation		GISO, §4640(b)
			Supervision requirements		GISO, §4640(f)
			Tools, Custody of		GISO, §4640(e)
			Vision Panel		GISO, §4640(c)
				Access Door, securing of	GISO, §4640(d)
			Warning Signs		GISO, §4640(g)
		Screw conveyors			GISO, §4647
		Seed processing machines			GISO, §4640
		”	”	”	GISO, §4647
		Stands			GISO, §4641
			Guarding provided		GISO, §4640(a)
			Between stands, guarding		GISO, §4643
		Supervision requirements			GISO, §4640(f)
		Tools, specialized			GISO, §4640(e)
		Transmission enclosures			GISO, §4642
		Warning devices			GISO, §4644
AgSO	Crop-dusting aircraft				GISO, §3452
AgSO	Cutters, Choppers, Grinders				GISO, §3445
AgSO	Date Palm Operations, Fall Protection for				GISO, §3458
		Inspection of fall protection equipment			GISO, §3458(f)
		Job briefing			GISO, §3458(e)
		Ladders Attached to Date Palms			GISO, §3458.1
		Positioning devices			GISO, §3458(d)
		Saddles			GISO, §3458(c)
AgSO	Decontamination, Restricted Material				GISO, §3451
		Machinery, Aircraft, Applicators			GISO, §3451(a)
		Manufacturers Recommendations			GISO, §3451(b)
		Neutralizing, Washing			GISO, §3451(b)
AgSO	Definitions				GISO, §3437
AgSO	Drinking water, potable				GISO, §3457(c)(1)
AgSO	Driveline Guarding, PTO				GISO, §3440(c)
		Warning of rotation			GISO, §3440(f)(2)
AgSO	Electrical Hazards, Overhead				GISO, §3455
AgSO	Elevators, Conveyors, guarding				GISO, §3446
AgSO	Employees, Agricultural Laborers			See Laborer under this Heading	
AgSO	Equipment				GISO, §3440
AgSO	Explosives & Pyrotechnics				
		Application & Scope			GISO, §5236
		Definition of			GISO, §5237
		Manufacturing & Processing			GISO, §5319
AgSO	Fall Protection, Date Palm Operations				GISO, §3458
		Inspection of fall protection equipment			GISO, §3458(f)
		Job briefing			GISO, §3458(e)
		Ladders Attached to Date Palms			GISO, §3458.1
		Positioning devices			GISO, §3458(d)
		Saddles			GISO, §3458(c)
AgSO	Fertilizers, Restricted Materials				
		Applicator Rigs, Tanks, Vessels			GISO, §3453

		Decontamination of Equipment			GISO, §3451
		Formulation & Application			GISO, §3450
AgSO	Field Sanitation				GISO, §3457
		Maintenance			GISO, §3457(c)(3)
		Potable / Drinking Water			GISO, §3457(c)(1)
		Reasonable use			GISO, §3457(c)(1)
		Reports			GISO, §3457(c)(1)
		Toilet facilities			GISO, §3457(c)(2)
		Washing Facilities			GISO, §3457(c)(2)
AgSO	First-Aid Requirements				
		At remote locations,			GISO, §3439(b)
		Effective Provisions for Care			GISO, §3400(f)
		Availability of Medical Personnel			GISO, §3400(a)
		Blankets			GISO, §3400(e)
		Body wash/drenching			GISO, §3400(d)
		Eye wash / flush			GISO, §3400(d)
		”	”	See also under **EYEWASH**	
			Aqua Ammonia Operations		GISO, §3454(g)
		Inspections of 1st Aid supplies			GISO, §3400(c)
		Medical Requirements, Restricted Materials			GISO, §3439
		Medical Services, Facilities			GISO, §3439(b)
		Stretchers			GISO, §3400(e)
		Supplies			GISO, §3400(c)
		Telephone communication			GISO, §3400(f)
		”	”		GISO, §§3439(b)
		Training			GISO, §3439(b)
		”	”		GISO, §3400(b)
		Transportation			GISO, §3400(f)
AgSO	First-Aid Kit				
		Availability of			GISO, §3439(a)
		Condition of			GISO, §3439(a)
		Inspection of			GISO, §3439(a)
		Prompt Medical Attention			GISO, §3439(b)
AgSO	Fruit Picking, Electrically Conductive Poles				GISO, §3455(b)
AgSO	Fumigation			See **FUMIGATION**	
AgSO	Guarding				GISO, §3440(d), (e)
		Operating Instructions			GISO, §3441
		Safe Work Practices			GISO, §3441
		Warning Signs / decals			GISO, §3440(c)
		Warning of rotation			GISO, §3440(f)(2)
AgSO	Hand-Held Tools				GISO, §3456
		Short handled, prohibited			GISO, §3456(b)
AgSO	Hand weeding, thinning				GISO, §3456(c)
AgSO	Heat Illness Prevention, Outdoor				GISO, §3395
		Access to Drinking Water			GISO, §3395(c)
			Maintenance of		GISO, §3457(c)(3)
		Access to Shade			GISO, §3395(d)
			>80°, Shade Present		GISO, §3395(d)(1)
			≤80°, Shade Available		GISO, §3395(d)(2)
		Acclimatization			GISO, §3395(g)
		Agriculture Employees High Heat Procedures			GISO, §3395(e)(6)
		Agricultural Industry, Subject to Standard			GISO, §3395(a)(2)(A)
		Application & Scope			GISO, §3395(a)(2)
		Construction Industry, Subject to Standard			GISO, §3395(a)(2)(B)
		Definitions			GISO, §3395(b)
		Drinking Water, Access to			GISO, §3395(c)
			Maintenance of		GISO, §3457(c)(3)
		Emergency Response Procedures			GISO, §3457(f)
		Heat Illness Prevention Plan			GISO, §3457(i)
		High-Heat Procedure			GISO, §3395(e)
		Landscaping Industry, Subject to Standard			GISO, §3395(a)(2)(C)
			Landscaping Defined		GISO, §3395(b)
		Oil & Gas Extraction Industry, Subject to Standard			GISO, §3395(a)(2)(D)
		Preventative Cool-down Rest Period, Permitted at all Times			GISO, §3395(d)(3)
		Provision of First Aid or Emergency Response			GISO, §3395(d)(4)
		Temperature Triggers			
			>80°, Shade Requirements		GISO, §3395(d)(1)
			≤80°, Shade Requirements		GISO, §3395(d)(2)
			≥95°, High-Heat Procedures		GISO, §3395(e)
		Training			GISO, §3395(h)
		Transportation of Agri-Products, Construction & other Heavy Materials,			
			Subject to Standard		GISO, §3395(a)(2)(E)
			Exception, Operators in Air-conditioned Vehicles		GISO, §3395(a)(2)(E)
AgSO	Horizontal Rotary Spreaders				GISO, §3442
AgSO	Insecticides, Restricted Materials				
		Formulation & Application			GISO, §3450
		Decontamination of Equipment			GISO, §3451

		Applicator Rigs, Tanks, Vessels			GISO, §3453
AgSO	Ladders Attached to Date Palms				GISO, §3458.1
AgSO	Lock-out / Block-out				GISO, §3441(a)(2)(C)-(E)
AgSO	Medical Requirements, Restricted Materials				GISO, §3439
AgSO	Nighttime work in				GISO, §3449(a)
AgSO	Non-English-speaking workers, communication with				GISO, §3438
AgSO	Organophosphates & Carbamates				
		Medical requirements			GISO, §3450
AgSO	Overhead Electrical Hazards				GISO, §3455
AgSO	Pesticides, Restricted Materials				
		Applicator Rigs, Tanks, Vessels			GISO, §3453
		Decontamination of Equipment			GISO, §3451
		Formulation & Application			GISO, §3450
		Medical Requirements			GISO, §3439
AgSO	Potable water				GISO, §3457
AgSO	Pyrotechnics & Explosives				
		Application & Scope			GISO, §5236
		Definition of			GISO, §5237
		Manufacturing & Processing			GISO, §5319
AgSO	Restricted Materials				
		Applicator Rigs, Tanks, Vessels			GISO, §3453
		Decontamination of Equipment			GISO, §3451
		Formulation & Application			GISO, §3450
		Medical Requirements			GISO, §3439
AgSO	Rollover Protective Structures (ROPS)				GISO, §3651
AgSO	Seatbelts				GISO, §3653
AgSO	Sheep shearing operations				GISO, §3454
AgSO	Short-handled hoe				GISO, §3456(a)
AgSO	Signs, Accident Prevention				GISO, §3340
		Slow Moving Vehicle Emblem			GISO, §3340(d)(6)
AgSO	Spillage, Accidental, Aqua Ammonia, Eye Wash Requirement			See also **EYEWASH**	GISO, §3453(g)
AgSO	Tanks				GISO, §3453
		Applicator			GISO, §3453(a), (c), (e)
		Applicator			GISO, §3453(f), (g), (h)
		Decontamination			GISO, §3451
		Liquid Level Indicator			GISO, §3453(a)
		Marking, content			GISO, §3453(c)
		Protection of Tanks, Flooding			GISO, §5605
		Pressure Vessels			GISO, §3453(h)
AgSO	Toilet Facilities			See Field Sanitation under this Heading	
AgSO	Tools, Hand-Held				GISO, §3456
AgSO	Tractors				
		Accident prevention signs			GISO, §3340
		Brakes			
			Brake & Parking Brake Requirement		GISO, §3661
			Locking / Parking		GISO, §3440(b)
		Definitions			GISO, §3649
		Deflector Guards			GISO, §3654
		Fenders			GISO, §3440(a)
		General Requirements			GISO, §3651
		Guards, Wheel, Fenders			GISO, §3440
			Deflector		GISO, §3654
		Headlights			GISO, §3441
		Inspection / Operational Check, Daily			GISO, §3664(c)
		Internal Combustion Engines, Use of			GISO, §3662
		Operating instructions for employees			GISO, §3664(b)
			Exception, Personnel Transport Carriers (PTCs)		GISO, §3664(b)
		Operator Platforms			GISO, §3658
		Power-Take-Off (PTO)			GISO, §3440(c)
		Rated Capacity			GISO, §3660
		Rollover Protective Structures (ROPS)			GISO, §3651
		Seatbelts			GISO, §3653
		Shear or Brush Guarding			GISO, §3654(a)(1)
		Tractor-Mounted Personnel Transport Carriers (PTCs)			GISO, §3441
		Training			GISO, §3664(b)
		Warning Devices, Audible			GISO, §3661
		Wheel Guards			GISO, §3665
AgSO	Transportation of Employees & Materials				GISO, Article 27
		Farm Labor Vehicle			GISO, §3700
			Licensing of Drivers		GISO, §3701(a)
			Seatbelts Required		GISO, §3702(h)
		Rollover Protective Structures (ROPS)			GISO, §3651
		Shear or Brush Guarding			GISO, §3654(a)(1)
		Tractor-Mounted Personnel Transport Carriers (PTCs)			GISO, §3441
			Exception, Personnel Transport Carriers (PTCs)		GISO, §3664(b)
		Vehicle Requirements			GISO, §3702
			Licensing of Drivers		GISO, §3701(b)

AgSO	Vegetable Trimming Saws		GISO, §3447
AgSO	Vehicles		See **FARM LABOR VEHICLES**
		Accident prevention signs	GISO, §3340
AgSO	Vessels (Containers)		See also Tanks under this Heading
		Applicator Rigs, Tanks	GISO, §3453
		Pressure	GISO, §3453(h)
		Washing facilities, field sanitation	GISO, §3457
AgSO	Water Hazards		GISO, §3448
AgSO	Work in the dark, darkness		GISO, §3449(a)
AGRICULTURAL VEHICLE, SIGN, Slow Moving Vehicle			GISO, §3340(d)(6)
AIDS, HIV			See **BLOODBORNE PATHOGENS**
AIR, Compressed, Equipment			
	Construction of Cylinders		GISO, §4649
	Handling of Cylinders		GISO, §4650
	Leaking Cylinders		GISO, §4650(p)
	Marking of Cylinders		GISO, §4649
	Pneumatic Nailers & Staplers, per CSO		CSO, §1704
		Definitions	CSO, §1704(a)
		General Safety Requirements	CSO, §1704(b)
		Disconnecting Requirement	CSO, §1704(c)
		Air Hose, Securing of	CSO, §1704(d)
		Safety Device	CSO, §1704(e)
		Code of Safe Practice Requirement	CSO, §1704(f)
		Trainers	CSO, §1704(g)
	Pneumatic Tools, per GISO		GISO, §3559
	Prohibited Use of LP Gas in		UFPV, §474(b)
	Safety Relief Devices		GISO, §4657
	Storage of Cylinders		GISO, §4650
	Use of Cylinders		GISO, §4650
AIR, Compressed, Use of			GISO, §3301
AIR COMPRESSORS			GISO, §3518
”	”		See also **AIR TANKS**, Compressed Air
”	”		See also **UNFIRED PRESSURE VESSELS**
	Automatic Start Warning		GISO, §3320
	Bleeding before Repairs, per MSO		MSO, §6996(b)
	Centrifugal (radial) compressor systems		GISO, §3518
	Diving Operations		GISO, §6057(a), (d)
	Grounding, Electrical		ESO-LV, §2395.45(A)
	Permit Required for Tanks		UFPV, §450(a)(3)
		Posting of Permit	UFPV §461©
		Exempted Tanks	UFPV§ 461(f)
	Prohibited uses of		GISO, §3301(b), (e)
		In Flammable gasses/vapors	GISO, §3518(b)
		In Toxic atmospheres	GISO, §3518(b)
	Portable Air Compressors		CSO, §1696
		Blocking / Locking of Air Compressors	CSO, §1696(a)
		Grounding, Electrical	ESO-LV, §2395.45(A)
		Guarding Fans of Air Compressors	CSO, §1696(b)
		Draining of Condensate in Air Compressors	CSO, §1696(c)
		Testing, Safety Valves	CSO, §1696(d)
		Tanks, Comply UVPV	CSO, §1696(e)
	Radial Air Compressor systems		GISO, §3518
	Stationary Internal Engines Driving Compressors		PSO-D&P, §6554
	Bleeding before Repairs, per MSO		MSO, §6996(b)
AIR CONDITIONING, Cooler Doors, Food Service			GISO, §4536
AIR CONDITIONING, HVAC, Building Ventilation			GISO, §5142
	Grounding or, Cord & Plug Connected		ESO-LV, §2395.45(A)
	Indoor Air Quality, HVAC Systems		GISO, §5142
	System Requirements		GISO, §5143
AIR FILTERS			See **HEPA FILTERS**
	Testing Protocol		GISO, §5155, Appx A
AIR / GAS CYLINDERS			
	Connections of Cylinders, Approved		GISO, §4649(b)
	Construction of Cylinders		GISO, §4649(a)
	Crane, Hoist & Derrick, Hoisting of Cylinders		GISO, §4650(i)
	Dropping of Cylinders Prohibited		GISO, §4650(n)
	Handling of Cylinders		GISO, §4650
		Dropping of Cylinders Prohibited	GISO, §4650(n)
		Rolling & Carrying of Cylinders	GISO, §4650(h), Exception
		Striking of Cylinders Prohibited	GISO, §4650(n)
		Prying of Cylinders from Frozen Ground	GISO, §4650(n)
	Hoisting Cylinders		GISO, §4650(i)
	Leaking Cylinders, Regulators, Valves, Hose, Piping		GISO, §4650(p)
	Marking / Labeling of Cylinders		GISO, §4649(d)
	Portable Service, Cylinder Used in		GISO, §4650(h)
		Secured in Suitable Trucks	GISO, §4650(h)
	Rolling & Carrying of Cylinders		GISO, §4650(h), Exception

Safety Relief Devices — GISO, §4657
Securing of Cylinders when in Use
In Racks / Structures — GISO, §4650(h)
In Portable Service, in Suitable Trucks — GISO, §4650(h)
Storage of Cylinders — GISO, §4650
Barriers, Oxygen & Fuel Cylinders — GISO, §4650(d)
Combustible Materials, Away from — GISO, §4650(b)
Valve Protection Required — GISO, §4650(f)
Dry, Protected from Moisture — GISO, §4650(b)
Heat, Protected from — GISO, §4650(a)
Oil & Accelerators, Away from — GISO, §4650(b)
Oxygen & Fuel Cylinders Separated — GISO, §4650(d)
Securing, Protection from Falling / Tipping — GISO, §4650(e)
Unventilated Enclosures, Prohibition — GISO, §4650(c)
Ventilation Requirement — GISO, §4650(b)
Heat, Protected from — GISO, §4650(a)
Transporting of Cylinders — GISO, §4650(e)
Valve Protection Required — GISO, §4650(g)
See Exception — GISO, §4650(g)
Lifting, Not Used for — GISO, §4650(j)
Crane, Hoist & Derrick, Hoisting of Cylinders — GISO, §4650(i)
Use of Cylinders — GISO, §4650
Used As Support or Rollers Prohibited — GISO, §4650(q)
Electrical Circuit, Part of — GISO, §4650(r)
Use Content only as Intended by Supplier — GISO, §4650(s)
Acetylene, Contact with Unalloyed Copper — GISO, §4650(t)
Purging of lines, Parts, Equipment — GISO, §4650(u)
Valves
Closed Before Moving — GISO, §4650(k)
Closed When Work is Finished — GISO, §4650(m)
Closed on all Empty Cylinders — GISO, §4650(k)
Keys, Handles, on Valve Stems, Spindle — GISO, §4650(o)
Repair / Tampering with Valves — GISO, §4650(p), Notes
Valve Protection / Collar or Recess — GISO, §4649(c)
Leaking Valves, Use Prohibited — GISO, §4650(p)
Requirement when Cylinders not in Use or Connected — GISO, §4650(f)
Requirement before moving Cylinders — GISO, §4650(g), (h)
See Exception — GISO, §4650(g)
Not Used for Lifting — GISO, §4650(j)
AIR / GAS, Use of — GISO, §3301
AIR HOSES, per CSO
Securing hoses on elevated locations — CSO, §1700
AIR HOSES, per GISO
Securing Hose, used to Agitate Liquids in Tanks / Vats — GISO, §3300(a)
Maintenance, Hose Connections — GISO, §3300(b)
Used, for which Designed / Constructed — GISO, §3300(c)
AIR HOSES, per MSO — MSO, §6997
AIR INTAKE SHUT-OFF VALVE, per PSO-D&P — PSO-D&P, §6625.1
Definition — PSO-D&P, §6505
AIR NOZZLES SAFETY — GISO, §3301
AIR POLLUTION CONTROL
Asbestos — See **ASBESTOS**
Dust control — See **DUST**
Mining operations — See **AIR QUALITY, RADIATION & VENTILATION**, Per MSO
Tunneling Operations — TSO, §8437
Ventilation — See **VENTILATION**
AIR QUALITY
Breathing Air Quality, Supplied Air Respirator & SCBA — GISO, §5144(i)
Compressed Air, Diving Operations — GISO, §6057(b)(3)
HVAC Systems — GISO, §5142
Wildfire Smoke Hazard - Particulate Matter — GISO, §5141.1
Exposure to PM2.5 — GISO, §5141.1(c)
AQI forecasts — GISO, §5141.1(c)(1), (2)
Current AQI for PM2.5 — GISO, §5141.1(c)(1), (2)
Conversion of PM2.5 levels AQI — GISO, §5141.1(c)(3)
Conversion of PM2.5 levels AQI, Appendix A — GISO, §5141.1, Appx. A
Exception for PM2.5 AQI greater than 500 — GISO, §5141.1(c)(3)
Pressurized Worksite Operations, per GISO, §5144(i) — GISO, §6100(e)
Respirator, Supplied Air & SCBA — GISO, §5144(i)
AIR QUALITY & VENTILATION, per TSO — TSO, §8437
AIR QUALITY, RADIATION & VENTILATION, Per MSO — MSO, Article 31
Environmental Controls — MSO, §7090
Blasting — MSO, §7095
Dust Control

	Blasting, Primary		MSO, §7095
	Blasting, Secondary		MSO, §7096
	Surface Drilling		MSO, §7092
	Underground Rock Drilling		MSO, §7093
	Mucking & Transferring Rock		MSO, §7094
Smoke & Gas Control			
	Blasting, Primary		MSO, §7095
	Blasting, Secondary		MSO, §7096
Radiation, Underground			MSO, §7091
Surface operations			MSO, §7092
Underground operations			MSO, §7093
Ventilation			MSO, §7098
	Mechanical Ventilation		MSO, §7099
AIR TANKS			UFPV, Article 3
Alteration, authorization by inspector			UFPV, §466
Applicable			UFPV, §450(a)(3)
Certification of Inspectors			UFPV, §463
Change of ownership, effect on permit			UFPV, §461
Compressor, installation,			UFPV, §462
Construction			UFPV, §454
Definitions			UFPV, §453
Design			UFPV, §454
Drain			UFPV, §465
Drive unit, installation			UFPV, §462
Exempted Tanks			UFPV, §451
Field Inspections & Reports			UFPV, §462
Gauge, Gage			UFPV, §465
Haulage vehicles			CSO, §1591
Headings, requirements			UFPV, §462
Identification, state serial number			UFPV, §462(g)
Inspection			UFPV, §461
	Fees	See Cal/OSH, §344.1	
	Reports		UFPV, §462
Inspectors			
	Alterations & repairs, authorization by		UFPV, §466
	Certification of		UFPV, §463
Installation			UFPV, §462
	Accessibility for inspection		UFPV, §462
	Labels		UFPV, §462
	Manufacturer's data report		UFPV, §462
Permit to Operate			UFPV, §450(a)(4)
	Posting of Permit		UFPV, §461(c)
	Exempted Tanks		UFPV, §461(f)
Piping			UFPV, §462
	Discharge pipes, safety valves & rupture discs		UFPV, §465
Plastic Piping			UFPV, §462
Rejection mark, unfit for service			UFPV, §462
Repair, authorization by inspector			UFPV, §466
Repairs & Alterations			UFPV, §466
Reports			
	Inspections		UFPV, §462
	Manufacturer's data report		UFPV, §462
	Welding repairs or alterations		UFPV, §466
Safety Valves & Devices			UFPV, §465
State serial number			UFPV, §462
Unfit for service			UFPV, §462
Welding repairs			UFPV, §466
AIRBORNE CONTAMINANTS, per GISO			GISO, §5155
	Application / Scope		GISO, §5155(a)
	Definitions		GISO, §5155(b)
Asphyxiants			GISO, §5155, Table AC-1(h)
Ceiling Limits			GISO, §5155(c)(3)
Contaminants, Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
Cotton Waste Processing Operations			GISO, §5155, Table AC-1(j)
Dust			
	Exposure limit		GISO, §5155(c)
	Medical Surveillance Program		GISO, §5155(f)
	Permissible Exposure limit (PEL)		GISO, §5155, Table AC-1
	Protective Clothing for Chemicals w/ S Notation		GISO, §5155(d)
	Workplace Monitoring		GISO, §5155(e)
Exposure Computations			GISO, §5155, Appx A
Exposure Limits			GISO, §5155(c)
	Permissible Exposure Limits		GISO, §5155(c)(1)
	Short Term Limits		GISO, §5155(c)(2)
Listed, Permissible Exposure Limits of Contaminants			GISO, §5155, Table AC-1
Monitoring, Workplace			GISO, §5155(e)
Medical Surveillance			GISO, §5155(f)

Permissible Exposure Limits			GISO, §5155, Appx A, Table AC-1 & Foot Notes
	For Chemical Contaminants, Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
Skin Absorption, Protection Against			GISO, §5155(d)
AIRBORNE CONTAMINANTS, per TSO			See under **TUNNELING OPERATION**, Air Quality
AIRCRAFT			
Avalanche Blasting Activities from Helicopters			GISO, §5357(d)
Explosives, transporting of using Aircraft			GISO, §5269
Hangars, Hazardous Locations (Classified)			ESO-LV, §2540.6
Hazardous Location, Hanger			ESO-LV, §2540.6
Helicopter Operations, Construction			CSO, Article 35
	Application / Scope		CSO, §1900
	Cargo Loading & Handling		CSO, §1908
	Communications		CSO, §1906
	Exposed Locations		CSO, §1909
	Fall Exposure		CSO, §1909
	Fueling		CSO, §1905
	General Requirements		CSO, §1901
	Ground Crew		CSO, §1907
	Landing Operations		CSO, §1903
	Static Electricity		CSO, §1904
Helicopter Operations, Logging			LSSO, Article 11
	Communication & Signal System		LSSO, §6326
	Fueling & Fueling Area		LSSO, §6325
		Bonding Requirement while fueling	LSSO, §6325(e)
	General Requirements		LSSO, §6320
	Ground Personnel		LSSO, §6324
	Signals, Hand, Illustration		LSSO, §6402, Appx A
	Hooking & Unhooking Loads		LSSO, §6322
	Landings		LSSO, §6323
	Personal Protective Equipment		LSSO, §6327
	Rigging		LSSO, §6321
	Safe Practices		LSSO, §6402, Appx A
Helicopter Operations, Tunneling, Emergency Medical Service			TSO, §8420(b)
Loading , Conveyors, or Belt Loaders, Fall Protection			GISO, §3210(b), Exception (7)
Wheel Well, Work in or on, Fall Protection			GISO, §3210(b), Exception (8)
AIRLESS SPRAY GUNS			GISO, §3559.1
Safety Device, Trigger Lock			GISO, §3559.1(a)
Diffuser Nut			GISO, §3559.1(b)
Nozzle Tip Guard			GISO, §3559.1(b)
AIR-LIFT HAMMER			GISO, §4240
AISLES, per GISO			
Aisles, Walkways & Crawlways			GISO, §3272
Blocked			GISO, §3225(a)
Clearance			GISO, §3272(c) & (e)
Forklifts Access			GISO, §3272(b)
Lighting of			GISO, §3317
Marked			GISO, §3272(c)
Traffic			GISO, §3272(e) & (f)
Width			GISO, §3272(b)
AISLE, per TelSO			TelSO, §8602(c)
ALARM SYSTEMS			See also **SIGNALS**
Backup			CSO, §1592
”	”		GISO, §3706(b)
Employee Alarm Systems, Fire Protection			GISO, §6184
”	”		See also **FIRE PROTECTION**
	Application & Scope		GISO, §6184(a)
	Design Requirements		GISO, §6184(b)
	Installation & Restoration		GISO, §6184(c)
	Maintenance		GISO, §6184(d)
	Manual Operation		GISO, §6184(e)
	Testing		GISO, §6184(d)
ALCOHOL			See **FLAMMABLE LIQUIDS, GASES & VAPORS**
Prohibition of ignition sources near anywhere			GISO, §5416(c)
Pits & Sumps			GISO, §5416(b)
Smoking prohibition			GISO, §5416(d)
Ventilation			GISO, §5416(a)
ALCOHOLIC BEVERAGES, Consumption of			
Areas & Locations for Consumption			GISO, §3368(a) & (d)
	Prohibited Areas & Locations		GISO, §3368(b)
	Waste Disposal Containers		GISO, §3368(c)
Mining Operations, Alcohol & Drugs Prohibition			MSO, §6973(c)
Blasting or Pyrotechnic Operations, Alcohol & Drugs Prohibition			GISO, §5247(b)
ALDRIN, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
ALKYLALUMINUMS			
Process Safety Management			GISO, §5189, Appx A
ALLAYING DUST, FUMES, MISTS, VAPOR & GASES			PSO-R,T&H, §6788

ALLIGATOR SHEARS, Metal Work (Class B)	See under **METAL WORKING MACHINES**
ALLYL ALCOHOL, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
ALLYLAMINE	
Process Safety Management	GISO, §5189, Appx A
ALLYL CHLORIDE, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
Process Safety Management	GISO, §5189, Appx A
ALLYL GLYCIDYL ETHER, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
ALLYL PROPYL DISULFIDE, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
ALTERATIONS & REPAIR, Pressure Vessels & Boilers	PSO-D&P, §6551(d)
ALTERNATING-CURRENT, Circuits and Systems	
Equipment Grounding for	ESO-LV, §2395.5
Common grounding electrode	ESO-LV, §2395.54
Conductor	ESO-LV, §2395.25
Connections	ESO-LV, §2395.23
ALUMINUM, ALKYLS, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
ALUMINUM, Combustible Metal	GISO, §5175
ALUMINUM DISTEARATE, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
ALUMINUM METAL & OXIDE, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
ALUMINUM PYRO POWDERS, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
Combustible Metal	GISO, §5175
ALUMINUM SOLUBLE SALTS, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
ALUMINUM STEARATE, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
ALUMINUM TRISTEARATE, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
ALUMINUM WELDING FUMES, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
AMINODIPHENYL, 4-Aminodiphenyl	See **CARCINOGENS**, Specified
AMINOPYRIDINE, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
AMITROLE, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
AMMATE, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
AMMONIA, ANHYDROUS	See **ANHYDROUS AMMONIA**
AMMONIA SYSTEMS, Pressure Vessels	See **ANHYDROUS AMMONIA SYSTEMS**
AMMONIUM CHLORIDE FUMES, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
AMMONIUM NITRATE, Explosives	See under **EXPLOSIVES**
AMMONIUM PERCHLORATE	
Process safety management	GISO, §5189, Appx A
AMMONIUM PERFLUOROCTANOATE, Airborne Cont., Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
AMMONIUM PERMANGANATE	
Process Safety Management	GISO, §5189, Appx A
AMMONIUM STEARATE, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
AMMONIUM SULFAMATE, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
AMMUNITION & PROPELLANTS, Small Arms	GISO, Article 123
Application & Scope	GISO, §5370
Ammunition Primers, Small Arms	GISO, §5374
Ammunition, Small Arms	GISO, §5371
Black Powder Propellants	GISO, §5373
Primers, Small Arms	GISO, §5374
Propellants, Smokeless	GISO, §5372
Storage	GISO, §5371(b)
Separated from Flammable Materials & Oxidizers	GISO, §5371(a)
AMOSITE, Asbestiform	See **ASBESTOS**
AMPACITY	
Circuits, Branch & Feeder Circuits	ESO-HV, §2734
Conductors	ESO-HV, §2716
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See also **WELDING & CUTTING**, Gas Systems
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	Negative Pressure Glove bag	SSO, §8358(g)(5)(D)
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Sampling, Air				SSO, §8358(g)(4), (7), (9)
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Siding materials, removal				SSO, §8358(g)(8)(C)
Signs				SSO, §8358(k)(7)
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ATRAZINE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
ATTACHMENT PLUGS, Non-Grounding Type Electrical — ESO-LV, §2510.58
ATTENDANCE, Boilers — B&FPV, §781
ATTENDANT, Amusement Rides, Training — PARSO, §3195.7(a)
ATTENDANT, at Joint Power & Tele-com Man Holes — TelSO, §8616(d)
ATTENUATION, Calculated — GISO, §5098
ATTIC, Access Openings — GISO, §3271
AUDIOMETRIC TEST PROGRAM — GISO, §5097(c)
Audiogram Requirements per §5097 — Appx B — GISO, §5097(c)(4)
Audiology Technician, Certification Requirement — GISO, §5097(c)(3)
Baseline Requirement — GISO, §5097(c)(5)
Baseline Requirements, Employee Notification — GISO, §5097(c)(7)
Baseline Requirements, Employee Noise Exposure Limits — GISO, §5097(c)(6)
Employee, Testing at no cost to — GISO, §5097(c)(2)
Employer Responsibility — GISO, §5097(c)(1), (2)
Employee Notification of Testing Results — GISO, §5097(c)(8)
Testing Performed By — GISO, §5097(c)(3)
Testing Results, Employee Notification of — GISO, §5097(c)(8)
AUGERS
Cotton Gins, Screw Conveyors — GISO, §4647
Drilling Operations — MSO, §7005(h)
Mixing Auger, Agricultural Operations — GISO, §3440(g)
Pomace Pumps, Wine — GISO, §4539
Post Hole Diggers, Controls of — GISO, §4086
Screw Conveyors — GISO, §3446
Wine Pomace Pumps — GISO, §4539
AUTHORIZED PERSON, Energized Equipment / Systems — ESO-LV, §2320.2(c)
AUTO BODY SHOP, Hazardous Locations (Classified) — ESO-LV, §2540.9
AUTOMATIC,
Circuit Reclosers — ESO-HV, §2843
Couplers, Locomotive Cranes — GISO, §4927(b)
Fire Detection Systems — GISO, §6183
Lathes, Wood Working — GISO, §4319
Restarting Motors, Electrical — ESO-LV, §2530.43
Return, radial arm saw — GISO, §4309(d)
Start, warning signs — GISO, §3320
AUTOMOBILES — *See* **MOTOR VEHICLES**
AUTOMOTIVE LIFTS — GISO, Article 19
Definition, Automotive Lift — GISO, §3541
Air Tank, Working Pressure & Corrosion Protection — GISO, §3546
Control Mechanism — GISO, §3544
Descent Speed — GISO, §3549
Design — GISO, §3542(a)-(c)
Inspection, Operation, Maintenance — GISO, §3542(d)
Marking / Labeling Requirements — GISO, §3543
Oil Measurement — GISO, §3545
Oil Tank, Working Pressure & Corrosion Protection — GISO, §3546
Working Area, Under Lift — GISO, §3547
Supports, Chassis & Axle — GISO, §3548
AUTOMOTIVE MAINTENANCE

”	”	”		See also **SERVICE STATIONS**
	Brake Repair, Asbestos Compliance Method			GISO, §5208(f)(3)
	Fueling, Internal Combustion Engines			GISO, §3319
	Motor Fuel Dispensing, Hazardous Locations			ESO-LV, §2540.7
	Motor Fuel Dispensing, Hazardous Locations (Classified)			ESO-LV, §2540.7
	Maintenance & Repair			GISO, §3328
	Tire Inflation			GISO, §3325
	Tire Repair, Split Rim Wheels			GISO, §3326
AVAILABILITY, of Medical personnel				GISO, §3400(a)
AVALANCHE, Snow Blasting				GISO, Article 121
	Arming of Explosive Charges			GISO, §5355
		Arming Room, Inside		GISO, §5355(c)
		Deployment Site, at		GISO, §5355(b)
	Arming Room			GISO, §5355.1
		Construction of		GISO, §5355.1(b)
		Housekeeping		GISO, §5355.1(d)
		Location of		GISO, §5355.1(a)
		Restrictions		GISO, §5355.1(c)
	Avalanche control coordinator			GISO, §5351(a)
		Blaster in charge		GISO, §5351(b), (c)
		Competent ski mountaineers		GISO, §5351(f)
		Consist of		GISO, §5351(d)
		Personnel in training		GISO, §5351(e)
	Blasting Activities			GISO, §5357
		Avalauncher / Launcher, use of		GISO, §5357(e)
		General Requirements		GISO, §5357(a)
		Hand Deployment		GISO, §5357(b)
		Helicopter, from		GISO, §5357(d)
		Ski lifts or trams, from		GISO, §5357(c)
	Blasting caps			GISO, §5353(a), (c)
	Blasting Packs, Avalanche			GISO, §5356(e)
	Cap & Fuse Assembly			GISO, §5353(e)
	Communication requirement			GISO, §5351(g)
	Detonating Systems			GISO, §5353(a)
	Explosives			GISO, §5352
		Shelf life of		GISO, §5352(a)
		Storage of		GISO, §5354
		Transporting of		GISO, §5356
		Weather resistance		GISO, §5352(b)
	Fuse caps			GISO, §5353(c)
	Fuse Igniter			GISO, §5353(f)
	Misfired Explosives			GISO, §5358
		Abatement of		GISO, §5358(c), (g)
		Determination of		GISO, §5358(g)
		Documentation, Records of		GISO, §5358(a), (d), (i)
		Records / Documentation of		GISO, §5358(a), (d), (i)
		Retrieval of		GISO, §5358(b)
			Waiting period	GISO, §5358(c), (f)
		Searching for		GISO, §5358(e)
		Slope Closure		GISO, §5358(c)
		Waiting period		GISO, §5358(c), (f)
		Warning signs		GISO, §5358(j)
	Multiple charge blasting			GISO, §5353(b)
	Safety Fuses requirements			GISO, §5353(d)
	Scope			GISO, §5349
	Snow Avalanche Blasting Crew			GISO, §5351
	Storage of Explosives			GISO, §5354
	Training			GISO, §5350
		Blasting crew members, for		GISO, §5350(a), (b)
		Essential personnel		GISO, §5350(e)
		Field experience, as		GISO, §5350(c)
	Transporting of Explosives			GISO, §5356
		Avalanche Blasting Packs		GISO, §5356(e)
		Containers, inside		GISO, §5356(d)
		Public roads or highways, on		GISO, §5356(a)
		Ski lift, on		GISO, §5356(c)
		Vehicle’s hot exhaust system, protection from		GISO, §5356(b)
	Warning signs			GISO, §5358(j)
AZINPHOS-METHYL, Airborne Contaminant, Exposure limit				GISO, §5155, & Appx A
	Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
AZODRIN, Airborne Contaminant, Exposure limit				GISO, §5155, & Appx A
	Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1

B

List of Acronyms

BACK-FEEDING, Precautions, Electrical Systems					ESO-LV, §2320.9
BACK-FEED VOLTAGES, protection from					ESO-HV, §2940.9
BACK-FLOW PROTECTOR, Acetylene					GISO, §4845(b)
BACKGUARDS					GISO, §3659
BACK-HOES				See **EARTHMOVING**	
”	”			See also EARTHMOVING **EQUIPMENT & HAULAGE VEHICLES**	
BACKPACK, Avalanche Blasting Packs					GISO, §5356(e)
BACK-UP, Alarms & Warning, Commercial Vehicles					GISO, §3706(b)
	Haulage Vehicles w/ 2.5 Yard Capacity, Alarm Specifications				CSO, §1592(a)
	Hoist & Tilt-Frame Refuse &Trash Collection Equipment				GISO, §4345
	Other Haulage Vehicles				CSO, §1592(b)
		Alternatives to Back-up Alarms			CSO, §1592(b)
BACK-UP LINES for Pipe Tongs					PSO-D&P, §6605
	Back-Up Posts				PSO-D&P, §6605
BACK-UP POWER SUPPLY SYSTEMS, Electrical, Emergency					ESO-LV, Article 80
	Accessibility				ESO-LV, §2571.25
	Application / Scope				ESO-LV, §2571.1
	Emergency Illumination				ESO-LV, §2571.16
	Sign Requirements				ESO-LV, §2571.30
	Switch Location				ESO-LV, §2571.21
	Tests & Maintenance				ESO-LV, §2571.4
	Wiring Methods				ESO-LV, §2571.9
BAKERY					
	Blenders & Dump bins				GISO, §4531
	Cake cutters				GISO, §4541
	Candy Making Machinery			See **CANDY MAKING**	
	Divider, Dough				GISO, §4545
	Door locks, operable from both sides				GISO, §4536
	Dough Brake				GISO, §4544
	Dump bins				GISO, §4531
	Food Grinders				GISO, §4552
	Garbage Disposal Equipment				GISO, §4559
	Inspection Requirements				GISO, §4530(a)
	Mixers				GISO, §4542
	Moulders				GISO, §4546
	Ovens				GISO, §4530
		Fired Ovens			GISO, §4530(b)
		Inspection Requirements			GISO, §4530(a)
		Oven Placement / Location			GISO, §4530(a)
		Recirculating Ovens			GISO, §4530(b)
		Shut-Off Requirements			GISO, §4530(a)
	Rotary Dough Kneaders				GISO, §4547
	Screw Conveyors				GISO, §4533
	Slicers & Wrappers				GISO, §4548
	Steam Kettles				GISO, §4537
	Storage Bins				GISO, §4532
	Wrappers				GISO, §4548
BALCONIES, Guardrails					GISO, §3210(a)
BALCONIES, serving as Exit					GISO, §3226
BALERS, Stationary Compaction Equipment					GISO, §4353
”	”	”	”	See Also **COMPACTION EQUIPMENT**	
BALLAST,per AgSO					GISO, §3437
BANDING / STRAPPING, Cutting Tool Required					GISO, §3330(b)
BAND-SAWS & BAND KNIVES					
	General Guarding Requirements				GISO, §4184
	Meat Cutting, Guarding of Blade				GISO, §4543
	Woodworking				GISO, §4310
BANK FACE, Mine, Free from Loose Material					MSO, §6984
BARE WIRES, (Open) Electrical Wiring, High Voltage					ESO-HV, Article 9
	Application / Scope				ESO-HV, §2755
	Clearances over Driveways				ESO-HV, §2758
	Insulators				ESO-HV, §2757
	Spacing Between Bare Parts / Surfaces				ESO-HV, §2756
BARE WIRES, (Open) Electrical Wiring, Low Voltage					ESO-LV, Article 16
	Conductor Supports				ESO-LV, §2420.4
	Exposed Wiring, Uses Permitted				ESO-LV, §2420.3
	Flexible Nonmetallic Tubing				ESO-LV, §2420.5
	Penetrations of Walls, Floors, Cross Members, etc.				ESO-LV, §2420.6
	Protection from Physical Damage				ESO-LV, §2420.7
BARGES					
	Access Ramp, Adequate Strength				CSO, §1603(a)
	Catwalks over Water				CSO, §1603(b)
	Cranes mounted on				GISO, §4885
	Decks Maintained in a Safe Condition, Water Safety				CSO, §1603.1(b)
	Fall Protection, Water Safety				CSO, §1603.1(d)
	Hand rail/Grab rail, Water Safety				CSO, §1603.1(a)
	Ladder to surface of Water, Water Safety				CSO, §1602(a)(4)

Moving of, Marine Terminal Operations		GISO, §3461
Ramp, Adequate Strength		CSO, §1603(a) & (b)
Walkway		CSO, §1603(b)
Working Surface of Barges, Water Safety		CSO, §1603.1
Ramp, Adequate Strength		CSO, §1603(a)
Fixed Ladder to surface of Water, Water Safety		CSO, §1602(a)(4)
BARIUM, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
BARRELS, Tumbling		GISO, §4238
BAR STOCK MACHINE (Class A)		See under **METAL WORKING MACHINES**
BARRICADES, Traffic Control, Public Streets & Highways		CSO, §1598
Flaggers		
BARRIER DEVICES, A & B		GISO, §4208
BASE PLATE, Metal Scaffolding		CSO, §1644(a)(3)
BASKET LITTER, / Stretcher		GISO, §3400(e)
Construction Operations		CSO, §1512(h)
Logging Operations		LSSO, §6251(b)
Marine Terminal Operations		GISO, §3464(b)(4)
Mining Operations		LSSO, §6969(a), (b)
Tunneling Operations		TSO, §8420(a)(1)
BATHROOMS		See **TOILETS**
		See also **AGRICULTURAL SAFETY ORDERS**, Field Sanitation
BATHS, Molten Salt		GISO, §5188
BATH TOWELS, In Shower Facility		GISO, §3366(f)(3)
BATTERIES		
Battery Systems		See **STORAGE BATTERY SYSTEMS**
	Definition	GISO, §5184(b)
Blasting Machines & devices, including		GISO, §5305
Changing & Charging		See **CHANGING & CHARGING STORAGE BATTERIES**
Designated Charge Location		See **CHANGING & CHARGING STORAGE BATTERIES**
Electrical Storage, Diffusion & Ventilation of Gas		ESO-LV, §2535.1
Engines, Covers to Prevent Inadvertent Contact		PSO-D&P, §6684(h)
BATTERIES, Changing & Charging		GISO, §5185
Compliance with Storage Battery Systems		GISO, §5185(a)
Corrosive Liquids, Spill Remediation, Neutralizing		GISO, §5185(d)
Location designed for		GISO, §5185(b)
Electrolyte Dispensing		GISO, §5185(e)
Electrolyte Mixing Area, Ventilated		GISO, §5185(f)
Employee Instruction		GISO, §5185(b)
Emergency Operations		GISO, §5185(b)
Eye & Body Flushing & Drenching Area		GISO, §5185(n)
Handling, Battery Lifting Devices		GISO, §5185(i)
Ignition Sources, Prevention		GISO, §5185(l)
Jumper battery		GISO, §5185(o)
Mobile Equipment		GISO, §5185(i)
Personal Protective Equipment		GISO, §5185(q)
Physical Damage Prevention, Charging Equipment		GISO, §5185(j)
Smoking Prohibition		GISO, §5185(k)
Specific Gravity Readings		GISO, §5185(g)
Spill Remediation, Neutralizing Corrosive Liquids		GISO, §5185(d)
Storage Racks, Non-conductive		GISO, §5185(l)
Vent Caps		GISO, §5185(m), (p)
Ventilation of Area		GISO, §5185(c)
BAYGON, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
BEAMS		
Fall Protection		CSO, §1669(a)
Structural steel erection		CSO, §1710
BEARING SETS, Underground Mining, per MSO		MSO, §6991
BEET TRUCKS		GISO, §3444
BELT CONVEYORS		See **CONVEYORS**
BELT & PULLEY DRIVES, Guarding		GISO, §4070
Belt Pulleys, Location of		GISO, §4060(a)
	Belt Stop	GISO, §4060(b)
	Belt Perches	GISO, §4060(c)
Belt Tighteners		GISO, §4071
Composition Pulleys, Out of Service		GISO, §4063
Corrosion, Pulleys Exposed to		GISO, §4062
Flat Belt		GISO, §4070(c)
Guardrail, by		GISO, §4070(c)
Location on Shaft	of Pulleys	GISO, §4060
Metallic Belt Fasteners / Lacings		GISO, §4070(h)
Out of Service, Composition & Wooden Pulleys		GISO, §4063
Overhead		GISO, §4070(d)
Rope Drive, Fray indication device		GISO, §4070(e)
	Guarded as required for Belt Drives	GISO, §4070(f)
	Safe Application of dressing	GISO, §4070(g)

Shifters				GISO, §3998
Tighteners				GISO, §4071
Wooden Pulleys				GISO, §4063
BELT SANDERS (Class B), Woodworking				GISO, §4312
BELTS, Body Belt, Positioning Devices				CSO, §1670
BELTS, Safety				
Use of, per CSO				CSO, §1670(b)
	Prohibition for Fall Arrest Systems			CSO, §1670(a)
	Roofing			CSO, §1724
Use of, per GISO				
	Amusement rides			GISO, §3907(c)
	Forklift, Industrial Truck			GISO, §3657(b)
		Order/Stock Pickers		GISO, §3656(e)
	Loose material, Bulk Storage			GISO, §3482(d)
	Vats, Pans & Tanks, Working over Hazardous Substances			GISO, §3480(c)(1)
	Window Cleaning Belts			GISO, §3284
		Approved Belts		GISO, §3284(a)
		Fall Protection Devices,	per CSO, §1670	GISO, §3284(c)
		Prohibited as Fall Arrest System		GISO, §3284(b)
	Window Cleaning Fall Protection Devices per,		CSO, §1670	GISO, §3284(c)
	Window Cleaning Harness & lanyards			GISO, §3284(b)
Use of, per MSO				MSO, §6981
	Type, Approval by Cal/OSHA			MSO, §6981(f)
Use of, per PSO-D&P				
	Derricks and Masts, Work on			PSO-D&P, §6580
BELTS, Seat				
Amusement Rides				GISO, §3907(c)
Back-Hoe, Seatbelts				CSO, §1596(a)
Earthmoving Equipment				GISO, §3653
Farm Labor Vehicles				GISO, §3702(h)
Forklifts, AKA - Industrial Trucks				GISO, §3653
Haulage Vehicles & Equipment, per CSO				CSO, §1591(h)
Haulage Vehicles, per GISO				GISO, §3653
Industrial Trucks				GISO, §3653
Jobsite Vehicles				CSO, §1597(g)
	Use of Seatbelts			CSO, §1597(h)
Transport of Employees				GISO, §3702(h)
BELTS, Window Cleaners'				GISO, §3284
Approved Belts				GISO, §3284(a)
Fall Protection Devices,		per CSO, §1670		GISO, §3284(c)
Prohibited as Fall Arrest System				GISO, §3284(b)
BENCHING & SLOPING, Excavations			See under **EXCAVATIONS**	
BENDING, Pipe				GISO, §4184
BENOMYL, Airborne Contaminant, Exposure limit				GISO, §5155, & Appx A
Listed, Permissible Exposure Limits				GISO, §5155, Table AC-1
BENZENE				GISO, §5218
” ”			See Also **CARCINOGENS**, Regulated	
	Application & Scope			GISO, §5218(a)
	Definitions			GISO, §5218(b)
Appendices				GISO, §5218(o)
Communication of Benzene Hazards				GISO, §5218(j)
	Information & Training			GISO, §5218(j)(3)
	Material Safety Data Sheets			GISO, §5218(j)(2)
	Signs & Labels			GISO, §5218(j)(1)
Effective Dates				GISO, §5218(n)
Employee Exposure Limits				GISO, §5218(c)
	Permissible Exposure Limit (PEL)			GISO, §5218(c)(1)
	Short Term Exposure Limit (STEL)			GISO, §5218(c)(2)
Engineering controls				GISO, §5218(f)(1)
Exposure Monitoring				GISO, §5218(e)
	Employee Notification of Results			GISO, §5218(e)(7)
	Observation of Monitoring			GISO, §5218(l)
	Sampling & Analytical Methods			GISO, §5218, Appx D
Material Safety Data Sheets				GISO, §5218, Appx A
Medical Surveillance				GISO, §5218(i)
	Additional Examinations & Referrals			GISO, §5218(i)(5)
	Emergency Examinations			GISO, §5218(i)(4)
	General Requirements			GISO, §5218(i)(1)
	Guidelines			GISO, §5218, Appx C
	Information Provided to the Physician			GISO, §5218(i)(6)
	Initial Examination			GISO, §5218(i)(2)
	Medical Removal of Employee			GISO, §5218(i)(8)
	Medical Removal Protection Benefits			GISO, §5218(i)(9)
	Periodic Examinations			GISO, §5218(i)(3)
	Physician's Written Opinions			GISO, §5218(i)(7)
Methods of Compliance				GISO, §5218(f)
	Compliance Program			GISO, §5218(f)(2)

	Engineering Controls & Work Practices		GISO, §5218(f)(1)
Observation of Monitoring			GISO, §5218(l)
Permissible Exposure limit			GISO, §5218(c)
Personal Protective Equipment			GISO, §5218(h)
Protective Clothing & Equipment			GISO, §5218(h)
Record keeping Requirements			GISO, §5218(k)
	Access to Records		GISO, §5218(k)(3)
	Exposure Measurements		GISO, §5218(k)(1)
	Medical Surveillance		GISO, §5218(k)(2)
	Transfer of Records		GISO, §5218(k)(4)
Regulated Areas			GISO, §5218(d)
Reporting Requirements pursuant to §5203			GISO, §5218(m)
Respiratory Protection			GISO, §5218(g)
	General Requirements		GISO, §5218(g)(1)
	Respiratory fit testing mandatory protocols		GISO, §5218, Appx E
	Respirator program		GISO, §5218(g)(2)
	Respirator Selection		GISO, §5218(g)(3)
Technical Information & Guidelines			GISO, §5218, Appx A, B
Training			GISO, §5218(j)(3)
BENZIDINE (& its salts)		See **CARCINOGENS**, Specified	
BENZO-A-PYRENE			GISO, §5191, Appx A
BENZOYL CHLORIDE, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
BENZOYL PEROXIDE, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
BENZYL ACETATE, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
BENZYL CHLORIDE, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
BERYLLIUM, per CSO			CSO, §1535.1
Scope and application			CSO, §1535.1(a)
Definitions			CSO, §1535.1(b)
	Action level		CSO, §1535.1(b)
	Airborne exposure		CSO, §1535.1(b)
	Beryllium lymphocyte proliferation test (BeLPT)		CSO, §1535.1(b)
	Beryllium work area		CSO, §1535.1(b)
	CBD diagnostic center		CSO, §1535.1(b)
	Chronic beryllium disease (CBD)		CSO, §1535.1(b)
	Competent person		CSO, §1535.1(b)
	Confirmed positive		CSO, §1535.1(b)
	Emergency		CSO, §1535.1(b)
	High-efficiency particulate air (HEPA) filter		CSO, §1535.1(b)
	Objective data		CSO, §1535.1(b)
	Physician or other licensed health care professional (PLHCP)		CSO, §1535.1(b)
Permissible Exposure Limits (PELs)			CSO, §1535.1(c)
	Time-weighted average (TWA) PEL		CSO, §1535.1(c)(1)
	Short-term exposure limit (STEL)		CSO, §1535.1(c)(2)
Exposure assessment			CSO, §1535.1(d)
	General requirements		CSO, §1535.1(d)(1)
	Performance option		CSO, §1535.1(d)(2)
	Scheduled monitoring		CSO, §1535.1(d)(3)
		Initial monitoring	CSO, §1535.1(d)(3)(A)-(D)
		Repeat monitoring	CSO, §1535.1(d)(3)(E)-(H)
	Reassessment of exposure		CSO, §1535.1(d)(4)
	Methods of sample analysis		CSO, §1535.1(d)(5)
	Employee notification of assessment results		CSO, §1535.1(d)(6)
	Observation of monitoring		CSO, §1535.1(d)(7)
Competent person			CSO, §1535.1(e)
	Inspections		CSO, §1535.1(e)(1)
	Written exposure control plan		CSO, §1535.1(e)(2)
	Respiratory protection		CSO, §1535.1(e)(3)
	Personal protective clothing and equipment		CSO, §1535.1(e)(4)
Methods of compliance			CSO, §1535.1(f)
	Written exposure control plan		CSO, §1535.1(f)(1)
		Content of written exposure control plan	CSO, §1535.1(f)(1)(A)
		Review and evaluation	CSO, §1535.1(f)(1)(B)
		Accessibility to employees	CSO, §1535.1(f)(1)(C)
	Engineering and work practice controls		CSO, §1535.1(f)(2)
		Required controls	CSO, §1535.1(f)(2)(A)

		Exemption to controls	CSO, §1535.1(f)(2)(B)
		Additional or enhanced controls	CSO, §1535.1(f)(2)(C)
	Rotation of employees		CSO, §1535.1(f)(3)
Respiratory protection			CSO, §1535.1(g)
	General requirements		CSO, §1535.1(g)(1)
	Respiratory protection program		CSO, §1535.1(g)(2)
	Powered air-purifying respirator (PAPR)		CSO, §1535.1(g)(3)
Personal protective clothing and equipment			CSO, §1535.1(h)
	Provision and use		CSO, §1535.1(h)(1)
	Removal and storage		CSO, §1535.1(h)(2)
	Cleaning and replacement		CSO, §1535.1(h)(3)
Hygiene areas and practices			CSO, §1535.1(i)
	General requirements		CSO, §1535.1(i)(1)
		Washing facilities	CSO, §1535.1(i)(1)(A)
	Change rooms		CSO, §1535.1(i)(2)
	Eating and drinking areas		CSO, §1535.1(i)(3)
	Prohibited activities		CSO, §1535.1(i)(4)
Housekeeping			CSO, §1535.1(j)
	General requirements		CSO, §1535.1(j)(1)
	Cleaning methods		CSO, §1535.1(j)(2)
	Disposal		CSO, §1535.1(j)(3)
Medical surveillance			CSO, §1535.1(k)
	General requirements		CSO, §1535.1(k)(1)
		Medical surveillance of employee	CSO, §1535.1(k)(1)(A)
	Frequency of medical examination		CSO, §1535.1(k)(2)
	Contents of examination		CSO, §1535.1(k)(3)
	Information provided to the PLHCP		CSO, §1535.1(k)(4)
	Written medical report for the employee		CSO, §1535.1(k)(5)
	Licensed physician's written medical opinion		CSO, §1535.1(k)(6)
	CBD diagnostic center		CSO, §1535.1(k)(7)
Medical removal of employee			CSO, §1535.1(l)
Communication of hazards			CSO, §1535.1(m)
	General requirements		CSO, §1535.1(m)(1)
	Warning labels		CSO, §1535.1(m)(2)
	Employee information and training		CSO, §1535.1(m)(3)
		Initial training	CSO, §1535.1(m)(3)(A)(2)
		Repeat training	CSO, §1535.1(m)(3)(A)(3)
		Additional training	CSO, §1535.1(m)(3)(C)
		Scope of training	CSO, §1535.1(m)(3)(B)
Recordkeeping			CSO, §1535.1(n)
	Air monitoring data		CSO, §1535.1(n)(1)
	Objective data		CSO, §1535.1(n)(2)
	Medical surveillance		CSO, §1535.1(n)(3)
	Training		CSO, §1535.1(n)(4)
	Access to records		CSO, §1535.1(n)(5)
	Transfer of records		CSO, §1535.1(n)(6)
Effective and compliance dates			CSO, §1535.1(o)
	Effective date		CSO, §1535.1(o)(1)
	Compliance dates		CSO, §1535.1(o)(2)
BERYLLIUM, per GISO			GISO, §5205
Scope and application			GISO, §5205(a)
Definitions			GISO, §5205(b)
	Action level		GISO, §5205(b)
	Airborne exposure		GISO, §5205(b)
	Beryllium lymphocyte proliferation test (BeLPT)		GISO, §5205(b)
	Beryllium work area		GISO, §5205(b)
	CBD diagnostic center		GISO, §5205(b)
	Chronic beryllium disease (CBD)		GISO, §5205(b)
	Confirmed positive		GISO, §5205(b)
	Emergency		GISO, §5205(b)
	High-efficiency particulate air (HEPA) filter		GISO, §5205(b)
	Objective data		GISO, §5205(b)
	Physician or other licensed health care professional (PLHCP)		GISO, §5205(b)
	Regulated area		GISO, §5205(b)
Permissible Exposure Limits (PELs)			GISO, §5205(c)

	Time-weighted average (TWA) PEL		GISO, §5205(c)(1)
	Short-term exposure limit (STEL)		GISO, §5205(c)(2)
Exposure assessment			GISO, §5205(d)
	General requirements		GISO, §5205(d)(1)
	Performance option		GISO, §5205(d)(2)
	Scheduled monitoring		GISO, §5205(d)(3)
		Initial monitoring	GISO, §5205(d)(3)(A)-(D)
		Repeat monitoring	GISO, §5205(d)(3)(E)-(H)
	Reassessment of exposure		GISO, §5205(d)(4)
	Methods of sample analysis		GISO, §5205(d)(5)
	Employee notification of assessment results		GISO, §5205(d)(6)
	Observation of monitoring		GISO, §5205(d)(7)
Beryllium work areas and regulated areas			GISO, §5205(e)
	Establishment		GISO, §5205(e)(1)
	Demarcation		GISO, §5205(e)(2)
	Access of regulated areas		GISO, §5205(e)(3)
	Personal protective clothing and equipment		GISO, §5205(e)(4)
Methods of compliance			GISO, §5205(f)
	Written exposure control plan		GISO, §5205(f)(1)
		Content of written exposure control plan	GISO, §5205(f)(1)(A)
		Review and evaluation	GISO, §5205(f)(1)(B)
		Accessibility to employees	GISO, §5205(f)(1)(C)
	Engineering and work practice controls		GISO, §5205(f)(2)
		Required controls	GISO, §5205(f)(2)(A)
		Exemption to controls	GISO, §5205(f)(2)(B)
		Additional or enhanced controls	GISO, §5205(f)(2)(C)
	Rotation of employees		GISO, §5205(f)(3)
Respiratory protection			GISO, §5205(g)
	General requirements		GISO, §5205(g)(1)
	Respiratory protection program		GISO, §5205(g)(2)
	Powered air-purifying respirator (PAPR)		GISO, §5205(g)(3)
Personal protective clothing and equipment			GISO, §5205(h)
	Provision and use		GISO, §5205(h)(1)
	Removal and storage		GISO, §5205(h)(2)
	Cleaning and replacement		GISO, §5205(h)(3)
Hygiene areas and practices			GISO, §5205(i)
	General requirements		GISO, §5205(i)(1)
		Washing facilities	GISO, §5205(i)(1)(A)
	Change rooms		GISO, §5205(i)(2)
	Showers		GISO, §5205(i)(3)
	Eating and drinking areas		GISO, §5205(i)(4)
	Prohibited activities		GISO, §5205(i)(5)
Housekeeping			GISO, §5205(j)
	General requirements		GISO, §5205(j)(1)
	Cleaning methods		GISO, §5205(j)(2)
	Disposal		GISO, §5205(j)(3)
Medical surveillance			GISO, §5205(k)
	General requirements		GISO, §5205(k)(1)
		Medical surveillance of employee	GISO, §5205(k)(1)(A)
	Frequency of medical examination		GISO, §5205(k)(2)
	Contents of examination		GISO, §5205(k)(3)
	Information provided to the PLHCP		GISO, §5205(k)(4)
	Written medical report for the employee		GISO, §5205(k)(5)
	Licensed physician's written medical opinion		GISO, §5205(k)(6)
	CBD diagnostic center		GISO, §5205(k)(7)
Medical removal of employee			GISO, §5205(l)
Communication of hazards			GISO, §5205(m)
	General requirements		GISO, §5205(m)(1)
	Warning signs		GISO, §5205(m)(2)
		Posting	GISO, §5205(m)(2)(A)
		Sign specification	GISO, §5205(m)(2)(B)
	Warning labels		GISO, §5205(m)(3)
	Employee information and training		GISO, §5205(m)(4)
		Initial training	GISO, §5205(m)(4)(A)(2)
		Repeat training	GISO, §5205(m)(4)(A)(3)

		Additional training	GISO, §5205(m)(4)(C)
		Scope of training	GISO, §5205(m)(4)(B)
Recordkeeping			GISO, §5205(n)
	Air monitoring data		GISO, §5205(n)(1)
	Objective data		GISO, §5205(n)(2)
	Medical surveillance		GISO, §5205(n)(3)
	Training		GISO, §5205(n)(4)
	Access to records		GISO, §5205(n)(5)
	Transfer of records		GISO, §5205(n)(6)
Effective and compliance dates			GISO, §5205(o)
	Effective date		GISO, §5205(o)(1)
	Compliance dates		GISO, §5205(o)(2)
Control Strategies - Appendix A			GISO, §5205(p)
Berrylium, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Berrylium Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
BERYLLIUM, per SSO			SSO, §8359.1
Scope and application			SSO, §8359.1(a)
Definitions			SSO, §8359.1(b)
	Action level		SSO, §8359.1(b)
	Airborne exposure		SSO, §8359.1(b)
	Beryllium lymphocyte proliferation test (BeLPT)		SSO, §8359.1(b)
	Beryllium work area		SSO, §8359.1(b)
	CBD diagnostic center		SSO, §8359.1(b)
	Chronic beryllium disease (CBD)		SSO, §8359.1(b)
	Confirmed positive		SSO, §8359.1(b)
	Emergency		SSO, §8359.1(b)
	High-efficiency particulate air (HEPA) filter		SSO, §8359.1(b)
	Objective data		SSO, §8359.1(b)
	Physician or other licensed health care professional (PLHCP)		SSO, §8359.1(b)
	Regulated area		SSO, §8359.1(b)
Permissible Exposure Limits (PELs)			SSO, §8359.1(c)
	Time-weighted average (TWA) PEL		SSO, §8359.1(c)(1)
	Short-term exposure limit (STEL)		SSO, §8359.1(c)(2)
Exposure assessment			SSO, §8359.1(d)
	General requirements		SSO, §8359.1(d)(1)
	Performance option		SSO, §8359.1(d)(2)
	Scheduled monitoring		SSO, §8359.1(d)(3)
		Initial monitoring	SSO, §8359.1(d)(3)(A)-(D)
		Repeat monitoring	SSO, §8359.1(d)(3)(E)-(H)
	Reassessment of exposure		SSO, §8359.1(d)(4)
	Methods of sample analysis		SSO, §8359.1(d)(5)
	Employee notification of assessment results		SSO, §8359.1(d)(6)
	Observation of monitoring		SSO, §8359.1(d)(7)
Regulated areas			SSO, §8359.1(e)
	Establishment		SSO, §8359.1(e)(1)
	Demarcation		SSO, §8359.1(e)(2)
	Access of regulated areas		SSO, §8359.1(e)(3)
	Personal protective clothing and equipment		SSO, §8359.1(e)(4)
Methods of compliance			SSO, §8359.1(f)
	Written exposure control plan		SSO, §8359.1(f)(1)
		Content of written exposure control plan	SSO, §8359.1(f)(1)(A)
		Review and evaluation	SSO, §8359.1(f)(1)(B)
		Accessibility to employees	SSO, §8359.1(f)(1)(C)
	Engineering and work practice controls		SSO, §8359.1(f)(2)
		Required controls	SSO, §8359.1(f)(2)(A)
		Exemption to controls	SSO, §8359.1(f)(2)(B)
		Additional or enhanced controls	SSO, §8359.1(f)(2)(C)
	Rotation of employees		SSO, §8359.1(f)(3)
Respiratory protection			SSO, §8359.1(g)
	General requirements		SSO, §8359.1(g)(1)
	Respiratory protection program		SSO, §8359.1(g)(2)
	Powered air-purifying respirator (PAPR)		SSO, §8359.1(g)(3)
Personal protective clothing and equipment			SSO, §8359.1(h)
	Provision and use		SSO, §8359.1(h)(1)
	Removal and storage		SSO, §8359.1(h)(2)

	Cleaning and replacement		SSO, §8359.1(h)(3)
Hygiene areas and practices			SSO, §8359.1(i)
	General requirements		SSO, §8359.1(i)(1)
		Washing facilities	SSO, §8359.1(i)(1)(A)
	Change rooms		SSO, §8359.1(i)(2)
	Eating and drinking areas		SSO, §8359.1(i)(3)
	Prohibited activities		SSO, §8359.1(i)(4)
Housekeeping			SSO, §8359.1(j)
	General requirements		SSO, §8359.1(j)(1)
	Cleaning methods		SSO, §8359.1(j)(2)
	Disposal		SSO, §8359.1(j)(3)
Medical surveillance			SSO, §8359.1(k)
	General requirements		SSO, §8359.1(k)(1)
		Medical surveillance of employee	SSO, §8359.1(k)(1)(A)
	Frequency of medical examination		SSO, §8359.1(k)(2)
	Contents of examination		SSO, §8359.1(k)(3)
	Information provided to the PLHCP		SSO, §8359.1(k)(4)
	Written medical report for the employee		SSO, §8359.1(k)(5)
	Licensed physician's written medical opinion		SSO, §8359.1(k)(6)
	CBD diagnostic center		SSO, §8359.1(k)(7)
Medical removal of employee			SSO, §8359.1(l)
Communication of hazards			SSO, §8359.1(m)
	General requirements		SSO, §8359.1(m)(1)
	Warning signs		SSO, §8359.1(m)(2)
		Posting	SSO, §8359.1(m)(2)(A)
		Sign specification	SSO, §8359.1(m)(2)(B)
	Warning labels		SSO, §8359.1(m)(3)
	Employee information and training		SSO, §8359.1(m)(4)
		Initial training	SSO, §8359.1(m)(4)(A)(2)
		Repeat training	SSO, §8359.1(m)(4)(A)(3)
		Additional training	SSO, §8359.1(m)(4)(C)
		Scope of training	SSO, §8359.1(m)(4)(B)
Recordkeeping			SSO, §8359.1(n)
	Air monitoring data		SSO, §8359.1(n)(1)
	Objective data		SSO, §8359.1(n)(2)
	Medical surveillance		SSO, §8359.1(n)(3)
	Training		SSO, §8359.1(n)(4)
	Access to records		SSO, §8359.1(n)(5)
	Transfer of records		SSO, §8359.1(n)(6)
Effective and compliance dates			SSO, §8359.1(o)
	Effective date		SSO, §8359.1(o)(1)
	Compliance dates		SSO, §8359.1(o)(2)
BERMS, Private Roads, Construction			MSO, §7014(g)
Application			MSO, §7014(h)
BEVERAGES, Consumption of Food & Beverages			GISO, §3368
Areas & Locations for Consumption			GISO, §3368(a) & (d)
	Prohibited Areas & Locations		GISO, §3368(b)
Mining Operations, Alcohol & Drugs Prohibition			MSO, §6973(c)
Blasting or Pyrotechnic Operations, Alcohol & Drugs Prohibition			GISO, §5247(b)
Waste Disposal Containers			GISO, §3368(c)
BIDRIN, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
BINS, Confined spaces, as			See **CONFINED SPACES**
BINS, Food & Tobacco Storage			GISO, §4532
BINS, BUNKERS & HOPPERS			GISO, §3481
” ”	”		CSO, §1548
Bulk Storage of Loose Materials			GISO, §3482
Fall Protection, Open Bins, Bunkers & Hoppers			GISO, §3480(a)
Toe Board			GISO, §3480(b)
Working Above			GISO, §3480(c)
Power Driven Process Equipment Employee Guarding			GISO, §3480(d)
BINS & BUNKERS, & Other Storage Containers, Entry into			MSO, §6981(a)
BINS & BUNKERS, Working Near Or Entering, per TSO			TSO, §8462
BIOLOGICAL HAZARDS, Symbols & Sign Design			GISO, §3340(d)(7)
BIOLOGICAL HAZARDS, Tags & Symbols			GISO, §3341(h)
Illustration			GISO, §3341(h)(1)
BIOLOGICAL SAFETY CABINETS			
Ventilation Requirements			GISO, §5154.2
		Application / Scope	GISO, §5154.2(a)

		Definitions		GISO, §5154.2(b)
Air Flow Measurements				GISO, §5154.2(f)
Appendices				GISO, §5154.2(h)
HEPA Filter Aerosol Test Protocol				GISO, §5154.2, Appx A
HEPA Filter Leak Testing				GISO, §5154.2(f)
Implementation				GISO, §5154.2(i)
Negative Pressure Requirements				GISO, §5154.2(e)
Operation Requirements				GISO, §5154.2(d)
Special Requirements				GISO, §5154.2(g)
Start Up & Shut Down Procedure				GISO, §5154.2, Appx B
Use Requirements				GISO, §5154.2(c)
Ventilation Rates				GISO, §5154.2(e)
BIPHENYL, Airborne Contaminant, Exposure limit				GISO, §5155, & Appx A
Listed, Permissible Exposure Limits				GISO, §5155, Table AC-1
BISCHLOROMETHYL ETHER, Acutely Hazardous Chemicals				GISO, §5189, Appx A
" " "		"	"	See also **CARCINOGENS**, Specified
BISMUTH TELLURIDE, Airborne Contaminant, Exposure limit				GISO, §5155, & Appx A
Listed, Permissible Exposure Limits				GISO, §5155, Table AC-1
BLACK POWDER				GISO, §5373
BLADE GUARD, Saw				GISO, §4302(a)
BLANKETS, First Aid				GISO, §3400(e)
Construction Operations				CSO, §1512(h)
Logging Operations				LSSO, §6251(b)
Marine Terminal Operations				GISO, §3464(b)(4)
Mining Operations				LSSO, §6969(a), (b)
Tunneling Operations				TSO, §8420(a)(1)
BLANKETS, **GLOVES, SLEEVES,** Electrically Insulating				ESO-HV, §2940.6(a)
BLAST-CLEANING, Abrasive Blasting				See **BLASTING**, Abrasive
BLASTER, Explosives				GISO, §5238(a)
" " "				See also under **EXPLOSIVES**
Licensing				See Cal/OSHA, Article 7
BLASTING, Abrasive				
Automatic systems required for Organic Abrasives				GISO, §5151(c)
Enclosures, Blast-Cleaning				GISO, §5151(a)
Nozzle, Manual Valve				GISO, §3301(d)
Nozzle Support, when unused				GISO, §3301(d)
Organic Abrasives, combustible				GISO, §5151(c)
Personal Protective Equipment				GISO, §3301(c)
" " " " "				GISO, §5151(b)
Protective Equipment				
	Ventilation & Personal Protection			GISO, §5151
		Abrasives, Organic		GISO, §5151(c)
		Enclosures, Blast-Cleaning		GISO, §5151(a)
		Personal Protective Equipment		GISO, §5151(b)
Respiratory Protection				GISO, §5151(b)
BLASTING AGENTS				See under **EXPLOSIVES**
BLASTING, Explosives				See under **EXPLOSIVES**
BLASTING MAT, General Requirement				GISO, §5276(f)
Required when blasting near or below Powerlines				GISO, §5279(b)
Walks and pipe storage racks				PSO-D&P, §6572
BLEACHERS, Design, Construction				GISO, §3239
BLENDERS, Food Service				GISO, §4531
BLINDING, Piping & Equipment				See **PIPE LINES & EQUIPMENT**, Blinding or Isolating of
BLOCKED AISLES, EXITS, Prohibited				GISO, §3225(a)
BLOCKED ELECTRICAL PANELS, Restricted Access				CSO, §2340.16
BLOCKING, Energized Machinery				GISO, §3314(d)
Blocking, Machinery, Per CSO				CSO, §1595
Blocking, while Repairing				GISO, §3314(d)
Energized Equipment				CSO, §1595
Equipment, due to Breakage/ Loosening/Falling Parts/Components				GISO, §3328(e)
Lock-Out / Lock-Out per GISO				GISO, §3314
	Accident prevention			
		Tags		GISO, §3314(e)
		Signs		GISO, §3314(e)
		Padlocks / seals		GISO, §3314(e)
	Affected employees			GISO, §3314(b)
	Cleaning, Servicing & Adjusting Operation			GISO, §3314(c)
	Hazardous energy Control Process			GISO, §3314(g)
	Inspection of			GISO, §3314(h)
	Repetitive Process Machinery			GISO, §3314(f)
	Training			GISO, §3314(j)
	Use of Outside Servicing Personnel			GISO, §3314(i)
Lockout / Tag Out, Control of Hazardous Energy, per ESO				
			Accident Prevention Tags	ESO-LV, §2320.6
	De-Energized Equipment or Systems			ESO-LV, §2320.4
	Testing, Treated as Energized until Tested			ESO-LV, §2320.3
Machinery, due to Breakage/ Loosening/Falling Parts/Components				GISO, §3328(e)

BLOCK-OUT / LOCK-OUT, Control of Hazardous Energy — GISO, §3314
- Accident prevention
  - Tags — GISO, §3314(e)
  - Signs — GISO, §3314(e)
  - Padlocks / seals — GISO, §3314(e)
- Affected employees — GISO, §3314(b)
- Cleaning, Servicing and adjusting operation — GISO, §3314(c)
- Hazardous energy Control Process — GISO, §3314(g)
- Inspection of — GISO, §3314(h)
- Repetitive Process Machinery — GISO, §3314(f)
- Training — GISO, §3314(j)
- Use of Outside Servicing Personnel — GISO, §3314(i)

BLOCKOUT / TAG OUT, Control of Hazardous Energy, per ESO
- Accident Prevention Tags — ESO-LV, §2320.6
- De-Energized Equipment or Systems — ESO-LV, §2320.4
- Testing, Treated as Energized until Tested — ESO-LV, §2320.3

BLOCKS & BLOCK HOOKS, Traveling — PSO-D&P, §6638

BLOCK SIGNALS, per TSO — TSO, §8477

BLOOD, Contaminated — See **BLOODBORNE PATHOGENS**

BLOODBORNE PATHOGENS — GISO, §5193
- Application & Scope — GISO, §5193(a)
- Definitions — GISO, §5193(b)
- Change Room — GISO, §5193(e)
- Communication of Hazards to Employees — GISO, §5193(g)
  - Labels & Signs — GISO, §5193(g)(1)
  - Training & Information — GISO, §5193(g)(2)
- Compliance, Methods of — GISO, §5193(d)
  - Engineering & Work Practice Controls, General — GISO, §5193(d)(2)
  - Engineering & Work Practice Controls, Specific — GISO, §5193(d)(3)
  - General Requirements — GISO, §5193(d)(1)
  - Personal Protective Equipment — GISO, §5193(d)(4)
- Employee notification — GISO, §5193(g)
  - Labels, Signs — GISO, §5193(g)(1)
  - Training / Information — GISO, §5193(g)(2)
- Exposure Response, Prevention & Control — GISO, §5193(c)
  - Exposure Control Plan — GISO, §5193(c)(1)
  - Exposure Determination — GISO, §5193(c)(3)
  - Sharps Injury Log — GISO, §5193(c)(2)
- Hepatitis B Vaccination & Bloodborne Pathogen
  - General Requirements — GISO, §5193(f)(1)
  - Hepatitis B Vaccine Declinations — GISO, §5193, Appx A
  - Healthcare Professional's Written Opinion — GISO, §5193(f)(5)
  - Hepatitis B Vaccination — GISO, §5193(f)(2)
  - Information Provided to Healthcare Professional — GISO, §5193(f)(4)
  - Medical Record keeping — GISO, §5193(f)(6)
  - Post-exposure Evaluation & Follow-up — GISO, §5193(f)(3)
  - Post-exposure Evaluation & Follow-up — GISO, §5193(f)
  - Vaccine Declinations — GISO, §5193, Appx A
- HIV, HBV & HCV, Research Laboratories & Production Facilities — GISO, §5193(e)
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BOILERS, Used, Installation of B&FPV, §767
BOLTING CSO, §1716(b)
BOLTS, Holding Power, Tables CSO, §1938, Appx B, Plate B-31
Strength of CSO, §1938, Appx B, Plate B-11
BONDING, Grounding Electrical Equipment & Installations ESO-LV, §2395.70
" " " " " See also **ELECTRICAL INSTALLATIONS**
Bonding in Hazardous Locations ESO-LV, §2395.78
Bonding Other Enclosures ESO-LV, §2395.75
Bonding Service Equipment ESO-LV, §2395.71
Cable armor, sheath, trays, other enclosures ESO-LV, §2395.75
General Requirement ESO-LV, §2395.70
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Attachment ESO-LV, §2395.79(b)
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Helicopter Bonding Requirement During fueling LSSO, §6325(e)
Liquefied Hydrogen (LH) Systems, Bonding Container & Associated Piping GISO, §5490
Mine & Tunnel Installations, Bonding & Equipment Conductors ESO-HV, §2917
Receptacle, Grounding to Box ESO-LV, §2395.74
Service Equipment, Bonding of ESO-LV, §2395.71
Trays & other enclosures ESO-LV, §2395.75
BONDING, Flammable Liquids Containers GISO, §5451(p)
BOOM CLEARANCE, Electrical ESO-HV, §2946(b)(2)
BOOM LIFTS GISO, §3648
BOOM-TYPE MOBILE CRANES See **CRANES**, Boom-Type Mobile Cranes
BOOTHS, SPRAY COATING OPERATIONS
Air velocity GISO, §5153(e)
Clear space around GISO, §5446(h)
Construction GISO, §5446(a)
Design & Construction GISO, §5446

Fire Protection			GISO, §5452
Hazardous Locations			ESO-LV, §2540.9
	Illustration of Hazardous Location		ESO-LV, §2540.9, Figures 1, 2 & 3
Ventilation			GISO, §5153
	Dilution of Flammable Vapors		GISO, §5153(d)
	Downdraft Booths		GISO, §5153(f)
	Exhaust Air		GISO, §5153(c)
	General System Requirements		GISO, §5143
	Make-up Air		GISO, §5153(c)
	Respiratory Protection		GISO, §5153(g)
	Spray Booth / Room, In		GISO, §5153(a)
	Spray Operation Requirements		GISO, §5153(b)
	Personal Protective Equipment		GISO, §5153(g)
	Ventilation Rate		GISO, §5153(e)
BOOTS, Turnout, Fire Fighter			GISO, §3411(d)
BORATES, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
BORING		See **DRILLING**	
BORING MACHINES, Woodworking			GISO, §4316
BORON OXIDE, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
BORON TRIBROMIDE, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
BORON TRICHLORIDE			
Process Safety Management			GISO, §5189, Appx A
BORON TRIFLUORIDE, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
Process Safety Management			GISO, §5189, Appx A
BOSUN'S CHAIR, AKA Boatswain's Chairs		See **BOATSWAIN'S CHAIRS**	
BOXES, Electrical Boxes, Cabinets, & Fittings			ESO-LV, Article 45
Conductors Entering			ESO-LV, §2473.1
Covers & Canopies			ESO-LV, §2473.2
BOX SHOOK CUT-OFF SAWS, Woodworking			GISO, §4304
BRACING / Supporting			
Beams & Columns			CSO, §1710(g)
Pump jacks			CSO, §1655
Trusses & Beams			CSO, §1710(a)(1)
BRACKET SCAFFOLDS		See under **SCAFFOLDS**	
BRAKES			
Cranes & Hoists			
	Hoisting Unit		GISO, §4898
	Foot Operated Brake Pedal		GISO, §4899
	Load Hoist Brakes, Cranes		GISO, §4930
	Locking Device		GISO, §4900
	Cage-operated cranes, bridge-mounted		GISO, §4901(a)
	Bridge motion brake Rating		GISO, §4901(b)
	Swinging Motion, Boom Type Cranes		GISO, §4901(c)
	Holding Type, Cab-Mounted Trolley		GISO, §4901(e)
		Drift Point Capable	GISO, §4901(f)
Defective Brakes, Prohibition			GISO, §3328(c)
Drilling & Well Servicing Oil & gas machinery			PSO-D&P, §6626
Earth moving Equipment			GISO, §3661
Elevator Driving Machine			ElevSO, §3093.34
Emergency brakes for			
	Amusement rides		GISO, §3904
	Forklifts / Industrial Trucks		GISO, §3661
	Permanent rides		PARSO, §3195.9
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Forklifts / Industrial Trucks			GISO, §3661
Gantry Trucks			GISO, §3809
Haulage Vehicles & Equipment, per GISO			GISO, §3661
Haulage Vehicles & Equipment, per CSO			CSO, §1591(c)
Industrial Railroads, per GISO			GISO, §3735
Industrial Trucks			GISO, §3661
Jobsite Vehicles, per CSO			CSO, §1597
Servicing & Drilling Machinery & Equipment, Oil & Gas Wells			PSO-D&P, §6626
Tractors, Brake & Parking Brake Requirement			GISO, §3661
	Locking / Parking		GISO, §3440(b)
Vehicles			CSO, §1597(c)
BRANCH CIRCUITS, High Voltage Electrical			ESO-HV, Article 5
Ampacity			ESO-HV, §2734
Branch Circuit, Over-current Protection			ESO-HV, §2735
Circuit Breakers			ESO-HV, §2735
Conductor, Over-current Protection			ESO-HV, §2735
Identification of Multi-wire Branch Circuits			ESO-HV, §2738
Over-current Protection			ESO-HV, §2735
Isolation Requirements			ESO-HV, §2737

Switching Requirements		ESO-HV, §2736
BRANCH CIRCUITS, Low Voltage Electrical		ESO-LV, Article 6
Cord Connections		ESO-LV, §2360.5
Ground-Fault Circuit Interrupter Protection		ESO-LV, §2360.3
Identification of Multi-wire Branch Circuits		ESO-LV, §2360.1
	Branch Circuits / Services, Feeder	ESO-LV, §2340.22(b)
Outlet Devices		ESO-LV, §2360.4
Receptacle & Cord Connectors		ESO-LV, §2360.2
BRANCH CIRCUITS & FEEDERS		ESO-HV, Article 5
Ampacity		ESO-HV, §2734
Circuit Breakers		ESO-HV, §2735
Identification of Multi-wire Branch Circuits		ESO-HV, §2738
Isolation Requirements		ESO-HV, §2737
Over-current Protection		ESO-HV, §2735
Switching Requirements		ESO-HV, §2736
BRAKE REPAIR, Asbestos Compliance Method		GISO, §5208(f)(3)
BREAD COOLER, Door Locks		GISO, §4536
BREAKS, from Work, Ergonomic Standard		
Control of Exposures, RMI Prevention Program Requirements		GISO, §5110(b)(2)
BREATHING AIR, Quality and Content		GISO, §5144(i)(1)
BREATHING APPARATUS, per TMO		TSO, §8430
Rescue Devices, I Hour		TSO, §8430(f)
Self-Contained Breathing Apparatus		
	Conditions of Use	TSO, §8430(e)
	Qualification	TSO, §8430(b)
Self Rescue Devices		TSO, §8430(g)
	Inspection of Self Rescue Devices	TSO, §8430(h),
	Training to Inspect Self Rescue Devices	TSO, §8430(i),
BRICKLAYERS, Scaffolds	See under **SCAFFOLDS**, per CSO	
BRICKS, Piles stabilized		CSO, §1549(a)
BRIDGES		
Construction of, Structural steel erection		CSO, §1710
Logging Operations, Logging Roads & Bridges		
	Construction & Maintenance of	LSSO, §6266
	Lighting	LSSO, §6267
BRIDGING, Terminus Points, Illustrations		CSO, §1710, Appx A
BROKEN CARGO, MATERIAL & EQUIPMENT, Repair or Stop Use		GISO, §3339(a)
BROKEN FLEXIBLE CORDS, Electrical		ESO-LV, §2500.9(a)
BROMACIL, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
BROMINE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
Process Safety Management		GISO, §5189, Appx A
BROMINE CHLORIDE		
Process Safety Management		GISO, §5189, Appx A
BROMINE PENTAFLUORIDE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
Process Safety Management		GISO, §5189, Appx A
BROMINE TRIFLUORIDE		
Process Safety Management		GISO, §5189, Appx A
BROMOFORM, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
BRUSH CHIPPER, Tree Work		GISO, §3424(c)
” ”	”	See Also **TREE WORK**, Maintenance & Removal
BUCKET ELEVATORS / Grain Handling		GISO, §5178(j)
BUCKETS, Handling of Asphalt & Pitch		CSO, §1725
BUCKETS, KETTLES & TANKERS, Tar, Asphalt /Hot Mopped Roofing		
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	Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
Asphalt & Pitch Kettles		CSO, §1726
Buckets, Kettles & Tankers, Handling of		CSO, §1725
Handling		CSO, §1725
Hot Asphalt & Hot Pitch Buckets		CSO, §1729
Kettles Mounted on Elevated Truck Beds		CSO, §1727
Specifications of Kettles		CSO, §1726(a)-(c)
	Covers	CSO, §1726(a)
Specifications of Buckets and Gallows-Type Frames		CSO, §1729
Fire Extinguisher		CSO, §1726(d)
Mounted on Truck Beds		CSO, §1727
Tar Pitch, Handling of		CSO, §1728
BUCKING & FALLING, Logging Operations		LSSO, Article 5
Bucking		LSSO, §6281
Escape Paths		LSSO, §6278
Falling Cuts		LSSO, §6279
Falling Trees		LSSO, §6275

Mechanical Falling Devices		LSSO, §6284
Portable Chainsaw Operations		LSSO, §6283
Ripping Logs		LSSO, §6282
Spring Boards & Chopping Platforms		LSSO, §6277
Traffic Control		LSSO, §6276
Tree Jacking		LSSO, §6285
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Warning Cry		LSSO, §6280
BUFFING OPERATIONS, Protective Equipment		See **GRINDING, POLISHING & BUFFING OPERATIONS**
BUFFING & POLISHING MACHINES (Class A)		See under **METAL WORKING MACHINES**
BUILDING ACCESS & EGRESS		
Egress Requirements for Equipment Structures		PSO-R,T&H, §6798
Illumination / lighting pursuant to §3317, GISO		PSO-R,T&H, §6799
		PSO-R,T&H, §6800
BUILDING MAINTENANCE OPERATIONS		
Existing Installations, no later than July 1, 1993		GISO, §3299, Appx D
Fall Protection, Mandatory & Mandatory Parts		GISO, §3299, Appx C
Illustrations	of Stabilizing Systems	GISO, §3299, Appx B
Inspection & Testing of Installation		GISO, §3296
	Procedures	GISO, §3299, Appx A
Maintenance of Equipment affecting Safe Operations		GISO, §3297
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Operations		GISO, §3298
	Examples	GISO, §3299, Appx A
	Training	GISO, §3298(a)
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Powered Platforms & Equipment, Used in		GISO, Article 6
	Application	GISO, §3292(b)
	Assurance, Employee	GISO, §3292(c)
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	Scope	GISO, §3292(a)
	Stabilizing Systems, Illustrations	GISO, §3299, Appx B
Powered Platform Installations, Equipment		GISO, §3295
	Design Standards	GISO, §3299, Appx A
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BUILDINGS, Design Requirements, Hydrogen Facilities		GISO, §5475
BUILDINGS, Plants, Facilities		
Aisles & walkways		GISO, §3272
	Clearances	GISO, §3272(f)
	Traffic aisles	GISO, §3272(e)
	Warning Signs, Clearance Limits	GISO, §3272(f)
	Width	GISO, §3272(b)
Alarm system		GISO, §3220(c)
Clearance from outdoor electrical wiring		ESO-LV, §2375.19(a)
Crawlways		GISO, §3272(a)
Decorations, drapes		GISO, §3217
Design Requirements, Special		
	Cold Storage, Processing & Manufacturing Rooms	GISO, §3249
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	Glass & Glazing	GISO, §3242
	Live Load	GISO, §3241
	Lamp Scaffolding / Parallels	GISO, §3247
	Mechanical Refrigeration	GISO, §3248
	Motion Picture Projection Rooms	GISO, §3245
	Refrigeration, Mechanical	GISO, §3248
	Warehouses, Working	GISO, §3241.1
Drapes, Decorative materials		GISO, §3217
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	Access to	ESO-HV, §2711
	Electrical Panels, Locking Prohibition	ESO-LV, §2340.16
	Or Blocked Exits, Prohibition	GISO, §3225(a)
Elevators		See **ELEVATORS**
Emergency action plan, evacuation		GISO, §3220
Exits, means of egress		GISO, §3215
	Arrangement & Distance to	GISO, §3222
	Signs	GISO, §3216
Fire Prevention		See **FIRE PREVENTION**
Fixed ladders		GISO, §3277, Figures 1-13
	Approved	GISO, §3277(a)
	Cages	GISO, §3277(g)
	Clearances	GISO, §3277(f)
	Design Considerations	GISO, §3277(c)
	Specific Features	GISO, §3277(d)

	Clearance		GISO, §3277(f)
	Cages or Wells		GISO, §3277(g)
	Pitch		GISO, §3277(h)
	Maintenance		GISO, §3277(i)
	Landing Platforms		GISO, §3277(j)
	Ladder Extensions		GISO, §3277(k)
	Grab Bars		GISO, §3277(l)
	Ladder Safety Systems		GISO, §3277(m)
	Deterioration prevention		GISO, §3277(e)
	Landing/platform		GISO, §3277(j)
	Wood Parts of Ladder	per GISO, §3276	GISO, §3277(c)(5)-(6)
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		Specifications of	GISO, §3212(c)
	Glazed surfaces, access		GISO, §3212(f)
		Access for Maintenance	GISO, §3212(g)
	Guarding, General		GISO, §3212(a)
	Guardrails	per §3209	GISO, §3212(d)
	Ladder ways		GISO, §3212(a)(2)
Foundations, Support Safely			GISO, §3241(d)
Guard rails, Standard			GISO, §3209
	At Elevated Locations		GISO, §3210
	Illustrations		GISO, §3209, Figure SG-1
Glazed surfaces, access Requirements			GISO, §3212(f)
	Alternate Access for Maintenance		GISO, §3212(g)
	Hand railings		GISO, §3234(g)
Industrial Plants			See **PLANTS**, Industrial
Landings			GISO, §3231(f)
Lighting			See **ILLUMINATION**
Loads, Live load			GISO, §3241
Maintenance			See **BUILDING MAINTENANCE OPERATIONS**
Overhead clearance			GISO, §3224
	Stairs, travelways		GISO, §3272(b)
Openings, access			GISO, §3271
Powered Work Platforms			
	For Exterior Building Maintenance		See **POWERED PLATFORMS**
Prime-movers, Machines & Equipment, Supported Safely			GISO, §3241(d)
Ramps, runways			GISO, §3273
Safe workspace, as			GISO, §3273
Service pits			GISO, §3213
Skylights, Roof openings			GISO, §3212(e)
Stairs, Hand rails			GISO, §3214
Stairs, Stairways, fixed			GISO, §3231
	Access, work locations		GISO, §3270(b)
		During Construction Operations	CSO, §1629
		Specifications of, During Construction Operations	CSO, §1626
	Alternating tread		GISO, §3234(i)
	Angle of rise		GISO, §3234(e)
		Construction Operations	CSO, §1626(b)(2)
	Completion of		CSO, §1629(b)(1)(A)
	Guardrails		CSO, §1626(a), (c)
	Handrails, railings		GISO, §3234(g)
	Head clearance		GISO, §3234(h)
	Locations, required		GISO, §3234(b)
		Construction Operations	CSO, §1629(a)(1)
	Platforms		GISO, §3234(f)
	Prohibitions		CSO, §1626(d)
	General		CSO, §1626(a)
	Width		GISO, §3234(d)
		Design	CSO, §1626(a)(1)
Stairwells			CSO, §1626
	Angle of rise		CSO, §1626(b)(2)
	General Requirements		CSO, §1626(a)
	Railings & Toeboards, Around		CSO, §1626(a)(2)
	Specifications, Stair Rails & Handrails for		CSO, §1626(c)
	Temporary		CSO, §1626(b), (d)
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Window cleaning			See **WINDOW CLEANING**
Window openings			GISO, §3211
Work area			GISO, §3273
BUILDINGS, Undermining During Excavation Prohibited			CSO, §1541(i)(1)
BUILDING VENTILATION, Mechanical Heating & Cooling			GISO, §5142
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BULK CARGO HANDLING			
Examination of Bulk Cargo Handling Devices, Testing			GISO, §5022
Manual Personnel Hoist			GISO, §3482(c)
BULKHEAD			**See Marine Terminal Operations**

BULK PLANTS, Flammable / Combustible Liquids		See **PLANTS**, Bulk, Flammable / Combustible Liquids
BULK STORAGE, of Loose Materials		GISO, §3482
Manual Personnel Hoist		GISO, §3482(c)
BULK-STORAGE PLANTS		
Hazardous Locations (Classified)		ESO-LV, §2540.8(b)
Flammable liquids		GISO, §5621
”	”	See **PLANTS**, Bulk, Flammable / Combustible Liquids
BULLDOZERS		See **EARTHMOVING EQUIPMENT & HAULAGE VEHICLES**
BULLETIN BOARDS		
Accident prevention program posting, per MSO		MSO, §6962
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BULLETIN BOARDS, Safety, per TSO		TSO, §8409
BUNGEE JUMPING OPERATION		See also **AMUSEMENT RIDES**
Defined as Amusement Ride		GISO, §3901(a)
BUNKERS & BINS, Working near or Entering, per TSO		TSO, §8462
BUNKERS, BINS & HOPPERS, per GISO		GISO, §3481
Bins, Bunkers & Hoppers		GISO, §3481
Bulk Storage of Loose Materials		GISO, §3482
Fall Protection, Open Bins, Bunkers & Hoppers		GISO, §3480(a)
Toe Board		GISO, §3480(b)
Working Above		GISO, §3480(c)
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BUNKERS, BINS & HOPPERS, per CSO		CSO, §1548
Bumper Stops Specifications		CSO, §1548(c)
Loading, Automotive Truck		CSO, §1548(c)
Open Top Bins		CSO, §1548(d)
	Open Top Bins, Guarding	CSO, §1548(d)(1)
Railings & Gratings		CSO, §1548(a)
	Grating strength	CSO, §1548(b)
BUNKERS, BINS & Other Storage Containers, Entry into, per MSO		MSO, §6981(a)
BURNS, Chemical/Thermal, Protection from Hazardous Liquids		GISO, §3302
BUS, Electrical, Metal-Enclosed		ESO-HV, Article 11
Adjacent & Supporting Structures		ESO-HV, §2765
Barriers & Seals		ESO-HV, §2767
Drain Facilities		ESO-HV, §2772
Grounding		ESO-HV, §2764
Identification / Nameplate		ESO-HV, §2771
Low-Voltage Wiring		ESO-HV, §2773
Neutral		ESO-HV, §2766
Perforated Enclosures		ESO-HV, §2768
Switches		ESO-HV, §2770
Terminations & Conned		ESO-HV, §2769
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BUTADIENE (1,3-BUTADIENE)		GISO, §5201
	Application & Scope	GISO, §5201(a)
	Definitions	GISO, §5201(b)
Airborne Contaminant		GISO, §5155, & Appx A
Appendices, Application of		GISO, §5201(p)
Communication of Hazards to Employees		GISO, §5201(l)
	Hazard communication	GISO, §5201(l)(1)
	Employee information & training	GISO, §5201(l)(2)
	Access to information & training materials	GISO, §5201(l)(3)
Compliance methods		GISO, §5201(f)
Effective Dates of §5201		GISO, §5201(o)
Emergencies		GISO, §5201(j)
Employee notification		GISO, §5201(l)
Exposure Goal Program		GISO, §5201(g)
Exposure Goal Plan		GISO, §5201(g)
Exposure limit,		GISO, §5201(c)
	as Airborne Contaminant	GISO, §5155, & Appx A
Medical screening & Surveillance		GISO, §5201(k)
Methods of compliance		GISO, §5201(f)
Monitoring, exposure		GISO, §5201(d)
	Protective clothing & equipment	GISO, §5201(j)
	Sampling & analysis	GISO, §5201, Appx D
Permissible Exposure Limits (PELS)		GISO, §5201(c)
Record keeping		GISO, §5201(m)
	Availability of Records	GISO, §5201(m)(5)
	Exposure measurements	GISO, §5201(m)(2)
	Medical Screening & Surveillance	GISO, §5201(m)(4)
	Objective data for exemption	GISO, §5201(m)(1)
	Respirator Fit-test	GISO, §5201(m)(3)
	Transfer of records	GISO, §5201(m)(6)
Regulated Areas		GISO, §5201(e)
Respiratory protection		GISO, §5201(h)
	General	GISO, §5201(h)(1)
	Respirator Program	GISO, §5201(h)(2)

Respirator selection per Table I — GISO, §5201(h)(3)
Reporting per §5203 — GISO, §5201(n)
Protective clothing & equipment — GISO, §5201(i)
BUTANONE (Methyl Ethyl Ketone, MEK), Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
BUTOXYETHANOL, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
BUTYL ACETATE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
BUTYL ACRYLATE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
BUTYL ALCOHOL, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
BUTYL AMINE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
BUTYL CELLOSOLVE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
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C

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CHLORINE DIOXIDE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
Process Safety Management		GISO, §5189, Appx A
Pulp, paper, & paperboard mill		GISO, §4419
CHLORINE PENTAFLUORIDE		
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
Process Safety Management		GISO, §5189, Appx A
CHLORINE TRIFLUORIDE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
Process Safety Management		GISO, §5189, Appx A
CHLOROACETALDEHYDE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
CHLOROACETONE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
CHLOROACETOPHENONE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
CHLOROACETYL CHLORIDE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
CHLOROBENZENE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
CHLOROBENZYLIDENE MALONITRILE		
Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
CHLOROBROMOMETHANE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
CHLORODIFLUOROMETHANE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
CHLORODIPHENYL, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
CHLOROFORM, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
CHLOROMETHYL METHYL ETHER		
Process Safety Management		GISO, §5189, Appx A
CHLORONITROPROPANE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
CHLOROPENTAFLUOROETHANE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
CHLOROPICRIN, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
Process Safety Management		GISO, §5189, Appx A
CHLOROPRENE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1

CHLOROPROPIONIC ACID, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
CHLOROSTYRENE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
CHLOROTOLUENE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
CHLORPYRIFOS, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
CHOCK TRUCK WHEELS, During Forklift Loading — GISO, §3650(t)(22)
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CHOKER, Logging, Illustration — LSSO, §6402, Appx A5
CHOP SAW, Cut-Off Saw — GISO, §4304
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CHRISTMAS TREES & Decorations, Fire safety — GISO, §3217
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CHROMITE ORE PROCESSING, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
CHROMIUM, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
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CHROMIUM (VI), Operations subject to CSO — CSO, §1532.2
Application & Scope — CSO, §1532.2(a)
Definitions, For the purpose of §1532.2 — CSO, §1532.2(b)
Changing Room — CSO, §1532.2(h)(2)
Communication of hazards — CSO, §1532.2(j)
Definitions, For the purpose of §1532.2 — CSO, §1532.2(b)
Eating & Drinking Areas — CSO, §1532.2(h)(4)
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Exposure determination — CSO, §1532.2(d)
Hygiene areas & practices — CSO, §1532.2(h)
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Permissible exposure limit (PEL) — CSO, §1532.2(c)
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Protective work clothing & equipment — CSO, §1532.2(g)
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CHROMIUM (VI), Operations subject to GISO — GISO, §5206
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Definitions, For the purpose of §5206 — GISO, §5206(b)
Changing Room — GISO, §5206(i)(2)
Communication of hazards — GISO, §5206(*l*)
Definitions, For the purpose of §5206 — GISO, §5206(b)
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Hygiene areas & practices — GISO, §5206(i)
Medical surveillance — GISO, §5206(k)
Methods of compliance — GISO, §5206(f)
Permissible exposure limit (PEL) — GISO, §5206(c)
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CHROMIUM (VI), Operations subject to SSO — SSO, §8359
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Communication of hazards — SSO, §8359(j)
Definitions, For the purpose of §8359 — SSO, §8359(b)
Eating & Drinking Areas — SSO, §8359(h)(4)
Effective Dates — SSO, §8359(*l*)
Exposure determination — SSO, §8359(d)
Hygiene areas & practices — SSO, §8359(h)
Medical surveillance — SSO, §8359(i)
Methods of compliance — SSO, §8359(e)
Permissible exposure limit (PEL) — SSO, §8359(c)
Prohibited Activities — SSO, §8359(h)(5)
Protective work clothing & equipment — SSO, §8359(g)
Record keeping — SSO, §8359(k)
Reporting requirements Pursuant to §5203 — SSO, §8359(m)
Respiratory protection — SSO, §8359(f)

Washing Facilities	SSO, §8359(h)(3)
CHROMIUM COMPOUNDS, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
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CHROMYL CHLORIDE, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
CHRYSOTILE, Asbestiform	See **ASBESTOS**, Subheading,
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CHUTE OPENING	CSO, §1632 *(l)*
CHUTES & ORE PASSES, per MSO	MSO, §7052
CIGAR CUTTER	GISO, §4558
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Access to	ESO-HV, §2711
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Closing rating	ESO-HV, §2837(c)
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In Lieu of, Mechanical Interlocks	ESO-HV, §2871(b)
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Isolation	ESO-HV, §2841
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Position Indicating	ESO-LV, §2390.81
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Portable switchboards on stage	ESO-LV, §2552.53
Position, indicating	
Overcurrent protection	ESO-LV, §2390.81
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" "	ESO-HV, §2710(d)
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Switches, used as	ESO-LV, §2390.83
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Used As Switches	ESO-LV, §2390.83
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Branch Circuits	
High Voltage	ESO-HV, Article 5
Ampacity	ESO-HV, §2734
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Identification of Multi-wire Branch Circuits	ESO-LV, §2360.1
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Reclosers, Automatic	ESO-HV, §2843
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CIRCULAR HAND SAWS		See under **PORTABLE POWER DRIVEN CIRCULAR HAND SAWS**
CIRCULAR KNIVES (Class B), Woodworking		GISO, §4302
CIRCULAR KNIVES, Guarding of Knives		GISO, §4464
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CIRCULAR RIPSAWS, Manual Feed (Class B), Woodworking		GISO, §4300
CIRCULAR RIPSAWS, Self Feeding (Class B), Woodworking		GISO, §4301
CIRCULAR SAW BLADES & KNIVES, Woodworking, Speed of		GISO, §4322
CIRCULAR SAWS, Metalworking Saw		GISO, §4231
CIRCULAR SAWS, Woodworking Hand Saw		GISO, §4307
Circular Knives		GISO, §4302
Cross-Cut Saw		GISO, §4302
Defective or Broken Saws Prohibited		GISO, §4307(d)
Disabling of Guard Prohibited		GISO, §4307(c)
Guarding Requirement		GISO, §4307(a)(b)
Disabling of Guard Prohibited		GISO, §4307(c)
Rip Saw		
	Manual Feed	GISO, §4300
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Table Saw		GISO, §4300.1
	Illustration	GISO, §4300.1, Figure A
CIRCULAR SAWS, Metal Cutting Saws		
CIRCULATING HOSE, & Rotary Hose & Standpipe		PSO-D&P, §6609
CIRCUSES, FAIRS, CARNIVALS & SIMILAR EVENTS		ESO-LV, Article 84
Application / Scope		ESO-LV, §2584.1
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Mullers & Similar Mixing & Grinding Mills		GISO, §4626
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CLEAN, Work Space		GISO, §3362(a)
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Drying tumblers		GISO, §4484
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Ironers		
	Body type	GISO, §4490
	Flatwork type	GISO, §4480
	Press type	GISO, §4492
	Rotary-body type	GISO, §4491
Marking machines		GISO, §4480
Operating rules		GISO, §4494
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CLEANING		
Machinery & Prime Movers, Lock-out / Tag-out		GISO, §3314
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Work Area		CSO, §1513(a)
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Spaying Liquids for cleaning Purposes	GISO, §5417(c)
Tubular Gauges, Shielding Requirements	GISO, §5417(f)
Ventilation Requirements when used as cleaner	GISO, §5417(b)
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Aisles and walkways	GISO, §3272(c)
Aisles for vehicle traffic	GISO, §3272(e)
Electrical Panels	ESO-LV, §2340.16
Passageways	GISO, §3272(c)
Passageways for vehicle traffic	GISO, §3272(e)
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CLEARANCES AND MINIMUM APPROACH DISTANCES	
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Cranes to Structures, Traveling Cranes	GISO, §4912
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Guards to Moving Parts	GISO, §3944
Outdoor Wiring, Clearance to Buildings	ESO-LV, §2375.19
Outdoor Wiring, Clearance from Ground	ESO-LV, §2375.18
Proximity to Overhead Lines	ESO-HV, §2946
Service Entrances, to	ESO-HV, §2723
Sprinklers, Fire Suppression System	GISO, §6170(c)(10)
Stringing or Removing High Voltage Lines	
Within 10 feet of Conductors(in Excess of 300V)	ESO-HV, §2941(i)
Structural Clearance, Traveling Cranes	GISO, §4912
Telecommunication Operations per TelSO	TelSO, §8602(h)
Work Procedure, Safe, Clearances	ESO-HV, §2940.2
Work Space about Electrical Equipment	ESO-LV, §2340.16
CLEAT, Double, Ladders	CSO, §1504
CLEATS, Ladders	CSO, §1676
CLEATS, Slippery Floor Remediation	GISO, §3272(d)
Protecting Workers on Slippery Working Areas	GISO, §3273(a)
CLIMBING OR CHANGING LOCATION	
Qualified employees on poles, towers, or similar structures, per ESO-HV	ESO-HV, §2940.6(b)(2)
Qualified employees on poles, towers, or similar structures, per ESO-LV	ESO-LV, §2320.8(a)(2)
Qualified telecommunication workers on poles, towers, or similar structures, per TelSO	TelSO, §8615(g)(2)
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CLINKING MACHINE, Leather & Composition Goods	GISO, §4510
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Guying of Hoist	CSO, §1605.6(b)
Rope Fastening, Construction Operations	CSO, §1605.13
Elevators, Passenger & Freight, Prohibited Use of	ElevSO, §3042(j)(1)(B)
Guard Railing, Used with Wire Rope as, Steel Erecting, Specification	CSO, §1710(*l*)(3)
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Rope Fastening, End Attachments	GISO, §4981(c)
Manufacturer's Recommendations for use of fist clip, per TSO	TSO, §8497(b), Table 2
Marine Terminal, Slings, Bridles, Wire Rope and Wire Rope Slings	GISO, §3474(m)(1)
Number and Spacing of U-Bolt Wire Rope Clips	GISO, §3474, Table MT-1
Mining Operation Conveyances, Hoisting Rope Attachment, Number Used	MSO, §7137
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Rigging, Visual Inspections by qualified person	GISO, §5031(a)
Rigging, Visual Inspections, frequency of	GISO, §5031(b)
Rope Fastening, Construction Operations	CSO, §1605.13
Slings, Job built, Specifications of use	GISO, §5045(d)(3)
Suspended Scaffolds, Securing of Wire rope with	CSO, §1665(b)
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Manufacturer's Recommendations for Using Fist Clips w/Thimble Terminations	TSO, §8497, Table 2
CLOPIDOL, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
CLOTH CUTTERS	GISO, §4476
CLOTHES-DRYER	
” ”	See Also **APPLIANCES**
Grounding, Electrical, Cord- & Plug-connected	ESO-LV, §2395.45(a)
CLOTHING (APPAREL)	
Appropriate for protection from hazardous or flying substances or objects	GISO, §3383(b)
Contamination by hazardous substance	
Asbestos	GISO, §1529
Lead	CSO, §1532.1(g)(1)
Petroleum	PSO-D&P, §6513
Electrical Work	

		Flame Resistant Apparel, High Voltage Electrical Work		ESO-HV, §2940.6(k)
		Flame Resistant Apparel, Low Voltage Electrical Work		ESO-LV, §2320.2(a)(8)
Haulage Vehicles & Earth Moving Equipment, Employees exposed to				CSO, §1590(a)(5)
High Visibility Safety Apparel requirements, Traffic Control				CSO, §1598(c)
High Visibility Safety Apparel during hours of darkness, Traffic Control				CSO, §1598(d)
High Visibility Safety Apparel, proper class for activity, Traffic Control				CSO, §1598(e)
High Visibility Safety Apparel requirements, Flaggers				CSO, §1599(d)
High Visibility Safety Apparel, hours of darkness				CSO, §1599(e)
High Visibility Safety Apparel, proper class for activity, Flaggers				CSO, §1599(f)
Highway construction site employees, high visibility apparel requirements				CSO, §1598(c)
Highway construction site employees, high visibility apparel/hours of darkness				CSO, §1598(d)
Highway construction site employees, high visibility apparel, proper class for activity				CSO, §1598(e)
		Flaggers, high visibility apparel requirements		CSO, §1599(d)
		Flaggers, high visibility apparel/hours of darkness		CSO, §1599(e)
		Flaggers, high visibility apparel, proper class for activity		CSO, §1599(f)
Laundries				See **CLEANERS & LAUNDERERS**
		Protective Clothing		See also **PERSONAL PROTECTIVE EQUIPMENT**
Protective Clothing / Equipment, per PSO-D&P				PSO-D&P, §6513
”	”	”	”	See also **PERSONAL PROTECTIVE EQUIPMENT**
CLUTCH REPAIR, Asbestos Compliance Methods				GISO, §5208(f)(3)
CLUTCHES, Guarding for				GISO, §4050
CLUTCH CONTROL, Foot Operated Devise, Protect from Unintended Operation				GISO, §4185
COAL DUST, Airborne Contaminant, Exposure limit				GISO, §5155, & Appx A
Listed, Permissible Exposure Limits				GISO, §5155, Table AC-1
COAL TAR, Pitch volatiles, Airborne Contaminant, Exposure limit				GISO, §5155, & Appx A
Listed, Permissible Exposure Limits				GISO, §5155, Table AC-1
COATED METALS, Heating, Welding, & Cutting of				CSO, §1537
COATING, Application Equipment, Securing of hoses, cables				CSO, §1700
”	”	”	”	See Also **SPRAY COATING OPERATIONS**
COATINGS				
Asbestos containing pipeline coating materials,				CSO, §1529
Scaffolding,				CSO, §1637
Welding, cutting, & heating				GISO, §3463
COBALT, Airborne Contaminant, Exposure limit				GISO, §5155, & Appx A
Listed, Permissible Exposure Limits				GISO, §5155, Table AC-1
COBALT CARBONYL, Airborne Contaminant, Exposure limit				GISO, §5155, & Appx A
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COBALT COMPOUNDS, Airborne Contaminant, Exposure limit				GISO, §5155, & Appx A
Listed, Permissible Exposure Limits				GISO, §5155, Table AC-1
COBALT HYDROCARBONYL, Airborne Contaminant, Exposure limit				GISO, §5155, & Appx A
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		Definitions		GISO, §5211(b)
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		Work Practice Controls during Coking		GISO, §5211(j)
		Work Practices during Pushing		GISO, §5211(k)
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		Change Rooms		GISO, §5211(r)(1)
		Lavatories		GISO, §5211(r)(4)
		Lunchrooms		GISO, §5211(r)(3)
		Prohibited Activities		GISO, §5211(r)(5)
		Showers		GISO, §5211(r)(2)
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" " " See also **WASTE DISPOSAL**
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` Competent person CSO, §1529(o)
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Notification of Cal/OSHA, 7 Days before			GISO, §6075(a)
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Oxygen Safety, Fire Prevention			GISO, §6115
Screens & Bulkheads			GISO, §6110
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	Definition		GISO, §6074
Telephone Communication			GISO, §6105
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Sanitary & Clean Condition Requirements			GISO, §6100(d)
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Asbestos removal limitations, per CSO			CSO, §1529(a)
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Air Compressor Systems for Diving Operations			GISO, §6057(d)
	Low pressure compressors		GISO, §6057(d)(2)
`	Air compressor intakes		GISO, §6057(d)(3)
Cadmium removal limitations			GISO, §5207(k)(6)
Cadmium removal limitations			CSO, §1532(k)(6)
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	Approved Connections		GISO, §4649(b)
	Construction/Design		GISO, §4649(a)
	Handling		GISO, §4650
	Maintained		GISO, §4649(a)
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	Storage		GISO, §4650(a)
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	Valve Protection Devises, Construction		GISO, §4649(c)
		Valve protection devices	GISO, §4650(f)
		Removal of regulators and valve protection devices	GISO, §4650(g)
		Prohibition of lifting cylinders by valve protection devices	GISO, §4650(j)
Explosives work under compressed air conditions			GISO, §5307
Pressurized worksites			See **PRESSURIZED WORKSITE OPERATIONS**
Tanks			See **AIR TANKS**
COMPRESSED AIR, Transfer of Flammable Liquids using			PSO-R,T&H, §6780
COMPRESSED BREATHING AIR			GISO, §5144(i)(1)
COMPRESSED CYLINDER GAS, Miscellaneous Use			GISO, §3304
COMPRESSED GAS & AIR, Equipment Requirements			
Construction of Cylinders			GISO, §4649
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Leaking Cylinders			GISO, §4650(p)
Marking of Cylinders			GISO, §4649
Safety Relief Devices			GISO, §4657
Storage of Cylinders, per GISO			GISO, §4650
Storage of Cylinders, per MSO			MSO, §6982(d)
	Valves Protection Requirement		MSO, §6982(e)
Use of Cylinders			GISO, §4650
COMPRESSED LIQUID CYLINDERS, per MSO			
Storage of Cylinders, per MSO			MSO, §6982(d)
	Valves Protection Requirement		MSO, §6982(e)
COMPRESSED NATURAL GAS			
Approval of devices			UFPV, §530
Compressors			
	Transfer operations		UFPV, §528
Contaminants, minimizing			UFPV, §527
Cylinders			
	Construction, General		UFPV, §456
	Construction, Compressed Natural Gas Systems		UFPV, §524
	Construction, Compressed Gas Cylinders, per GISO		GISO, §4649
	Contaminants, minimizing		UFPV, §527
	Design, General		UFPV, §456
	Design of, Compressed Natural Gas Systems		UFPV, §524
	Handling		GISO, §4650
	Loading platforms		UFPV, §531
	Marking		GISO, §4649
	Motor fuel		UFPV, §544
	Multiple cylinder units or groups		UFPV, §531
	Odorant, use		UFPV, §527
	Regulating equipment		GISO, §3304
	Safety relief devices		GISO, §4657
	Storage		GISO, §4650
	Use		GISO, §4650
	Warning signs		UFPV, §542
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	Storage & dispensing apparatus		UFPV, §530
Motor fuel tanks & cylinders			UFPV, §544
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	Alterations to		UFPV, §526
	Fire damage, inspection before return to service		UFPV, §526
	Plastic, acceptance tests		UFPV, §560, Appx C
	Repairs to		UFPV, §526
Pressure vessels, using to test; prohibition,			GISO, §3304
Prohibited Uses, Empty Containers			GISO, §3301(b)
Prohibited Uses, Elevate or Otherwise Transfer Substances			GISO, §3301(e)
Pump transfer operations			UFPV, §528
Regulating equipment			UFPV, §531
”	”		GISO, §3304
Reporting requirements			
	Alteration or repair to tanks, piping, or vaporizers		UFPV, §526
Safe practice violations			UFPV, §560
Skid tanks			UFPV, §534
Storage tanks			UFPV, §531
Storage inside buildings			UFPV, §543
Tanks			See **TANKS**
	Aboveground storage tanks Installation		UFPV, §532
	Alterations to		UFPV, §526
	Back-flow check valves		UFPV, §537
	Construction		UFPV, §455
	Construction of Natural Gas Tanks		UFPV, §523
	Contaminants, minimizing		UFPV, §527

		Definitions		UFPV, §453
		Design, General		UFPV, §455
		Design of Natural Gas Tanks		UFPV, §523
		Excess-flow valves		UFPV, §537
		Fire damage, inspection before return to service		UFPV, §526
		Fittings		UFPV, §536
		Gages		UFPV, §539
		Hoses		UFPV, §536
			Specifications	UFPV, §538
		Inspections		UFPV, §477
		Inspections, Field		UFPV, §462
		Underground storage tanks		UFPV, §533
		Installation		
			Aboveground storage tanks	UFPV, §532
			Underground storage tanks	UFPV, §533
		Motor fuel tanks		UFPV, §544
		Odorants, use		UFPV, §527
		Piping		UFPV, §536
		Piping Systems Valving & Labeling		UFPV, §537
		Pressure gages		UFPV, §539
		Pressure restrictions		UFPV, §528
		Repairs to		UFPV, §526
		Safety relief devices		UFPV, §537
		Safety relief devices for Compressed Gas Containers		GISO, §4657
		Safety relief devices & valves		UFPV, §541
		Shutoff valves		UFPV, §537
			Prohibition without Cal/OSHA Approval	UFPV, §541(a)(3)
		Skid tank		UFPV, §534
		Stamping on		UFPV, §523
		Storage tanks		UFPV, §531
		Transportation tanks		UFPV, §535
		Underground tanks		
			Distance between tanks	UFPV, §531
			Installation	UFPV, §533
		Valves, Design		UFPV, §536
		" "		UFPV, §537
			Aboveground storage tanks	UFPV, §532
			Shutoff valves	UFPV, §537
			Prohibition without Cal/OSHA Approval	UFPV, §541(a)(3)
		Warning signs		UFPV, §542
	Transfer operation & maintenance			UFPV, §528
	Transportation tanks			UFPV, §535
	Uses of Containers & tanks, Safety Precautions			UFPV, §560, Appx B
	Vaporization within buildings			UFPV, §543
	Vaporizers			
		Fire damage, inspection before return to service		UFPV, §526
	Ventilators			
		Alterations to		UFPV, §526
		Repairs to		UFPV, §526
COMPRESSED OXYGEN, Misuse of				GISO, §3305
COMPRESSORS, Air				GISO, §3518
”	”	”		See also **AIR TANKS**, Compressed Air
”	”	”		See also **UNFIRED PRESSURE VESSELS**
	Air Compressor Systems			GISO, §6057(d)
		Record keeping, Diving Operations		GISO, §6057(a)
	Automatic Start Warning			GISO, §3320
	Bleeding before Repairs, per MSO			MSO, §6996(b)
	Centrifugal (radial) compressor systems			GISO, §3518
	Grounding, Electrical			ESO-LV, §2395.45(a)
	Permit Required for Tanks			UFPV, §450(a)(3)
		Posting of Permit		UFPV, §461(c)
		Exempted Tanks		UFPV, §461(f)
	Prohibited uses of			
		Emptying containers of liquids		GISO, §3301(b)
		Elevating or otherwise Transferring Substances		GISO, §3301(e)
		In Flammable gasses/vapors		GISO, §3518(b)
		In Toxic atmospheres		GISO, §3518(b)
	Portable Air Compressors			CSO, §1696
		Blocking / Locking of Air Compressors		CSO, §1696(a)
		Grounding, Electrical		ESO-LV, §2395.45(A)
		Guarding Fans of Air Compressors		CSO, §1696(b)
		Draining of Condensate in Air Compressors		CSO, §1696(c)
		Testing, Safety Valves		CSO, §1696(d)
		Tanks, Comply UFPV		CSO, §1696(e)
	Radial Air Compressor systems			GISO, §3518
	Stationary Internal Engines Driving Compressors			PSO-D&P, §6554
	Bleeding before Repairs, per MSO			MSO, §6996(b)

COMPRESSORS, Gas			See **GAS COMPRESSORS & GAS PLANT REQUIREMENTS**
” ”	”		See **GAS COMPRESSORS**, per PSO-R,T&H
COMPUTER EQUIPMENT			ESO-LV, Article 77
Disconnecting means			ESO-LV, §2565.3
Interconnecting cables			ESO-LV, §2565.2(b)
	Under Raised Floors		ESO-LV, §2565.2(c)
Supply circuits			ESO-LV, §2565.2(a)
CONCRETE CONSTRUCTION			
Bracing			CSO, §1709(b)
Caps, Rebar			CSO, §1712(d)
Framed Panels and Concrete Forms			CSO, §1713(d)
Fall Protection			CSO, §1711(i)
Falsework & Vertical Shoring			CSO, §1717
Form panels, anchoring and guying,			CSO, §1713
Framing & Concrete Forms			CSO, §1713
Impalement Protection			CSO, §1711(f)
Job Build Protective Covers			CSO, §1712(d)
Lift-Slab Construction Operations			CSO, §1722.1
Loading per Design Capacity			CSO, §1709(a)
Masonry Construction,			CSO, §1722
Placement of Concrete			CSO, §1720
Plumbing Up			CSO, §1716(d)
Post-tensioning operations			CSO, §1711 (h)
	Written documentation		CSO, §1711 (h)(1)
	Employee permission		CSO, §1711 (h)(2)
	Signs and barricades		CSO, §1711 (h)(3)
	Prohibition of construction trades		CSO, §1711 (h)(4)
	Safe work platform		CSO, §1711 (h)(5)
		Guardrails and toeboards	CSO, §1711 (h)(5)(A)
	Securing of stressing equipment		CSO, §1711 (h)(6)
	Stressing equipment calibration		CSO, §1711 (h)(7)
	Inspection of stressing equipment		CSO, §1711 (h)(8)
	Forms, falsework and shoring		CSO, §1711 (h) (9
Precast, Hoisting & Erecting			CSO, §1714
Precast concrete construction			
	Defined		CSO, §1504
	Erection Plan		CSO, §1714(a)
	Hoisting & Erecting		CSO, §1714
		Supporting / Securing of Precast Construction	CSO, §1714(d)
		Tie-Backs during Adjustments	CSO, §1714(e)
	Lifting Inserts		CSO, §1714(b)
	Lifting Hardware		CSO, §1714(c)
Prefabricated Concrete, Erection of			CSO, §1714
Projections, Impalement Hazards			CSO, §1712
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Reinforcing Steel			
	Guy attachment, Use prohibited		CSO, §1713(c)
	Impalement Hazards		CSO, §1712
Riding on Loads			CSO, §1718
Riveting			CSO, §1716(c)
Shoring			CSO, §1717
Steel Frame, Light Gage Construction			CSO, §1716.2
Structural Steel Construction			See **STEEL**, Erection of Structural Steel
Tilt-up concrete panel construction			CSO, §1715
Vertical Shoring & Falsework			CSO, §1717
	Design Loads		CSO, §1717(a)
	Design		CSO, §1717(b)
	Inspection		CSO, §1717(c)
	Work Area and Procedures		CSO, §1717(d)
	Removal		CSO, §1717(e)
	Access to the bridge decks, prohibition of		CSO, §1717(f)
Vertical Slip Form Operations			CSO, §1719
Workers scaffolds			CSO, §1641
CONCRETE EQUIPMENT & TOOLS			CSO, §1698
Bull float handles			CSO, §1698(c)
Concrete buckets			CSO, §1720
Concrete buggies			CSO, §1720(a)
Concrete Mixers, skip clearing			CSO, §1698(a)
Concrete Mixers, guarding			CSO, §1698(b)
Concrete Pumps			CSO, §1720(b)
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    Derricks & Accessory Gear — GISO, §5023
  Testing, requiring — GISO, §5021
    Crane's Initial Use or After Repair — GISO, §5020
    Cranes over 3 tons rated capacity — GISO, §5021
    Proof Load Testing — GISO, §5022
    Test Weights — GISO, §5022.1
    Derricks & Accessory Gear, Proof Load Test & Examination — GISO, §5022
    Examination of Bulk Cargo Handling Devices — GISO, §5022
Clutches, Adjustments — GISO, §4932
Clearances
  To Electrical Conductors inside Cranes — ESO-LV, §2561.3
  To High Voltage overhead lines — ESO-HV, §2946(b), & Table 2
  Stationary Structures — GISO, §4912
  Passage Ways / Walkway, to — GISO, §4912(d)

Combustible materials, operation over				ESO-LV, §2561.2
Conductors				
	Enclosure			ESO-LV, §2561.11
	Track and runway conductor disconnecting means			ESO-LV, §2561.31
Controllers				GISO, §4896
Controls				ESO-LV, §2561.50
	Excavators, for			GISO, §4952
Couplers				GISO, §4927
Crane Certification, Certificate				GISO, §4885 Plate V
Crawler mounted cranes, Side-Boom cranes				GISO, §4945
	Hoist Mechanism			GISO, §4946
	Load Lowering Means			GISO, §4947
	Construction Operations, at			CSO, §1694
Damaged Booms				GISO, §5035
Demolition, used in				GISO, §4941
Derricks			See **DERRICKS**	
Disassembling of Booms				GISO, §4992
Disconnecting of Electrical Power				ESO-LV, §2561.32
Driver's position, Protection from Boom, Bucket				GISO, §4996
Electrical Requirements per ESO			See **CRANES**, Electrical Requirements per ESO	
Empty Hook, Block, Restraining / Securing During Travel				GISO, §4991(b)
Examination Certificate, Illustration				GISO, §4885 Plate V
	Issuance of	Certificate		GISO, §5025
Examination of Bulk Cargo Handling Devices, Testing				GISO, §5022
Excavators			See **CRANES**, Hydraulic & Excavators	
Fire extinguishers				GISO, §4997
Floating cranes				GISO, §4943
	Illustrations of			GISO, §4885 Plate III
	Life buoys			GISO, §4944
Floor-operated cranes				GISO, §5009
Flexible cords and cables, use				ESO-LV, §2500.7
Gantry Cranes				
	Brakes			GISO, §4901
	Bumpers/buffers			GISO, §4905
		energy absorbing capacity		GISO, §4905(b)
	Crushing injuries, protection			GISO, §4906(b)
	Guarding wheels			
		Gantry, tower, hammerhead, or portal crane trucks		GISO, §4906(b)
		Container-handling, rubber-tired gantry cranes		GISO, §4906(c)
	Multiple Gantry crane on a runway			GISO, §4905
Grounding				ESO-LV, §2395.42
	Tower cranes			GISO, §4969
Hand Signals				CSO, §1938, Appx C
	General Industry Crane Signaling Requirements			GISO, §5001
		Illustrations		GISO, §5001, Plate 1
Hoists			See also **HOISTS**, Auxiliary Equipment & Operations	
Hoist drums				GISO, §4929
Hoist mechanisms, Hydraulic cranes and excavators				GISO, §4946
Hoists, Mobile and Similar Equipment				GISO, §4986
Hoisting				GISO, §4994
Hoisting Operations				GISO, §4985
Hoisting Ropes				GISO, §4908
Hoisting Unit, Brakes				GISO, §4898
	Holding Brakes			GISO, §4898(c)
	Foot brake pedal			GISO, §4899
	Self Setting			GISO, §4898(a)
Hooks				
	Damaged, Removal from Service Criteria			GISO, §5031(d)(1)
	Inspection for Cracks, Deformation			GISO, §5031(b)(4)
	Lighting /Illumination of			GISO, §4940
	Safety Type Hooks, Overhead Loads			GISO, §5002
Hydraulic cranes and excavator				GISO, Article 94
"	"	"	See Also **CRANES**, Hydraulic cranes and excavator	
	Boom Hoist & Supporting Mechanism			GISO, §4949
	Brakes, Travel			GISO, §4953(a)
	Brakes, Service			GISO, §4953(b)
	Controls			GISO, §4952
	Hoist Mechanism			GISO, §4946
	Load Lowering			GISO, §4947
	Operating Requirements			GISO, §4954
	Purpose of Standards			GISO, §4945
	Relief Valves, Hydraulic			GISO, §4955
	Swing Lock and Swing Brake			GISO, §4951
	Travel lock or brake			GISO, §4953
Illumination of work area & load hooks				GISO, §4940
Inspection Requirements				GISO, §5031
	Annual			GISO, §5021

	Frequency			GISO, §5031(c)
	Examination by qualified person			GISO, §5031(d)
	Daily			GISO, §5031(b)
	Every 4 years, Proof Load Testing			GISO, §5022
	Periodic, Minimum 4x per Year			GISO, §5031(c)
	Qualified Person Conducting			GISO, §5031(a), (b)
	Record keeping			GISO, §5031(c)(4)
	Tower Cranes			GISO, §4965
	Written Log			GISO, §5031
	Licensing of Crane / Derrick Certifier		See Cal/OSHA, §344.60	
Lifting Magnets				ESO-LV, §2561.7
Lighting of work area & load hooks				GISO, §4940
Limit switches				ESO-LV, §2561.55
Load-hoist brakes				GISO, §4930
Load hoist drums				GISO, §4929
	Drum rotation indicator			GISO, §4929(f)
Load hooks, Lighting of				GISO, §4940
Load indication				GISO, §4907
Load rating chart				GISO, §4923
Load safety devices				GISO, §4924
Load				
	Determination of			GISO, §5026
	Handling of			GISO, §4999
	Capacity marking, Cranes			GISO, §4907(a)
		Hoist		GISO, §4973
	Overhead loads			GISO, §5002
	Proof load testing			GISO, §5022
	Rigging by Qualified Person (Rigger)			GISO, §4999(a)
	Safe working load			
		Increase		GISO, §5028
		Reduction		GISO, §5027
	Size, Limit			GISO, §4999(a)
	Test weights			GISO, §5022.1
	Testing			GISO, §5022
	Test weights			GISO, §5022.1
Loading onto Haulage Vehicle				GISO, §4996
Locking device, Brake				GISO, §4900
Locomotive cranes				
	Couplers			GISO, §4927
	Swing Limits			GISO, §4993(d)
Machine house, Cage, Cab				
	Access to Mobile Cranes			GISO, §4926
	Access to All Other Cranes			GISO, §4887
		Bridge / Gantry Cranes		GISO, §4887(b)
		Revolving Machine House, Cage, Cab		GISO, §4887(c)
	Outdoor machine house			GISO, §4888
Maintenance				GISO, §5033
Manbasket				GISO, §5004
	Anti Two-Block Device			GISO, §5004(e)(3)
	Application			GISO, §5004(a)
	Design Criteria			GISO, §5004(f)
	Exception to Prohibited Use			GISO, §5004(a)
	Free Fall Prohibition			GISO, §5004(e)
	Instrument & Component Requirements			GISO, §5004(e)
	Loading Requirements			GISO, §5004(h)
	Operating Criteria			GISO, §5004(d)
	Pre-Lift Meeting			GISO, §5004(m)
	Rigging of			GISO, §5004(i)
	Scope of §5004			GISO, §5004(a)
	Specifications			GISO, §5004(g)
	Traveling of Hoist or Crane			GISO, §5004(*l*)
	Trial Lift, Inspection & Proof Testing			GISO, §5004(j)
	Work Practices			GISO, §5004(k)
Marine terminal operations, use in				GISO, §3472
	Certification Requirement			GISO, §3473(a)
Magnets, Lifting				ESO-LV, §2561.7
Mining Operations, use in				MSO, §7012
Mobile Cranes, Boom-type			See also **CRANES**, Mobile Cranes, Boom-type	
Mobile Towers, Hoists and Similar Equipment				GISO, §4986
Motor controllers				ESO-LV, §2561.51
Motion, Bridges and Swing				GISO, §4901
Operating controls				GISO, §4921
Operating practices for Mobile tower cranes				GISO, §5008
Operating practices for Slings				GISO, §5042
Operating Rules for Cranes, Hoists & Derricks				GISO, Article 98
		Applications / Scope		GISO, §4990
	Booms			GISO, §4992

	Crane or Derrick Suspended Personnel Platform			GISO, §5004
	Driver Position, during loading			GISO, §4996
	Fire Extinguisher			GISO, §4997
	Floor-Operated Cranes			GISO, §5009
	Handling Loads			GISO, §4999
	High Voltage Lines, Accident Prevention			GISO, §5003
	Hoisting			GISO, §4994
	Limit Switches, testing			GISO, §5000
	Operator Certification, Mobile & Tower Cranes			GISO, §5006.1
	Operator Qualifications			GISO, §5006
	Operating Practices			GISO, §5008
	Outriggers, use of		See Outriggers, this Heading	
	Overhead Loads			GISO, §5002
	Refueling			GISO, §4998
	Riding loads Prohibited			GISO, §4995
	Rigging by Qualified Person (Rigger)			GISO, §4999(a)
	Side-boom Cranes, Subject to CSO			CSO, §1694
	Signal Requirements			GISO, §5001
		Hand Signals, Cranes		GISO, §5001, Plate I
		Hand Signals, Boom Equipments		GISO, §5001, Plate I
	Swing (Rotation)			GISO, §4993
	Suspended Personnel Platform, Crane or Derrick			GISO, §5004(d)
	Travel			GISO, §4991
		Accident Avoidance, During Travel		GISO, §4991(a)
		Empty Hook, Block, Restraining / Securing During Travel		GISO, §4991(b)
Operator Certification, Mobile Cranes & Tower Cranes				GISO, §5006.1
Operator’s cab				GISO, §4925
	Access to			GISO, §4926
	Overhead Protection			GISO, §4925(a)
Operators, qualifications, Cranes & Hoisting Equipment				GISO, §5006
Operators, qualifications, Mobile Crane & Tower Cranes				GISO, §5006.1
Outriggers, use of				GISO, §4994(b)
	Crane Suspended Personnel Platforms			GISO, §5004(d)
	Hydraulic Cranes & Excavators			GISO, §4954(a)
	Mobile Cranes			GISO, §4937
	Proof Load Testing, includes			GISO, §5022
	Testing of, Bulk Cargo Handling Devises			GISO, §5024
	Truck Cranes without			GISO, §4941(d)
Overhead high-voltage lines, Mobile tower cranes				GISO, §5003
Overhead Protection, Operator Cab				GISO, §4925(a)
Overhead travel, Mobile tower cranes				
	Hoist limit device			GISO, §4897
Personnel Platforms, Crane or Derrick Suspended				GISO, §5004
	Anti Two-Block Device			GISO, §5004(e)(3)
	Design Criteria			GISO, §5004(f)
	Exception to Prohibited Use			GISO, §5004(c)
	Free Fall Prohibition			GISO, §5004(e)
	Instrument & Component Requirements			GISO, §5004(e)
	Loading Requirements			GISO, §5004(h)
	Operating Criteria			GISO, §5004(d)
	Pre-Lift Meeting			GISO, §5004(m)
	Rigging of			GISO, §5004(i)
	Scope and Application of §5004			GISO, §5004(a)
	Specifications			GISO, §5004(g)
	Traveling of Hoist or Crane			GISO, §5004(*l*)
	Trial Lift, Inspection & Proof Testing			GISO, §5004(j)
	Work Practices			GISO, §5004(k)
Power-controlled lowering system				GISO, §4931
Proof load testing				GISO, §5022
Raceways, Conductor enclosures				ESO-LV, §2561.11
Rails				GISO, §4911
	Installation			GISO, §4911
	Clamps, Automatic			GISO, §4913
	Sweeps			GISO, §4906(a)
	Repair			GISO, §4909
	Runway, Rails & Joints			GISO, §4910
Refueling Engines				GISO, §4998
Repairs & Adjustments				GISO, §5034
Repair of Cranes & Derricks				GISO, §5034
	Damaged Boom Repair			GISO, §5035
	Runway			GISO, §4909
Riding on Loads, Hooks, slings Prohibited				GISO, §4995
Riding on Loads Prohibited, per CSO				CSO, §1718
Rigging by Qualified Person (Rigger)				GISO, §4999(a)
Runways				GISO, §4910
Runway repair				GISO, §4909
Runway travel limit devices				GISO, §4903

Safe Distances from high Voltage Lines				ESO-LV, §2561.3
Safe Operating Practices				GISO, §5042
Safe Working Loads Determination				GISO, §5026
	Increase			GISO, §5028
	Reduction			GISO, §5027
Sheaves				
	Guards			GISO, §4935.1
	Nip-Points			GISO, §4984
Side-boom cranes mounted on Crawlers				CSO, §1694
Signals				GISO, §5001
	Illustrations			GISO, §5001, Plate 1
	Person			GISO, §5001(a)
	Qualified Person			GISO, §5001(b)
	Signal Person, Qualified			
		Signal person		GISO, §5001(a)
		Qualified		GISO, §5001(b)
	Uniformity of			GISO, §5001(c)
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Slings				GISO, Article 101
		Application & Scope		GISO, §5040
		Definitions		GISO, §5041
		Illustrations		
			Quadruple Sling, links and chains	GISO, §5049, Figure S-1
			Quadruple Sling, handles	GISO, §5049, Figure S-2
			Quadruple Sling, Metal Mesh Sling	GISO, §5049, Figure S-3
			Basic Sling Configurations	GISO, §5049, Figure S-4
			Sling Configurations with Angled Legs	GISO, §5049, Figure S-5
			Basic Synthetic Web Sling Configuration	GISO, §5049, Figure S-6
	Alloy Steel Chain Slings			GISO, §5044
		Identifications / Markings		GISO, §5044(a)
		Heated / Heating of		GISO, §5044(f)
	Defective Hooks & Rings			GISO, §5049
	Fiber Rope Slings, Synthetic & Natural			GISO, §5047
	Inspections			GISO, §5043
	Metal Mesh Slings			GISO, §5046
	Natural fiber rope slings			GISO, §5047
		Identifications / Markings		GISO, §5047(g)
	Quadruple Slings, Illustration			GISO, §5049, Figure S-1
	Rated Capacities			
		Alloy steel chain slings		GISO, §5049, Table S-1
		Wrought iron chain		GISO, §5049, Table S-2
		Single leg slings, plow steel grade rope w/fiber core		GISO, §5049, Table S-3
		Single leg slings, plow steel grade rope w/independent wire rope core		GISO, §5049, Table S-4
		Single leg slings, cable laid rope, mechanical splice only		GISO, §5049, Table S-5
		Single leg slings, braided rope		GISO, §5049, Table S-6
		2-leg and 3-leg bridle slings, plow steel grade rope w/fiber core		GISO, §5049, Table S-7
		2-leg and 3-leg bridle slings, plow steel grade rope w/wire rope core		GISO, §5049, Table S-8
		2-leg and 3-leg bridle slings, cable laid rope, mechanical splice only		GISO, §5049, Table S-9
		2-leg and 3-leg bridle slings, braided rope		GISO, §5049, Table S-10
		Strand laid grommet, hand tucked		GISO, §5049, Table S-11
		Cable laid grommet hand tucked		GISO, §5049, Table S-12
		Strand laid endless slings, mechanical joint		GISO, §5049, Table S-13
		Cable laid endless slings, mechanical joint		GISO, §5049, Table S-14
		Cable type classifications and designations		GISO, §5049, Table S-15
		Fabric construction		GISO, §5049, Table S-16
		Carbon steel and stainless steel metal mesh slings		GISO, §5049, Table S-17
		Manila rope slings		GISO, §5049, Table S-18
		Nylon rope slings		GISO, §5049, Table S-19
		Polyester rope slings		GISO, §5049, Table S-20
		Polypropylene rope slings		GISO, §5049, Table S-21
		Synthetic web slings, 1,000 lbs. per inch of width		GISO, §5049, Table S-22
		Synthetic web slings, 1,200 lbs. per inch of width		GISO, §5049, Table S-23
		Synthetic web slings, 1,600 lbs. per inch of width		GISO, §5049, Table S-24
	Rings, Defective			GISO, §5049
	Safe Operating Practices			GISO, §5042
	Shackles			GISO, §5049(g)
		Identifications / Markings		GISO, §5049(g)(1), (2), (3)
		Loading, Not in Excess of Recommended Safe Working Load		GISO, §5049(g)(2)
			Safe Working Loads	GISO, §5049, Table S-25
	Ship building, Repair, & Breaking Operations			
		Compliant with GISO, Articles 96 &101		SSO, §8379(a)
		Use of Slings & Pendants		SSO, §8379
		Handling materials		SSO, §8381
		Materials Requirements		SSO, §8380
		Pendent Requirements, Two Required		SSO, §8380
		Securing and fastening materials		SSO, §8383
	Synthetic Web Slings			GISO, §5048

		Identifications / Markings	GISO, §5048(a)
	Wire Rope Slings		GISO, §5045
		Identifications / Markings	GISO, §5045(g)
Starting and stopping gradually			GISO, §4965
Suspended Personnel Platform for Crane or Derrick			GISO, §5004
	Anti Two-Block Device		GISO, §5004(e)(3)
	Design Criteria		GISO, §5004(f)
	Exception to Prohibited Use		GISO, §5004(c)
	Free Fall Prohibition		GISO, §5004(e)
	Instrument & Component Requirements		GISO, §5004(e)
	Loading Requirements		GISO, §5004(h)
	Operating Criteria		GISO, §5004(d)
	Pre-Lift Meeting		GISO, §5004(m)
	Rigging of		GISO, §5004(i)
	Scope and Application of §5004		GISO, §5004(a)
	Specifications		GISO, §5004(g)
	Traveling of Hoist or Crane		GISO, §5004(*l*)
	Trial Lift, Inspection & Proof Testing		GISO, §5004(j)
	Work Practices		GISO, §5004(k)
Swing, Rotating of Crane			GISO, §4993
	Sudden Stopping Avoided		GISO, §4993(a)
	Tag / Restraint lines, use of		GISO, §4993(b)
	Personnel Mounting		GISO, §4993(c)
	Locomotive train limits		GISO, §4993(d)
Swinging Motion, Brakes for			GISO, §4901
Switching Devices, prohibited location			ESO-LV, §2561.8
Testing			GISO, Article 99
	Accessory Gear		GISO, §5022
	Brakes		GISO, §4994(c)
	Bulk Cargo Handling Devises		GISO, §5024
	Certificates		GISO, §5025
	Certificate of Testing		GISO, §4885 Plate V
	Crane's Initial Use or After Repair, When Testing is Required		GISO, §5020
	Cranes over 3 tons rated capacity		GISO, §5021
	Derricks & Accessory Gear, Proof Load Test & Examination		GISO, §5022
	Equipment over Three Tons Rated Capacity		GISO, §5021
	Examination of Bulk Cargo Handling Devices		GISO, §5024
	Operational Testing		GISO, §5020
	Proof Load Testing & Examination		
		Cranes & Accessory Gear	GISO, §5022
		Derricks & Accessory Gear	GISO, §5023
	Safe Working Loads Determination		GISO, §5026
	Safe Working Loads Increase		GISO, §5028
	Safe Working Loads Reduction		GISO, §5027
	Test Weights		GISO, §5022.1
Tower Cranes			See **CRANES**, Tower Cranes
Travel, Accident Avoidance During			GISO, §4991
Working Loads & Limitations			
	Absence of Manufacturer's Data		GISO, §5026
	Increase of		GISO, §5028
	Reductions of		GISO, §5027
CRANES & Hoisting Equipment, per LSSO			
Boom-type Machines			LSSO, §6315(e)
Mobile Yarders & Loaders			LSSO, §6304
CRANES & Hoisting Equipment, per MSO			MSO, §6982(g)
Cranes & Loading Devices			MSO, §7012
Surface Operations			MSO, §6976
	Showers		MSO, §6976(a)
Underground Mines			MSO, §6977
	Showers		MSO, §6977(c)
CRANES & Hoisting Equipment, All except Boom-Type Mobile Cranes			GISO, Article 92
	Application / Purpose		GISO, §4886
Access to Cab, Cage, or Machine House			GISO, §4887
Brake or Non-Costing Mechanism			GISO, §4901
Brakes, Bridge Motion, foot brake			GISO, §4901(a)
Brakes, Bridge Motion, braking rate			GISO, §4901(b)
Brakes, Hoisting Unit			GISO, §4898
	Foot operated Brake Pedal		GISO, §4899
	Locking Device		GISO, §4900
	Brakes for Bridge Motion. Foot brake		GISO, §4901(a)
	Brakes for Bridge Motion, braking rate		GISO, §4901(b)
Brakes, Swinging Motion, Boom Type Cranes			GISO, §4901(c)
Brakes for Cab-Mounted Trolley, holding type			GISO, §4901(e)
Brakes for Cab-Mounted Trolley, drift point			GISO, §4901(f)
Bridge & Gantry Buffers			GISO, §4905
Boom Hoist Mechanism			GISO, §4902
Buffers, Bridge & Gantry			GISO, §4905

	Bumpers, Trolley			GISO, §4904
	Cab, Access to			GISO, §4887
		Outdoor Cab		GISO, §4888
		Illumination / Lighting, inside		GISO, §4895
	Cage, Access to			GISO, §4887
		Outdoor Cage		GISO, §4888
		Illumination / Lighting, inside		GISO, §4895
	Capacity Marking, Load Indication			GISO, §4907
	Clearances, Structural, Traveling Cranes			GISO, §4912
	Controllers			GISO, §4896
	Crane Runways			GISO, §4910
	Electrical Requirements per ESO		See **CRANES**, Requirements per ESO	
	Fenders, Wheel Guards			GISO, §4906
	Guarding of Hoisting Ropes for prevention of fouling or chafing			GISO, §4908(b)
	Guarding of Hoisting Ropes to prevent contact between conductors and hoisting ropes			GISO, §4908(c)
	Gantry trucks (Straddle Carriers)			GISO, Article 31
		Access to		GISO, §3803
		Brakes		GISO, §3809
		Guarding, Wheel		GISO, §3805
			Exception to Guarding	GISO, §3805(b)
		Lights		GISO, §3808
		Operating Rules		GISO, §3807
		Speed Control		GISO, §3806
			Governor	GISO, §3806(a)
			Restricted Walkways	GISO, §3806(b)
			Speed Zones	GISO, §3806(b)
		Visibility		GISO, §3802
		Warning Devices		GISO, §3801
	Hoist Limit Devices			GISO, §4897
	Hoisting Ropes			GISO, §4908
		Guarding for prevention of fouling or chafing		GISO, §4908(b)
		Guarding to prevent contact between bridge conductors and hoisting ropes		GISO, §4908(c)
	Hoisting Unit, Brakes of			GISO, §4898
		Foot operated Brake Pedal		GISO, §4899
		Locking Device		GISO, §4900
	Illumination, Cab			GISO, §4895
	Limit Devices, Hoist			GISO, §4897
	Load Indication, Capacity Marking			GISO, §4907
	Machine House, Access to			GISO, §4887
		Outdoor Machine House		GISO, §4888
	Non-Costing Mechanism or Brake			GISO, §4901
	Operating Rules		See under **CRANES**	
	Operator Qualifications			GISO, §5006
	Outdoor Cages, Cabs, Machine Houses			GISO, §4888
	Rail Clamps & Wind Indicators			GISO, §4913
	Rail Sweeps			GISO, §4906
	Rails			GISO, §4911
	Repairs to Runways			GISO, §4909
	Rigging by Qualified Person (Rigger)			GISO, §4999(a)
	Ropes, Hoisting			GISO, §4908
		Guarding to prevent fouling or chafing		GISO, §4908(b)
		Guarding to prevent contact between bridge conductors and hoisting ropes		GISO, §4908(c)
	Runway, Travel Limit Device			GISO, §4903
	Runways, Crane			GISO, §4910
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	Energized Parts, Access			ESO-LV, §2561.3
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DAMAGE PREVENTION, Electrical Equipment	ESO-LV, §2340.26
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DAMP & WET LOCATIONS, Electrical Fixtures in	ESO-LV, §2510.5
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DANGEROUS EXCAVATIONS, at Underground Mines	MSO, §7178
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DEBRIS, cleaning up at Construction Sites, Housekeeping — CSO, §1513
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Process Safety Management			GISO, §5189, Appx A
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1, 2 DIBROMO-3-CHLOROPROPANE (DPCP) (Nemagon)			GISO, §5212

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See Also **CARCINOGENS**, Regulated

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DIBUTYL PEROXIDE
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DIBUTYL PHENYL PHOSPHATE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
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DIBUTYL PHOSPHATE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
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DIBUTYL PHTHALATE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
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DICHLOROACETYLENE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
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DICHLOROBUTENE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
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DICHLORODIFLUOROMETHANE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
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DICHLORODIMETHYL HYDANTOIN, Airborne Cont, Exposure limit — GISO, §5155, & Appx A
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DICHLOROETHANE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
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DICHLOROETHYLENE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1

DICHLOROETHYL ETHER, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
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DICHLOROFLUOROMETHANE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
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DICHLORONITROETHANE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
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2,4-DICHLOROPHENOXY ETHYL SODIUM SULFATE(Sesone)		
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DICHLOROPROPENE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
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DICYCLOPENTADIENE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
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DICYCLOPENTADIENYL IRON, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
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DIELECTRIC & INDUCTION HEATING EQUIPMENT	ESO-LV, Article 77.2
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    - Posting of report — GISO, §5203(g)
    - Report of Use — GISO, §5203(d)
    - Temporary worksites — GISO, §5203(e)
    - Use requiring reporting — GISO, §5203(c)
  - Compressed natural gas Tanks, Welded Piping or Welded Vaporizers
    - Alteration & Repair — UFPV, §526(f)
  - Dichloromethane, Methylene Chloride (MC), Carcinogen Use Reporting — GISO, §5203
  - Explosives, Manufacturing Operations — GISO, §5320
  - Fatalities & Serious Injuries — See Cal/OSHA, §342
  - Fatality, per TSO — TSO, §8420(c)
  - Incident Notification — MSO, §6960(a)
  - Lead work, Notification of disposal of Records — GISO, §5198(n)(5)
    - Notification of disposal of Records — CSO, §1532.1(n)(6)
  - Liquefied Natural Gas, Tanks, Welded Piping or Welded Vaporizers
    - Alteration & Repair — UFPV, §526
  - Methylene Chloride, Carcinogen Use Reporting — GISO, §5203
  - Methylenedianiline, Carcinogen Use Reporting — GISO, §5203
  - Mining Operations
    - Conditions, Unsafe, reporting to Employer — MSO, §6965
    - Incident, per MSO — MSO, §6960(a)
      - Accident that increases Mining hazards — MSO, §6960(a)(10)
      - Accumulation of gas — MSO, §6960(a)(2)
      - Approaching Mine working w/ Gas or Water — MSO, §6960(a)(6)
      - Crushing of Active Mine Workings — MSO, §6960(a)(7)
      - Fatality — MSO, §6960(a)(9)
      - Fire — MSO, §6960(a)(1)
      - Ground Instability — MSO, §6960(a)(8)
      - Hoisting Equipment Breakage — MSO, §6960(a)(3)
      - Injury, Serious — MSO, §6960(a)(9)
      - Inrush of Water, Serious — MSO, §6960(a)(5)
      - Overwinding, Hoisting Equipment — MSO, §6960(a)(4)
  - Notification of Fatality, per TSO — TSO, §8420(c)
  - Poster, Cal/OSHA — See Cal/OSHA, §340
  - Pressurized Worksite Operations — GISO, §6075(a)
  - Tremolite, Non-Asbestiform, Exposure — GISO, §5208.1(l)
  - Tunneling Operations
    - Fatality — TSO, §8420(c)
    - Tunnel Classifications — TSO, §8422(a)
      - Reclassification — TSO, §8422(e)

DOCK PLATES & LOADING RAMPS — GISO, §3337

DOCKS, Marine terminal operations				GISO, §3465
" " " " "			See also **MARINE TERMINAL OPERATIONS**	
DOCTORS			See **PHYSICIANS**	
DODGE-EM RIDES, Amusement Rides				GISO, §3907(b)
DOLLIE, Hand				GISO, §3315
DOORS & DOORWAYS			See also **EXITS**	
Entry				GISO, §3235
Hoists, personnel				CSO, §1604.6
Places of Employment, at				GISO, §3235
Cargo Doors				GISO, §3323
Tele-Communication Operations, per TelSO				TelSO, §8602(d)
Unlocked				GISO, §3235(e)
DOOR LOCKS, Operable From Both Sides				GISO, §4536
DOT, Placards, Labels, Markings				GISO, §5194.1
Truck Transport				GISO, §5270
DOUBLE CONNECTIONS, Structural Steel, Illustrations				CSO, §1710, Appx B
DOUBLE CLEAT LADDER				CSO, §1504(B)
DOUBLERS (Sliver & Ribbon Lap Machines)				GISO, §4469
DOUGH BRAKE, Food Service				GISO, §4544
DRAGLINES, Shovels & Loading Devices				MSO, §7012
Parts Subject to Wear				MSO, §7011
	Inspection Requirement			MSO, §7011(a)
	Inspection Reports, Cal/OSHA Mandated			MSO, §7011(b)
	Intervals of Inspections			MSO, §7011(c)
DRAIN, Discharge Locations				GISO, §3310
DRAINAGE, Of Hazardous Substances, per PSO-R,T&H				PSO-R,T&H, §6828
DRAINAGE, Control				
Aboveground Tanks, per GISO				GISO, §5595(a)
Aboveground Tanks, per PSO-D&P				PSO-D&P §6548
Aboveground Tanks, per PSO-R,T&H				PSO-R,T&H, §6805(a)
Inside Buildings				GISO, §3309
Oil, Oil Water Mixture, Haz-Waste, Collection Sumps, Pits, Ponds				PSO-D&P, §6538
Storage Tanks				GISO, §5595(a)
DRAINAGE SUMPS, Pits, Ponds for Oil Collection				PSO-D&P, §6538
DRAPES, Decorative Materials				GISO, §3217
DRAWING FRAMES, Textile Machinery				GISO, §4459
DRESSING ROOMS, per TSO				TSO, §8431
DRILLING, Use of Drilling Equipment, per GISO				GISO, §3322
DRILLING, General Requirements, per TSO				TSO, §8449
Use of Jumbos in Tunneling operations				TSO, §8450
DRILLING OPERATIONS, Rock, per CSO				CSO, §1538
DRILLING OPERATIONS, Mining Operations				MSO, §7005
" "	"	"	See Also **MINING**	
DRILLING & WELL SERVICING, Oil & Gas Wells, per PSO				PSO-D&P, Article 35
Application / Scope				PSO-D&P, §6621
Brakes & Brake Control Mechanism				PSO-D&P, §6626
Catheads				PSO-D&P, §6642
	Chain Used for Spinning Lines			PSO-D&P, §6645
	Lines Used on Catheads			PSO-D&P, §6644
Drilling Equipment, Construction & Maintenance				PSO-D&P, §6624
Emergency Stop Device				PSO-D&P, §6625
Guarding				PSO-D&P, §6622
Illumination / Lighting				PSO-D&P, §6657
Line Spoolers & Deadline Stabilizers				PSO-D&P, §6688
Power Tongs Control Mechanism				PSO-D&P, §6628
Hose, Rotary Hose & Circulating & Standpipe				PSO-D&P, §6609
Safety Provisions & Precautions				PSO-D&P, §6655
Weight Indicators for Wire Rope Hoisting Lines				PSO-D&P, §6690
Well Servicing Equipment, Construction & Maintenance				PSO-D&P, §6624
DRILLS			See also **TOOLS & HAND TOOLS**	
Grounding, Electrical, Cord- & Plug-connected				ESO-LV, §2395.45(a)
DRINKING WATER, Requirements				GISO, §3363
Agricultural Operations, For				GISO, §3457(c)(1)
	Access to Drinking Water			GISO, §3395(c)
		Maintenance of		GISO, §3457(c)(3)
	Heat Illness Prevention			GISO, §3395(c)
	Maintenance of			GISO, §3457(c)(3)
Potable Water in Adequate Supply				GISO, §3363(a)
Clean & Sanitary				GISO, §3363(b)
Common use, Prohibition				GISO, §3363(e)
Construction Operations				CSO, §1524
	Common Drinking Cups / Containers			CSO, §1524(a)(5)
	Drinking Water			CSO, §1524(a)
	Non-Potable Water			CSO, §1524(b)
		Backflow Protection		CSO, §1524(b)(3)
		Posting at Outlet		CSO, §1524(b)(2)
		Prohibition of Use		CSO, §1524(b)(1)

Cups, Drinking, Agricultural Operations — GISO, §3457(c)
Cups, Drinking, Ship Building, Ship Repairing & Ship Breaking Operations — SSO, §8397.4(b)
Dipping or Pouring of, Prohibition — GISO, §3363(d)
Dispenser, Designs & Construction — GISO, §3363(c)
Dispensing of Water — SSO, §8397.4(b)
Drinking Supply, Not in Toilet Rooms — GISO, §3363(b)
Fountains — GISO, §3363(b)
Portable dispensers — GISO, §3363(c)
Heat Illness Prevention — GISO, §3395
Labor Camps, In — GISO, §3363
Maintenance of Supply & Dispenser — GISO, §3363(b)
Portable dispensers, use — GISO, §3363(c)
Mining Operations — MSO, §6975
Non-potable Water Posting — SSO, §8397.4(b)
Non-potable Water use for, Prohibition — GISO, §3363(f)
Posting / Labeling, Non-potable Water — GISO, §3363(g)
Backflow Prevention, Non-potable Water — GISO, §3363(h)
Outside Work Locations, per GISO — GISO, §3395
Pouring or Dipping of, Prohibition — GISO, §3363(d)
Shared Use of Cups, Dippers, & Water Bottles Prohibited — SSO, §8397.4(b)
Tunneling Operations — TSO, §8432

DRIVERS LICENSE — GISO, §3701
Logging Trucks, Operating — LSSO, §6336(a)
Farm labor vehicles, Operating — GISO, §3701(a)
Transporting Employees — GISO, §3701(b)

DRIVERS TRAINING
Logging Truck Operators — LSSO, §6336(b)

DRIVE SHAFT, Guarding — GISO, §4050(a)

DRIVEWAYS
De-icing and snow melting equipment, Disconnect — ESO-LV, §2526.50

DRIVING, PILE — CSO, §1600
Access Pits — CSO, §1600(r)
Access to Pile Leads — CSO, §1600(f)
Access to Sheet Piles — CSO, §1600(g)
Blocking Device — CSO, §1600(b)
Confined Space Entry per Section 5158 — CSO, §1600(r), Note
Control Valves — CSO, §1600(c)(2)
Danger Zone — CSO, §1600(a)
Deck Engines — CSO, §1600(m)
Extracting of piles — CSO, §1601(b)
Guardrails / Guard-lines — CSO, §1600(d)
Hand Signals, Recommended in Plate C-11 — CSO, §1600(*l*)
Hoist Drums — CSO, §1600(n)
Hoisting of Piles/Piling — CSO, §1600(p)(3), (s) & (t)
Inspection Requirements, Pile Hammer — CSO, §1600(i)(1)
Jacked Piles — CSO, §1600(r)
Ladder Access — CSO, §1600(g)
Leads, Access to — CSO, §1600(d) & (f)
Leads, General Requirements — CSO, §1600(o)
Lifesaving Boats, per Article 13 — CSO, §1600(j) & (k)
Lockout/Blockout — CSO, §1600(b), (f)(2) & (n)
Pile Driving Requirements — CSO, §1600(h)
Pile Gates — CSO, §1600(o)(4)
Pile Hammer Requirements — CSO, §1600(i)
Platforms — CSO, §1600(d)
Precautions, Ensure from falling — CSO, §1600(e)
Pressurized Lines & Hoses — CSO, §1600(c)
Ring Buoys, Water Safety — CSO, §1600(j) & (k)
Securing the Hammer, Effective Blocking — CSO, §1600(b)
Sheet Pile Access — CSO, §1600(g)
Signaler, Designated — CSO, §1600(*l*)
Stability of Pile Driving Rig — CSO, §1600(p)
Steam Lines & Hoses — CSO, §1600(c)
Stirrups, Employee Access to Sheet Piles — CSO, §1600(g)
Storing piles — CSO, §1601
Taglines, controlling unguided piles & free hanging hammers — CSO, §1600(t)
Toeboards per Section 1621(b) — CSO, §1600(e)
Tube (Pipe) Piles, Blown out — CSO, §1600(q)
Unloading piles — CSO, §1601
Valves, Pressurized Steam & Air Line Controls — CSO, §1600(c)
Water Safety — CSO, §1600(j) & (k)

DROP LINES, Fall Protection, for Workers — CSO, §1670(b)
Lanyard, Safety belt, harness, prohibitions — CSO, §1670(h)

DROPS, Decorative Materials — GISO, §3217

DROWNING HAZARD, Work Over or Near Water
Agricultural Operations — GISO, §3448
Construction Operations, per CSO

	Access to or From Wharves, Floats, Barges, and/or Boats			CSO, §1603
		Cat Walks, Ramps, Gangways, etc		CSO, §1603(e)
		Hand Rail		CSO, §1603(e)
		Illumination		CSO, §1603(g)
		Ladder to surface of Water, Water Safety		CSO, §1602(a)(4)
		Jacob's Ladder (Chain Ladder/ Rope)		CSO, §1603(h), & (i)
	Barges, Access Ramp, Adequate Strength			CSO, §1603(a)
	Barges, Fixed Ladder to surface of Water, Water Safety			CSO, §1602(a)(4)
	Catwalks over Water			CSO, §1603(b)
	Drowning Danger			CSO, §1602(a)
	Fall Protection Measures			CSO, §1602(a)
	First Aid/ Medical Assistance			CSO, §1602(b)
	Ladder to surface of Water, Water Safety			CSO, §1602(a)(4)
	Life lines, Tag lines			CSO, §1602(a)(3)
	Life Preservers, Control of Drowning Hazard per CSO			CSO, §1602
	Lifesaving Boats			CSO, §1602(a)(3)
	Personal Flotation Devices (PFD)			CSO, §1602(a)(1)
	Pile Driving Water Safety			CSO, §1600(j) & (k)
		Lifesaving Boats, per	Article 13	CSO, §1600(j)
		Ring Buoys		CSO, §1600(j) & (k)
	Platforms over Water			CSO, §1603(d)
	Railings	per CSO, §1620		CSO, §1603(d)
	Ring Buoys			CSO, §1602(a)(2)
	Walkways, Dredge Discharge Pipe Lines use as			CSO, §1603(a)
General Requirements, per GISO				GISO, §3389
Life Preservers, per GISO				GISO, §3389
	Approval of, Coast Guard			GISO, §3389(b)
	Floating Cranes/Derrick operations, During			GISO, §4944
	Life Rings			GISO, §3389
	Maintenance of			GISO, §3389(c)
	Removal from Service when Damaged			GISO, §3389(c)
Life Preservers, per CSO				CSO, §1602
	Drowning Danger			CSO, §1602(a)
	Exception, w/ Fall Protection Measures			CSO, §1602(a)
	Life lines, Tag lines			CSO, §1602(a)(3)
	Lifesaving Boats			CSO, §1602(a)(3)
	Personal Flotation Devices (PFD)			CSO, §1602(a)(1)
	Ring Buoys			CSO, §1602(a)(2)
Mining Operations, per MSO				MSO, §6980(a)
Paper, Pulp & Paperboard Mills				GISO, §3448
Tunneling Operations, per TSO				TSO, §8427
DRUGS, NARCOTICS				
Drugs & Alcohol Prohibited at Mining Operations				MSO, §6973(c)
Drugs & Alcohol Handling or Use Prohibited at Blasting or Pyrotechnic Operations				GISO, §5247(b)
DRUM SANDER, Woodworking				GISO, §4314
DRUNKEN SAW, Wobble Saw, Woodworking				GISO, §4323
DRY CLEANING & LAUNDRY EQUIPMENT				GISO, Article 67
Boilers				GISO, §4493
Clothes Tumbler, Shaker, Batch Type				GISO, §4486
Dampening Machines				GISO, §4488
Drying Box, Cabinet				GISO, §4487
Drying Tumblers				GISO, §4485
Extractors				GISO, §4482
Ironer, Flatwork Type				GISO, §4489
	Body Type			GISO, §4490
	Press Type			GISO, §4492
	Rotary Type			GISO, §4491
Marking Machine				GISO, §4480
Operating Rules				GISO, §4494
Pressure Vessels				GISO, §4493
Shaker, Batch Type Tumblers				GISO, §4486
Washing Machines				GISO, §4481
Wringers, Power				GISO, §4483
DRYERS, Electrical grounding				ESO-LV, §2395.45
DRYING CANS				GISO, §4472
DRYING FACILITIES, Clothing, per TSO				TSO, §8431
DUMBWAITERS, Electrical Requirements				ElevSO, §3112
”	”	”	See also under **ELEVATORS**	
Application / Scope				ESO-LV, §2562.1
Controllers, Motor			See also under **ELEVAT**	ESO-LV, §2562.7
Disconnecting Means				ESO-LV, §2562.2
	Identification, Sign Requirements			ESO-LV, §2562.3
Interconnection, Multicar Controllers				ESO-LV, §2562.6
Motor Controllers				ESO-LV, §2562.7
Sign Requirements				ESO-LV, §2562.3
Single-Car & Multicar Installations				ESO-LV, §2562.4
	Multiple Driving Machines			ESO-LV, §2562.3

Multiple Disconnecting Means	ESO-LV, §2562.5
Multicar Controllers	ESO-LV, §2562.6
Warning Signs	ESO-LV, §2562.5
DUMP, Log Dump	LSSO, §6340
DUMP-BINS, Food Service	GISO, §4531
DUMPING, Loading & Hauling, per MSO	MSO, §7010
Parts Subject to Wear	MSO, §7011
DUMPING, Locations, Surface & Underground, per TSO	TSO, §8480
DUMP TRUCKS, Control of Hazardous Energy during Repair, per CSO	CSO, §1595(b)
DURSBAN, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
DUST, Control of, per CSO	See also **DUSTS, FUMES, MISTS, VAPORS & GASES**, per CSO
Haulage, Earthmoving, to Maintain Visibility	CSO, §1590(d)
Respiratory Protection, During Dusty Operations	CSO, §1590(d)
DUST, Control of, per MSO	
Dust, Smoke & Gases after Blasting	MSO, §7095
Dust, Smoke & Gases, Secondary Blasting	MSO, §7096
Mechanical Ventilation	MSO, §7099
Mine Ventilation	MSO, §7098
Mucking & Transferring Rock	MSO, §7094
Mucking & Transferring Rock, Dust Control	MSO, §7094
Radiation Hazards, Underground	MSO, §7091
Rock Drilling, Dust Control	MSO, §7093
Rock Drilling Requirements	MSO, §7093
While Drilling	MSO, §7092
DUST, Control of, per PSO-R,T&H	PSO-R,T&H, §6788
DUST, Control of, per TSO	TSO, §8438
DUST, Suppression of	GISO, §5145
DUSTS, FUMES, MISTS, VAPORS & GASES, per CSO	CSO, Article 4
Dusts Control at Worksite	CSO, §1528
Dust Exposure, Concrete / Masonry Operations	CSO, §1530.1
Exhaust systems	CSO, §1530
Flammable Vapors, Control of	CSO, §1534
General requirements	CSO, §1528
Internal combustion engines	CSO, §1533
Mechanical ventilation systems	CSO, §1530
Respiratory protective equipment	CSO, §1531
Rock Drilling Operations	CSO, §1538
DUST, Control of, per GISO	See also **DUSTS, FUMES, MISTS, VAPORS & GASES**, per GISO
Combustible Dust	GISO, §5174
Control of, General	GISO, §5145
Cotton dust	See **COTTON DUST**
Harmful exposure	GISO, Article 107
Control of	GISO, §5141
HVAC Systems	GISO, §5142
Mechanical ventilation Systems	GISO, §5143
Respiratory Protection	GISO, §5144
Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
Woodworking, dust collection systems	GISO, §4324
DUSTS, FUMES, MISTS, VAPORS & GASES, per GISO	GISO, Article 107
Application / Purpose	GISO, §5139
Definitions	GISO, §5140
Abrasive Blasting Operations, Protective Equipment	
Ventilation & Personal Protection	GISO, §5151
Abrasives, Organic	GISO, §5151(c)
Enclosures, Blast-Cleaning	GISO, §5151(a)
Personal Protective Equipment	GISO, §5151(b)
Administrative Controls of harmful exposure	GISO, §5141
Airborne Contaminants	GISO, §5155, & Appx A
Application / Scope	GISO, §5155(a)
Definitions	GISO, §5155(b)
Ceiling Limits	GISO, §5155(c)(3)
Exposure Computations	GISO, §5155, Appx A
Exposure Limits	GISO, §5155(c)
Permissible Exposure Limits	GISO, §5155(c)(1)
Short Term Limits	GISO, §5155(c)(2)
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
Medical Surveillance	GISO, §5155(f)
Monitoring, Workplace	GISO, §5155(e)
Permissible Exposure Limits	GISO, §5155(c)(1)
For Chemical Contaminants, Listed	GISO, §5155, Appx A, Table AC-1 & Foot Notes
Skin Absorption, Protection Against	GISO, §5155(d)
Biological Safety Cabinets	
Ventilation Requirements	GISO, §5154.2
Application / Scope	GISO, §5154.2(a)
Definitions	GISO, §5154.2(b)

		Air Flow Measurements		GISO, §5154.2(f)
		Appendices		GISO, §5154.2(h)
		HEPA Filter Aerosol Test Protocol		GISO, §5154.2, Appx A
		HEPA Filter Leak Testing		GISO, §5154.2(f)
		Implementation		GISO, §5154.2(i)
		Negative Pressure Requirements		GISO, §5154.2(e)
		Operation Requirements		GISO, §5154.2(d)
		Special Requirements		GISO, §5154.2(g)
		Start Up & Shut Down Procedure		GISO, §5154.2, Appx B
		Use Requirements		GISO, §5154.2(c)
		Ventilation Rates		GISO, §5154.2(e)
Buffing Operations, Protective Equipment			See Grinding, Polishing & Buffing Operations under this heading	
Building Ventilation, Mechanical Heating & Cooling				GISO, §5142
	System Requirements			GISO, §5143
Chemicals Contaminants, Exposure Limits				GISO, §5155, Appx A
Chemicals, Harmful, Suppress & Allay				GISO, §5145
Combustible Dust				GISO, §5174
Control of Harmful Exposure to Employees				GISO, §5141
Dipping / Immersion Tanks, Open-Surface				
	Ventilation & Personal Protective Equipment			GISO, §5154
		Application		GISO, §5154(a)
		Classification of Tanks		GISO, §5154(b)
			Hazard Determination	GISO, §5154, Table V-7
			Vapor & Gas Evolution Rate	GISO, §5154, Table V-8
			Cleaning Equipment, Spray	GISO, §5154(i)
		Control Methods, Other		GISO, §5154(g)
		Control Requirements		GISO, §5154(c)
			Velocity, Control	GISO, §5154, Table V-9
		Degreasing Equipment, Vapor		GISO, §5154(h)
		Degreasing Equipment, Spray		GISO, §5154(i)
		Hood Classification		GISO, §5154(d)
		Push-Pull System Requirements		GISO, §5154(f)
		Personal Protective Equipment		GISO, §5154(j)
		Ventilation Rate		GISO, §5154(e)
Dust Suppression				GISO, §5145
Emergency Eye wash & Shower Equipment			See also **EYEWASH**	GISO, §5162
Engineering Controls, to Prevent harmful Exposure				GISO, §5141
Grinding, Polishing & Buffing Operations				
	Ventilation & Personal Protective Equipment			GISO, §5152
		Branch Duct Performance Requirements		GISO, §5152(b)
		Buffing Operation		GISO, §5152(d)
		Exhaust Volume		GISO, §5152, Tables V-1 through V-5
		Hood or Enclosure Requirement		GISO, §5152(a)
		Hood Performance Requirements		GISO, §5152(b)
		Hood Design		GISO, §5152(c)
		Hoods, Illustrations		GISO, §5152, Figures V-1 through V-8
		Portable Grinder & Polishers		GISO, §5152(d)
	HVAC, Building Ventilation			GISO, §5142
		System Requirements		GISO, §5143
	Indoor Air Quality, HVAC Systems			GISO, §5142
Harmful Exposure, Control				GISO, §5141
Hazard communication program			See **HAZARD COMMUNICATION PROGRAM**	
HVAC Systems, Minimum Ventilation Requirements				GISO, §5142
Internal Combustion Engine, Emission Control				GISO, §5146
Laboratory-Type Hoods Operations				GISO, §5154.1
	Ventilation Requirements			GISO, §5154.1
			Application / Scope	GISO, §5154.1(a)
			Definitions	GISO, §5154.1(b)
		Operation Requirements		GISO, §5154.1(d)
		Operator Qualifications		GISO, §5154.1(f)
		Special Requirements		GISO, §5154.1(e)
		Ventilation Rates		GISO, §5154.1(c)
Mechanical ventilation systems				GISO, §5143
Media for Allaying Hazards				GISO, §5145
Oil to suppress Hazard				GISO, §5145
Open Vats & Tanks, including Dipping & Coating Operations				
	Ventilation & Allaying Media, used to Control Hazards			GISO, §5154
Oxygen Deficiency				GISO, §5149
Polishing Operations, Protective Equipment			See Grinding, Polishing & Buffing Operations under this Heading	
Respirators, Respiratory Protection				GISO, §5144
		Definitions		GISO, §5144(b)
	Air, Quality & Use Breathing Air			GISO, §5144(i)
	Abrasive blasting			GISO, §5151
	Buffing Operations			GISO, §5152
	Canisters, Filters & Cartridges Identification			GISO, §5144(j)
	Cartridges, Filters & Canisters, Identification			GISO, §5144(j)
	Cleaning & Disinfecting of Respirators			GISO, §5144(h)(1)

		Respirator Cleaning Procedure	GISO, §5144, Appx B-2
	Employee Information Requirement		GISO, §5144, Appx D
	Evaluation of Respiratory Protection Program		GISO, §5144*(l)*
	Filters, Cartridges & Canisters, Identification		GISO, §5144(j)
	Fit Testing		GISO, §5144(f)
	Fit Testing Procedure		GISO, §5144, Appx A
	Grinding Operations		GISO, §5152
	Inspection of Respirators		GISO, §5144(h)(3)
	Instructions & Training, Employee		GISO, §5144, Appx D
	Medical Evaluation		GISO, §5144(e)
	Medical Evaluation Questionnaire		GISO, §5144, Appx C
	Maintenance & Care of Respirators		GISO, §5144(h)
	Open-surface tank operations		GISO, §5154
	Oxygen deficient environments		GISO, §5149
	Polishing Operations		GISO, §5152
	Protection Factors, Assigned		GISO, §5144, Table 1
	Record keeping		GISO, §5144(m)
	Repair of Respirators		GISO, §5144(h)(4)
		Permissible Practice	GISO, §5144(a)
	Respiratory Protection Program Requirements		GISO, §5144(c)
		Evaluation of Program	GISO, §5144(g)
	Respirator Cleaning Procedure		GISO, §5144, Appx B-2
	Respirator Selection		GISO, §5144(d)
	Seal Check Procedure		GISO, §5144, Appx B-1
	Spray coating operations		GISO, §5153
	Storage of Respirators		GISO, §5144(h)(2)
	Training & Information		GISO, §5144(k)
	Use of Respirators, Procedure		GISO, §5144(g)
	Welding cutting and brazing		GISO, §5150
Smoking, Prohibition in the Workplace			GISO, §5148
Spray Coating Operations			
	Ventilation & Personal Protective Equipment		GISO, §5153
		Spray Booth / Room, In	GISO, §5153(a)
		Spray Operation Requirements	GISO, §5153(b)
		Exhaust Air	GISO, §5153(c)
		Make-up Air	GISO, §5153(c)
		Dilution of Flammable Vapors	GISO, §5153(d)
		Ventilation Rate	GISO, §5153(e)
		Downdraft Booths	GISO, §5153(f)
		Respiratory Protection	GISO, §5153(g)
Suppression of Dusts, Fumes, Mists, Vapors & Gases			GISO, §5145
Tuberculosis, Respiratory Protection from			GISO, §5147
Ventilation, Minimum Building Ventilation			GISO, §5142
	System Requirements		GISO, §5143
		Spray Booth / Room, In	GISO, §5153(a)
		Spray Operation Requirements	GISO, §5153(b)
		Exhaust Air	GISO, §5153(c)
		Make-up Air	GISO, §5153(c)
		Dilution of Flammable Vapors	GISO, §5153(d)
		Ventilation Rate	GISO, §5153(e)
		Downdraft Booths	GISO, §5153(f)
		Respiratory Protection	GISO, §5153(g)
Water to suppress Dust			GISO, §5145
Welding, Brazing & Cutting, Protective Equipment			
	Ventilation & Personal Protection		GISO, §5150
		Chlorinated Hydrocarbons	GISO, §5150(e)
		Improper Use of Welding Gases	GISO, §5150(d)
		Labeling, Precautionary	GISO, §5150(f)
		Mechanical Ventilation, Indoors	GISO, §5150(a)
		Toxic Substances Used in Enclosed Spaces	GISO, §5150(b)
		Toxic Substances Used in Open Air	GISO, §5150(c)
DUST COLLECTION SYSTEMS, Woodworking			GISO, §4324
DUST, Combustible			GISO, §5174
DYE JIGS			GISO, §4471
DYFONATE, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
	Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
DYNAMITE		See **EXPLOSIVES**	

E

			List of Acronyms
EAR PROTECTION, Hearing Protection, per CSO			CSO, §1521
EAR PROTECTION, Hearing Protection, per GISO			GISO, Article 105
	Application & Scope		GISO, §5095(a)
	Agriculture, Exempt from 5097 through 5100		GISO, §5095(a)
	Construction, Exempt from 5097 through 5100		GISO, §5095(a)

	Oil & Gas Well Drilling & Service, Exempt from 5097 through 5100		GISO, §5095(a)
Acoustic Calibration of Audiometers			GISO, §5100, Appx D
Audiograms, Age Corrections to			GISO, §5100, Appx F
Audiometric Measuring Instruments			GISO, §5100, Appx B
Audiometric Test Evaluation			GISO, §5097(d)
Audiometric Testing Program			GISO, §5097(c)(4)
	Audiogram Requirements per §5097	Appx B	GISO, §5097(c)(4)
	Audiology Technician, Certification Requirement		GISO, §5097(c)(3)
	Baseline Requirement		GISO, §5097(c)(5)
	Baseline Requirements, Employee Notification		GISO, §5097(c)(7)
	Baseline Requirements, Employee Noise Exposure Limits		GISO, §5097(c)(6)
	Employee, Testing at no cost to		GISO, §5097(c)(2)
	Employer Responsibility		GISO, §5097(c)(1), (2)
	Employee Notification of Testing Results		GISO, §5097(c)(8)
	Testing Performed By		GISO, §5097(c)(3)
	Testing Results, Employee Notification of		GISO, §5097(c)(8)
Audiometric Test Rooms			GISO, §5100, Appx C
Definitions			GISO, §5095
Exposure Computation			GISO, §5100, Appx A
Exposure Limits			GISO, §5096
	Hearing Conservation Program		GISO, §5097(a)
General Requirements			GISO, §5095
Hearing Conservation Program			GISO, §5097
Hearing Protector Attenuation, Estimating			GISO, §5100, Appx E
Hearing Protectors			GISO, §5098
Monitoring, Exposure			GISO, §5097(b)
Personal Protective Equipment, Noise Protection			GISO, §5098
Posting, Noise Standard in Article 105			GISO, §5099(b)(1)
Record keeping			GISO, §5100
Training Program			GISO, §5099
	General Training Requirements		GISO, §5099(a)
	Access to Information & Training Material		GISO, §5099(b)
EAR PROTECTION, Hearing Protection, per CSO			CSO, §1521
EAR PROTECTION, Hearing Protection, per TSO			TSO, §8414(e)
Hearing Protector Attenuation			TSO, §8414(f)
EARTH MOVING, General Requirements, per CSO			
	Defined		CSO, §1504
Air Tank Service			CSO, §1591(d)
Audible or Visible warning, dumping			CSO, §1591(k)
Back-Up Alarms & Warning			CSO, §1592(a), (b)
Blocking / Locking, during Repair/work of			CSO, §1595
Brakes, Performance criteria			CSO, §1591(c)
Cab Shield. Haulage vehicles			CSO, §1591(e)
Cab protection			CSO, §1938, Appx C, Plate C-16
Cab Shield			CSO, §1591(e)
Canopy			CSO, §1591(h)
Control of Hazardous Energy during Repair, per CSO			CSO, §1595
Dust Control			CSO, §1590(b)
Employees, on foot, exposed to Vehicle Traffic			CSO, §1590(a)(5)
Equipment, Construction & Maintenance			CSO, §1591
Equipment Control			CSO, §1590(c)
	Down Hill		CSO, §1590(c)
	Speed		CSO, §1590(c)
Exhaust Gases			CSO, §1590(d)
Exposure to falling or rolling objects			CSO, §1591(h)
Fenders			CSO, §1591(f)
Fueling			CSO, §1594
Hazard Signals, Emergency			CSO, §1591(*l*)
Heat Shields			CSO, §1590(e)
High Visibility Apparel Requirement			CSO, §1590(a)(5)
Impairing visibility			CSO, §1591(b)
Lights			CSO, §1591(g)
Operating Levers			CSO, §1591(i)
Operation of			CSO, §1593
Private Roadways & Off-Highway Controls			CSO, §1590(a)
Repair			CSO, §1595
Rollover Protective Structures			CSO, §1596
Seatbelts			CSO, §1591(h)
	Installation & Use		CSO, §1596
Spotter in Lieu of Back-Up Alarms & Warning			CSO, §1592(b)(1)
Trip Handles for tailgates			CSO, §1591(j)
Warning Methods & device, backing vehicle			CSO, §1592
Windshields			CSO, §1591(a)
EARTHMOVING EQUIPMENT & HAULAGE VEHICLES, per GISO			GISO, Article 25
	Definitions Applicable to Article 25		GISO, §3649
Brake & Parking Brake Requirement			GISO, §3661
Bulk Cargo Moving Vehicles			GISO, §3666

	Seatbelts			GISO, §3653
	Deflector Guards			GISO, §3654
	Earthmoving Equipment			GISO, §3666
	Operator Platforms			GISO, §3658
	Rated Capacity			GISO, §3660
	Brakes & Warning Devices			GISO, §3661
	Internal Combustion Engines, Use of			GISO, §3662
	Warning Devices, Audible			GISO, §3661
	Wheel Guards			GISO, §3665
	Warning Devices, Audible			GISO, §3661
EARTHMOVING EQUIPMENT & HAULAGE VEHICLES, per TelSO				TelSO, §8610
EARTHMOVING EQUIPMENT & HAULAGE VEHICLES, per TSO				TSO, §8483
	Administrative Controls In Lieu of Backup Alarm			TSO, §8483(a)(3)(C)
	Backup Alarm, Automatic			TSO, §8483(a)(3)(A)
	Breaking Device, Automatic			TSO, §8483(a)(3)(B)
	Driver Location Means of Access			TSO, §8483(a)(5)
	Driver's Seat			TSO, §8483(a)(5)
	Forklift, Elevating Employees			TSO, §8483(a)(8)
	Haulage Vehicles Compliant w/ CSO			TSO, §8483(a)
	Haulage ways, per TSO			TSO, §8484
	Lights, Head lights &Tail Lights			TSO, §8483(a)(2)
	Over Head Protection			TSO, §8483(a)(7)
	Prohibition, Employee Riding on			TSO, §8483(a)(1)
	Role-Over Protection, Exemption for			TSO, §8483(a)(6)
EARTHQUAKES				
	Protective devices			ElevSO, §3137
EARTHWORK			See **EXCAVATION**	
EAVE BARRIERS				CSO, §1724(e)
	Guard Railings			CSO, §1724(e)(1)
	Securing of			CSO, §1724(e)(2)
EDB (Ethylene Dibromide)				GISO, §5219
"	"	"	See Also **CARCINOGENS**, Regulated	
		Application & Scope		GISO, §5219(a)
		Definitions		GISO, §5219(b)
	Emergency Procedures			GISO, §5219(i)
	Exposure Monitoring			GISO, §5219(e)
	Medical Surveillance			GISO, §5219(m)
	Methods of Compliance			GISO, §5219(f)
	Permissible Exposure Limit (PEL)			GISO, §5219(c)
		Dermal & Eye Exposure		GISO, §5219(c)(2)
		Inhalation		GISO, §5219(c)(1)
	Protective Clothing & Equipment			GISO, §5219(g)
	Receipt of EDB-Treated Materials			GISO, §5219(n)
	Record keeping			GISO, §5219(*l*)
	Reporting of Use & Emergencies			GISO, §5219(d)
	Respiratory Protection			GISO, §5219(h)
	Training			GISO, §5219(j)
	Signs & Notification of Shipment			GISO, §5219(k)
EDUCATION			See **TRAINING**	
EFFECTIVE GROUNDING METHOD				ESO-LV, §2395.51
EFP (Electronic Field Production), Definition				ESO-HV, §2980
"	"	"	"	See also **ELECTRONIC NEWS GATHERING (ENG) EQUIPMENT**
EGRESS, Means of, per GISO				GISO, §3215
	Arrangement & Distance to Exits			GISO, §3222
	Aisles or Walkways Arranged to provide Egress			GISO, §3272(b)
EGRESS, Means of, per CSO				
	Elevators for hoisting workers			CSO, §1630
	Excavations, Means / Location			CSO, §1541(c)(2)
	Ladders			CSO, §1629
	Stairways			CSO, §1629
EGRESS, for Buildings, per PSO-R,T&H				PSO-R,T&H, §6798
EGRESS, for Equipment / Structures, per PSO-R,T&H				PSO-R,T&H, §6799
ELBOW SANDERS, Woodworking				GISO, §4315
ELECTRICAL ARC FLASH, Protection from				
	Flame Resistant Apparel, High Voltage Electrical Work			ESO-HV, §2940.6(k)
	Flame Resistant Apparel, Low Voltage Electrical Work			ESO-LV, §2320.2(a)(8)
ELECTRICAL BACK UP POWER SYSTEMS, Emergency				ESO-LV, Article 80
	Accessibility			ESO-LV, §2571.25
	Application / Scope			ESO-LV, §2571.1
	Emergency Illumination			ESO-LV, §2571.16
	Sign Requirements			ESO-LV, §2571.30
	Switch Location			ESO-LV, §2571.21
	Tests & Maintenance			ESO-LV, §2571.4
	Wiring Methods			ESO-LV, §2571.9
ELECTRICAL, Batteries, Storage				ESO-LV, §2535.1
ELECTRICAL BONDING, Grounding Electrical Equipment & Installations				ESO-LV, §2395.70
"	"	"	"	See also **ELECTRICAL INSTALLATIONS**

	Bonding in Hazardous Locations		ESO-LV, §2395.78
	Bonding Other Enclosures		ESO-LV, §2395.75
	Bonding Service Equipment		ESO-LV, §2395.71
	Cable armor, sheath, trays, other enclosures		ESO-LV, §2395.75
	General Requirement		ESO-LV, §2395.70
	Enclosures		ESO-LV, §2395.75
	Equipment Bonding Jumpers		ESO-LV, §2395.79
		Attachment	ESO-LV, §2395.79(b)
		Installation	ESO-LV, §2395.79(c)
		Material	ESO-LV, §2395.79(a)
	Proper Bonding of Metallic Flexible Circuit		ESO-HV, §2881(c)
	Liquefied Hydrogen (LH) Systems, Bonding Container & Associated Piping		GISO, §5490
	Mine & Tunnel Installations, Bonding & Equipment Conductors		ESO-HV, §2917
	Receptacle, Grounding to Box		ESO-LV, §2395.74
	Trays & other enclosures		ESO-LV, §2395.75
ELECTRICAL BOXES, including Cabinets & Fittings			ESO-LV, Article 45
	Conductors Entering		ESO-LV, §2473.1
	Covers & Canopies		ESO-LV, §2473.2
	Guarding of		ESO-LV, §2340.17
	Openings in Boxes, Cabinets, etc. shall be closed		ESO-HV, §2714(c)
	Pull Boxes		ESO-HV, Article 8
		Conductors Entering Boxes, Cabinets or Fittings	ESO-HV, §2754.1
		Construction & installation Requirements	ESO-HV, §2753
		Covers & Canopies	ESO-HV, §2754.2
		Size of Pull Boxes & Raceway Entrance Locations	ESO-HV, §2752
ELECTRICAL BRANCH CIRCUITS			
	High Voltage		ESO-HV, Article 5
		Ampacity	ESO-HV, §2734
		Branch Circuit, Over-current Protection	ESO-HV, §2735
		Circuit Breakers	ESO-HV, §2735
		Conductor, Over-current Protection	ESO-HV, §2735
		Identification of Multi-wire Branch Circuits	ESO-HV, §2738
		Over-current Protection	ESO-HV, §2735
		Isolation Requirements	ESO-HV, §2737
		Switching Requirements	ESO-HV, §2736
	Low Voltage		ESO-LV, Article 6
		Cord Connections	ESO-LV, §2360.5
		Ground-Fault Circuit Interrupter Protection	ESO-LV, §2360.3
		Identification of Multi-wire Branch Circuits	ESO-LV, §2360.1
		Outlet Devices	ESO-LV, §2360.4
		Receptacle & Cord Connectors	ESO-LV, §2360.2
ELECTRICAL CABINETS			ESO-LV, Article 45
”	”	”	See also **ENCLOSURES**
	Conductors Entering		ESO-LV, §2473.1
	Covers & Canopies		ESO-LV, §2473.2
ELECTRICAL CABLE			
”	”	”	See also **ELECTRICAL INSTALLATIONS**
	Cable Supports		See **ELECTRICAL CABLE TRAYS**
	Cable Trays		See **ELECTRICAL CABLE TRAYS**
	Definition		ESO-HV §2700
	Flexible Cables, High Voltage		ESO-HV, Article 14
		Application / Scope	ESO-HV, §2789
		Conductor Construction	ESO-HV, §2790
		Equipment Grounding Conductors	ESO-HV, §2792
		Fittings	ESO-HV, §2794
		Minimum Bending Radii	ESO-HV, §2793
		Shielding	ESO-HV, §2791
		Splices & Terminations	ESO-HV, §2795
	Flexible Cables, Low Voltage		ESO-LV, Article 49
		Conductor Identification	ESO-LV, §2500.23
		In Show Windows & Show C	ESO-LV, §2500.11
		Maintenance of Outer Sheath	ESO-LV, §2500.25
		Over-current Protection	ESO-LV, §2500.13
		Pull at Joints & Terminals	ESO-LV, §2500.10
		Splices	ESO-LV, §2500.9
		Uses Not Permitted	ESO-LV, §2500.8
		Uses Permitted	ESO-LV, §2500.7
	Metal-Clad Cables		ESO-HV, Article 13
		Bends	ESO-HV, §2784
		Elevation	ESO-HV, §2786
		Fittings	ESO-HV, §2785
		Grounding, Grounding Conductors	ESO-HV, §2782
		Splices & Terminations	ESO-HV, §2787.1
		Strength	ESO-HV, §2787
		Supports	ESO-HV, §2783
		Use	ESO-HV, §2781
	Metal raceways		ESO-LV, §2395.75

Securing on elevated locations			CSO, §1700
Underground high-voltage Cables, work on or near			ESO-HV, §2943
	Application of §2943		ESO-HV, §2943(a)
	Grounding De-energized Cables		ESO-HV, §2943(k)
	Manholes, Vaults, & Similar Structures		ESO-HV, §2943(b)
		Confined Space Regulations, Mandated	ESO-HV, §2943(b)
	Trenches & Excavations		ESO-HV, §2943(c)
	Work Conditions		
		7500 Volts or Less, Working with	ESO-HV, §2943(h)
		In Excess of 7500 Volts, Working with	ESO-HV, §2943(i)
		De-Energized Cables, Conductors or Equipment, Working on	ESO-HV, §2943(j)
		Grounding De-Energized Conductors or Equipment	ESO-HV, §2943(k)
Vertical suspension of Cables			
	Conductor, suspended by		ESO-HV §2801
	Maximum Suspended Weight of Cable		ESO-HV §2802
	Wire or Messenger, Suspension		ESO-HV §2802
	Wire mesh holding devices to support		ESO-HV §2803
ELECTRICAL CABLE TRAYS, Continuous Rigid Cable Supports			
High Voltage			ESO-HV, Article 12
	Construction		ESO-HV, §2779
	Definition		ESO-HV, §2775
	Grounding		ESO-HV, §2778
	Installation		ESO-HV, §2777
	Use		ESO-HV, §2776
Low Voltage			ESO-LV, Article 15
	Equipment Grounding Conductors		ESO-LV, §2418.4
	Hazardous (Classified) Locations		ESO-LV, §2418.5
	Industrial Establishments		ESO-LV, §2418.3
	Uses Not Permitted		ESO-LV, §2418.6
	Wiring Methods		ESO-LV, §2418.2
ELECTRICAL CAPACITORS			
” ”	”		See also **ELECTRICAL INSTALLATIONS & EQUIPMENT**
High Voltage			ESO-HV, Article 29
	Application of Article 29		ESO-HV, §2887
	Discharge, means of		ESO-HV, §2940.17
	Disconnecting Capacitors		ESO-HV, §2940.17
	Enclosing & Guarding		ESO-HV, §2888
	Grounding		ESO-HV, §2889
	Guarding		ESO-HV, §2888
	Handling Precaution		ESO-HV, §2894
	Identification / Nameplate		ESO-HV, §2892
	Means for Discharge		ESO-HV, §2940.17
	Over-current Protection		ESO-HV, §2891
	Special Handling Precaution		ESO-HV, §2894
	Switching		ESO-HV, §2890
Low Voltage			ESO-LV, Article 58
	Disconnecting Means		ESO-LV, §2534.8
	Drainage of Stored Charge		ESO-LV, §2534.6
	Enclosing & Guarding		ESO-LV, §2534.2
ELECTRICAL CIRCUIT BREAKERS			
” ”	”	”	See also **ELECTRICAL INTERRUPTING DEVICES**
” ”	”	”	See also **ELECTRICAL DISCONNECTION MEANS / CUTOUTS**
American National Standards, compliance with			ESO-HV, §2839
Closing rating			ESO-HV, §2837(c)
De-icing and snow melting Equipment, Disconnecting Means			ESO-LV, §2526.50
Fixed electric space heaters			
	Indicating type		ESO-LV, §2524.21
General Requirements, High Voltage			ESO-HV, §2839
General Requirements, Low Voltage			ESO-LV, §2390.81
Grounding of Enclosures			ESO-HV, §2838
Identification / Marking of			ESO-HV, §2840
Interlocks			
	Industrial Control Assemblies		ESO-HV, §2871
	Mechanical Interlocks		ESO-HV, §2871(b)
	In Lieu of, Mechanical Interlocks		ESO-HV, §2871(b)
	Stored Energy Mechanism, Equipped with		ESO-HV, §2871(a)
Interrupting rating			ESO-HV, §2837(b)
Isolation			ESO-HV, §2841
Labeling			ESO-LV, §2340.22(a)
Manual tripping, Means of			ESO-HV, §2839(a)
Mechanical position indicator			ESO-HV, §2839(e)
Mechanical Protection of			ESO-LV, §2340.26
Modification of			ESO-HV, §2840(b)
Momentary rating			ESO-HV, §2837(d)
Nameplate, Identification			ESO-HV, §2840
Overcurrent protection			
	Position Indicating		ESO-LV, §2390.81

	Switches, Used as			ESO-LV, §2390.83
Panel Access				ESO-LV, §2340.16
Portable switchboards on stage				ESO-LV, §2552.53
Position, indicating				
	Overcurrent protection			ESO-LV, §2390.81
Ratings				ESO-HV, §2837
” ”				ESO-HV, §2710(d)
Release free				ESO-HV, §2839(b)
Safe location				ESO-LV, §2340.27
Switches, used as				ESO-LV, §2390.83
Trip tree				ESO-HV, §2839(b)
Unintended operation, prevention				ESO-HV, §2839(c)
Used As Switches				ESO-LV, §2390.83
Voltage, Rated Maximum				ESO-HV, §2837
ELECTRICAL CONDUCTORS			See also **ELECTRICAL INSTALLATIONS**	
Alternating-Current Circuits & Systems, Conductor Grounding				ESO-LV, §2395.25
Ampacity of				ESO-HV, §2716
	Circuits, Branch & Feeder Circuits			ESO-HV, §2734
	Conductors			ESO-HV, §2716
	Per IPCEA Publication No. P46-426			ESO-HV, §2821
Approval Requirement				ESO-LV, §2305.4
Back-Feeding, Precautions				ESO-LV, §2320.9
Back-Feed Voltages, protection from				ESO-HV, §2940.9
Bending radius of				ESO-HV, §2748
Branch-circuit conductors				
	Light fixture wires not to be used as			
Cables suspended by its Conductors				ESO-HV, §2801
Conductors if Different Systems, Separation Requirement				ESO-HV, §2746
Conductors in Multiple				ESO-HV, §2817
Conductors on Poles				ESO-LV, §2375.7
Conductor Terminations				ESO-HV, §2819
Construction sites, at				
	Assured equipment grounding conductor program			CSO, §1760
	”	”	” ”	ESO-LV, § 2405.4(d)
		Identification of Tested Equipment & Test Dates		ESO-LV, § 2405.4(d)(7)
		Inspection of Equipment in AEGCP		ESO-LV, § 2405.4(d)(3)
		Prohibited Use of Equipment		ESO-LV, § 2405.4(d)(6)
		Qualified person(s) to implement		ESO-LV, § 2405.4(d)(1)
		Testing Requirement		ESO-LV, § 2405.4(d)(4)
		Test Intervals		ESO-LV, § 2405.4(d)(5)
		Written program		ESO-LV, § 2405.4(d)(1)
Crane, Electrical Conductors				ESO-LV, §2561.11
	Track And Runway Conductor Disconnecting Means			ESO-LV, §2561.31
Definition				ESO-HV, §2700
Deteriorating agents				
	Electrical Conductors Use in, Prohibited unless Approved for			ESO-LV, §2340.11(a)
Different Systems, Conductors Separation Requirement				ESO-HV, §2746
Discontinued circuits				
	Removal			ESO-LV, §2340.24
Energized overhead conductors				
	Accidental contact, guarding against			ESO-LV, §2320.1
Exposed wiring, use of				ESO-LV, §2420.3
Flexible Cords & Cables				ESO-LV, Article 49
	Conductor Identification			ESO-LV, §2500.23
	In Show Windows & Show C			ESO-LV, §2500.11
	Maintenance of Outer Sheath			ESO-LV, §2500.25
	Over-current Protection			ESO-LV, §2500.13
	Pull at Joints & Terminals			ESO-LV, §2500.10
	Splices			ESO-LV, §2500.9
	Uses Not Permitted			ESO-LV, §2500.8
	Uses Permitted			ESO-LV, §2500.7
General Requirements, Low Voltage				ESO-LV, §2340.5
General Requirements, High Voltage				ESO-HV, §2815
Grounding Conductors				
	Alternating-current circuits and systems			ESO-LV, §2395.25
	Branch-circuit Grounding to boxes, Continuity			ESO-LV, §2395.114
	Connection depending on solder prohibition			ESO-LV, §2395.113
	Continuity, Branch-circuit Grounding to boxes			ESO-LV, §2395.114
	Disconnecting means			ESO-LV, §2530.105
	Flexible cords and cables, identification			ESO-LV, §2500.23
	Identification			ESO-LV, §2350.2(a)
	Marking of			ESO-LV, §2350.2(a)
	Polarity of			ESO-LV, §2350.2(b)
	Use of			ESO-LV, §2350.2(c)
Grounding of Shielding				ESO-HV, §2820
High-voltage Stations / Switchyards, Work on / near Conductors at				ESO-HV, §2944
Insulation of Conductors, Low Voltage				ESO-LV, §2340.8

Insulation of Conductors, High Voltage			ESO-HV, §2816
	Approved for Voltage, Temperature & Location of Use		ESO-HV, §2816(b)
	Distinguishable, Color Coded		ESO-HV, §2816(c)
	Outdoor wiring, insulated conductors		ESO-HV, §2830
Insulators, Open Wiring on			ESO-LV, Article 16
	Conductor Supports		ESO-LV, §2420.4
	Exposed Wiring, Uses Permitted		ESO-LV, §2420.3
	Flexible Nonmetallic Tubing		ESO-LV, §2420.5
	Integrity of Insulation, Conductors		ESO-LV, §2340.8
	Penetrations of Walls, Floors, Cross Members, etc.		ESO-LV, §2420.6
	Protection from Physical Damage		ESO-LV, §2420.7
	Insulation Integrity		ESO-LV, §2340.8
	Protection, Entering Boxes, Cabinets, etc.		ESO-LV, §2473.1
Insulation			ESO-HV, §2816
Insulation of Conductors, Integrity			ESO-HV, §2710(c)
Inserting in raceways			ESO-HV, §2747
Light fixture wires not to be used as branch-circuit conductors			ESO-LV, §2505.11
Motion picture projectors			
	Professional type		
		Lamps & hot equipment, On	ESO-LV, §2554.14
		Size	ESO-LV, §2553.13
Multiple, Conductors Size 1/0 or larger run in Multiples			ESO-HV, §2817
Neutral Conductors			ESO-HV, §2818
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	Windows, clearance from		ESO-LV, §2375.19
Outdoor wiring, Insulated conductors, High Voltage			ESO-HV, §2830
Overcurrent protection			ESO-LV, §2390.1
Over-current Protection			ESO-HV, §2735
Panel Boards, location & support			ESO-LV, §2484.3
Polarity of connections			ESO-LV, §2350.2(b)
Portable switchboards on stage			ESO-LV, §2552.53
Portable theater stage equipment			ESO-LV, §2552.68
Signs& Outline Lighting exceeding 600 volts, installation			ESO-HV, §2970
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Stations, High-voltage, Work on / near Conductors at			ESO-HV, §2944
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Switchyards, High-voltage, Work on / near Conductors at			ESO-HV, §2944
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		Confined Space Regulations, Mandated	ESO-HV, §2943(b)
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	Work Conditions		
		7500 Volts or Less, Working with	ESO-HV, §2943(h)
		In Excess of 7500 Volts, Working with	ESO-HV, §2943(i)
		De-Energized Cables, Conductors or Equipment, Working on	ESO-HV, §2943(j)
		Grounding De-Energized Conductors or Equipment	ESO-HV, §2943(k)
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Approved types			ESO-HV, §2760(a)
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Hazardous Locations			ESO-LV, §2530.2
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Flexible Circuit			ESO-HV, §2760(a)
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Continuity of system, Enclosure of conductors			ESO-HV, §2760(f)
Fill, Number of Conductors contained in			ESO-HV, §2760(h)
Fittings			ESO-HV, §2760(d)
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	Rigid nonmetallic conduit		ESO-HV, §2762(c)
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ELECTRICAL CONNECTIONS, High Voltage			ESO-HV, §2940.12
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Arrangement of Devices in Assemblies ESO-HV, §2859
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ELECTRICAL CORDS, Flexible Conductors ESO-LV, Article 49
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Non-Grounding Type & Adapters' ESO-LV, §2510.58
In Show Windows & Show Cases ESO-LV, §2500.11
Maintenance of Outer Sheath ESO-LV, §2500.25
Over-current Protection ESO-LV, §2500.13
Pull at Joints & Terminals ESO-LV, §2500.10
Splices ESO-LV, §2500.9
Uses Not Permitted ESO-LV, §2500.8
Uses Permitted ESO-LV, §2500.7
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" " " " " See also **ELECTRICAL CIRCUIT BREAKERS**
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Fixed Appliances ESO-LV, §2522.21
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Motors			ESO-LV, §2530.102 -2530.113
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Oil-Filled Cutouts			
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	Enclosure		ESO-HV, §2855
	Fault Closing Rating		ESO-HV, §2852
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Arrangement of Devices in Assemblies			ESO-HV, §2859
Clearance for Cable Conductors Entering Enclosure			ESO-HV, §2862
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	Outdoor wiring, terminal enclosures		ESO-HV, §2829
	Walled		ESO-HV, §2812
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Gas Discharge from Interrupting Devices			ESO-HV, §2867
Grounding Requirements			
	Devices		ESO-HV, §2865
	Frames		ESO-HV, §2864
Guarding of Energized Parts			
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Industrial Control Assemblies			
Inspection Windows			ESO-HV, §2868
Interlocks-Circuit Breakers			ESO-HV, §2871
Interlocks-Interrupter Switches			ESO-HV, §2870
Location of Devices			ESO-HV, §2869
Metal-Enclosed Power Switchgear			ESO-HV, §2858
ELECTRICAL EQUIPMENT, per ESO			See also specifically names of electrical equipment
Alternating-current circuits and systems			ESO-LV, §2395.5
	Common grounding electrode		ESO-LV, §2395.54
	Conductor		ESO-LV, §2395.25
	Connections		ESO-LV, §2395.23
Application / Scope			ESO-LV, §2395.1
Appliances, Grounding			ESO-LV, §2395.45
” ” ” ”			See Also **APPLIANCES**
Arcing or suddenly moving parts			ESO-LV, §2390.41
	Shielding of Fuses / Circuit Breakers		ESO-LV, §2390.41(a)
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	Combustible material, Separate from			ESO-LV, §2340.18
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	Identification of Tested Equipment & Test Dates			ESO-LV, §2405.4(d)(7)
	Inspection of Equipment in AEGCP			ESO-LV, §2405.4(d)(3)
	Prohibited Use of Equipment			ESO-LV, §2405.4(d)(6)
	Qualified person(s) to implement			ESO-LV, §2405.4(d)(1)
	Testing Requirement			ESO-LV, §2405.4(d)(4)
	Test Intervals			ESO-LV, §2405.4(d)(5)
	Written program			ESO-LV, §2405.4(d)(1)
Barricading Opened Enclosures				ESO-LV, §2320.7
Bonding, Grounding Electrical Equipment & Installations				ESO-LV, §2395.70
” ” ” ” ”	”		See also **ELECTRICAL INSTALLATIONS**	
	Bonding in Hazardous Locations			ESO-LV, §2395.78
	Bonding Other Enclosures			ESO-LV, §2395.75
	Bonding Service Equipment			ESO-LV, §2395.71
	Cable armor, sheath, trays, other enclosures			ESO-LV, §2395.75
	General Requirement			ESO-LV, §2395.70
	Enclosures			ESO-LV, §2395.75
		Attachment		ESO-LV, §2395.79(b)
		Installation		ESO-LV, §2395.79(c)
		Material		ESO-LV, §2395.79(a)
	Proper Bonding of Metallic Flexible Circuit			ESO-HV, §2881(c)
	Hazardous locations, Bonding in			ESO-LV, §2395.78
	Mine & Tunnel Installations, Bonding & Equipment Conductors			ESO-HV, §2917
	Receptacle, Grounding to Box			ESO-LV, §2395.74
	Trays & other enclosures			ESO-LV, §2395.75
Boxes, Ground Attachment of Branch Circuit				ESO-LV, §2395.114
Branch-Circuit Equipment Grounding				ESO-LV, §2395.114
Circuit Conductor, Used for Grounding Equipment				ESO-LV, §2395.61
Circuits & Systems, Alternating-Current (AC)				ESO-LV, §2395.5
	Conductor, AC Systems			ESO-LV, §2395.25
Circuits & Systems, Direct-Current (DC), of				ESO-LV, §2395.3
Common Grounding Electrode				ESO-LV, §2395.54
Cooling of Equipment				ESO-LV, §2340.13
” ” ”				ESO-HV, §2710.1
	Overheating Protection			ESO-LV, §2340.13
	” ” ”			ESO-HV, §2710.1(b)
Combustible Materials, Certain Equipment To Be Separated From				ESO-LV, §2340.18
Commercial Garage as Hazardous Location				ESO-LV, §2540.5
Conductors			See also **ELECTRICAL CONDUCTORS**	
Conductor, AC Systems				ESO-LV, §2395.25
Connection Devices for Grounding Conductors				ESO-LV, §2395.113
Connections, Grounding				ESO-LV, §2395.23
Continuity of & Attachment to Boxes				ESO-LV, §2395.114
Construction sites, temporary wiring				
	Ground-fault circuit interrupters			ESO-LV, §2405.4
Connections, Cord				ESO-LV, §2360.5
	Non-Grounding Type & Adapters			ESO-LV, §2510.58
Cord & Plug Connected Equipment				ESO-LV, §2395.59
Current, marking Equipment to show Ratings				ESO-LV, §2340.21
Current, interrupting rating of Breakers/Disconnecter				ESO-LV, §2340.9
De-Energized Equipment or Systems				
	Re-energizing			ESO-LV, §2320.5
	Testing to Ensure			ESO-LV, §2320.3
	Work on, Conditions prerequisite to			ESO-LV, §2320.4
Deteriorating Agents or Environments, prohibited use in				ESO-LV, §2340.11
Direct current systems, Grounding				ESO-LV, §2395.3
Disconnecting means			See **ELECTRICAL DISCONNECTING MEANS / CUTOUTS**	
Discontinued circuits, Conductors, removal				ESO-LV, §2340.24
Effective Grounding				ESO-LV, §2395.51
Energized Equipment / Systems				
	Barriers & Barricades			ESO-LV, §2320.7(a)
	Conditions prerequisite to Work on		See Work Procedure	
	Conductive measuring tapes, Ropes & Similar Prohibited			ESO-LV, §2320.7
	Guarding of			ESO-LV, §2340.17
	Re-energizing after de-energizing			ESO-LV, §2320.5
	Test for			ESO-LV, §2320.3
	Work Procedure			ESO-LV, §2320.2
		Authorized Person		ESO-LV, §2320.2(c)
		Back-feeding or Interconnection Prohibition		ESO-LV, §2320.9
		Making Connections		ESO-LV, §2320.2(b)
		Minimum Approach Distance		ESO-LV, §2320.2(d)
		Personal Protective Equipment		ESO-LV, §2320.2(a)(3)
			Insulated Tools	ESO-LV, §2320.2(a)(3)(B)
			Rubber Gloves	ESO-LV, §2320.2(a)(3)(A)
Energized Parts, Guarding of				ESO-LV, §2340.17
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	Service Entrance Equipment		ESO-HV, §2726
Energizing, (also Re-Energizing) Equipment or Systems			ESO-LV, §2320.5
Equipment bonding jumpers			
	Attachment		ESO-LV, §2395.79
	Installation		ESO-LV, §2395.79
	Material		ESO-LV, §2395.79
	Receptacle grounding terminal, connecting to box		ESO-LV, §2395.74
Equipment Grounding			ESO-LV, §2395.32
	Electric Equipment > 150V to ground		ESO-LV, §2395.45(a)
	Equipment Connected by Extension Cord		ESO-LV, §2395.45
	Fixed Equipment / Permanent		ESO-LV, §2395.42
	Load-side Equipment		
		Grounded circuit conductor for grounding equipment, prohibited	ESO-LV, §2395.61
	Nonelectrical Equipment		ESO-LV, §2395.44
	Permanently Wired		ESO-LV, §2395.42
	Supports, Equipment		ESO-LV, §2395.32
Exposure to Physical Damage, Protection			ESO-LV, §2340.26
Flames, Electrical Equipment Producing			
	Separation from combustible material		ESO-LV, §2340.18
Grounding of		See **ELECTRICAL GROUNDING**	
Hazardous Locations			ESO-LV, §2540.1
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Hazardous locations, Bonding in			ESO-LV, §2395.78
Identification of Electrical Equipment			ESO-LV, §2340.22
	Branch Circuits / Services, Feeder		ESO-LV, §2340.22(b)
	Motors / Appliances, Disconnect		ESO-LV, §2340.22(a)
	Open / Closed, Clear Indication		ESO-LV, §2340.22(c)
	Ratings, Series Combination		ESO-LV, §2340.22(f)
Identification Label, Electrical Equipment			ESO-LV, §2340.21
	Connections, Electrical		ESO-HV, §2715
	Durability of Marking		ESO-LV, §2340.21(b)
	Manufacturer's information		ESO-LV, §2340.21(a)(1)
	Marking		ESO-HV, §2718
	Purpose of Service, Feeders, Circuits		ESO-HV, §2718.1(e)
	Voltage, Current, Current, Wattage		ESO-LV, §2340.21(a)(2)
Inspection of Electrical Equipment			ESO-LV, §2340.2
	Inspection / Examination of		ESO-HV, §2710(a)
	Installation, Examination, & Use of		ESO-LV, §2340.2
	" " " " "		ESO-HV, §2710(b)
Installation of Electrical Equipment			ESO-LV, §2340.2(b)
Labeling, Identification of Equipment			ESO-LV, §2340.22
	Branch Circuits / Services, Feeder		ESO-LV, §2340.22(b)
	Marking		ESO-HV, §2718
	Motors / Appliances, Disconnect		ESO-LV, §2340.22(a)
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	Ratings, Series Combination		ESO-LV, §2340.22(f)
Labels, Information			ESO-LV, §2340.21
	Durability of Marking		ESO-LV, §2340.21(b)
	" " "		ESO-HV, §2718.1(e)
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	Voltage, Current, Current, Wattage		ESO-LV, §2340.21(a)(2)
	Ratings Identified		ESO-LV, §2340.21(a)(2)
	" " "		ESO-HV, §2718.1(e)
Liquids, Deteriorating Effect, prohibited use in			ESO-LV, §2340.11
Maintained Free from Recognized Hazard			ESO-LV, §2340.1
Mechanical Protection of			ESO-LV, §2340.26
Metal-clad cable			ESO-HV, Article 13
	Bends		ESO-HV, §2784
	Elevation		ESO-HV, §2786
	Fittings		ESO-HV, §2785
	Grounding, Grounding Conductors		ESO-HV, §2782
	Splices & Terminations		ESO-HV, §2787.1
	Strength		ESO-HV, §2787
	Supports		ESO-HV, §2783
	Use		ESO-HV, §2781
Mounting of Equipment			ESO-LV, §2340.13
" " "			ESO-HV, §2710.1
Overheating Protection of Equipment			ESO-LV, §2340.13
" " " " "			ESO-HV, §2710.1(b)
Physical Damage, Protection Electrical Equipment from			ESO-HV, §2713
Portable Equipment, Electrical			ESO-HV, Article 32
	Collector Rings		ESO-HV, §2909
	Enclosures		ESO-HV, §2908
	General		ESO-HV, §2906
	Grounding		ESO-HV, §2912
	High-Voltage Portable Main Power Supply		ESO-HV, §2911
	Over-current Protection		ESO-HV, §2907

	Power Cable Connections to Mobile Machines		ESO-HV, §2910
	Qualified Person, Work on Equipment & Systems		ESO-LV, §2320.1
Receptacle grounding terminal, connecting to box			ESO-LV, §2395.74
Service Equipment, Bonding of			ESO-LV, §2395.71
Testing			ESO-LV, §2320.3
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Unsafe Work Procedures			ESO-LV, §2340.1
Underground high-voltage Equipment, work on or near			ESO-HV, §2943
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	Confined Space Regulations, Compliance Mandated		ESO-HV, §2943(b)
	Grounding De-energized Equipment		ESO-HV, §2943(k)
	Manholes, Vaults, & Similar Structures		ESO-HV, §2943(b)
		Confined Space Regulations, Mandated	ESO-HV, §2943(b)
	Trenches & Excavations		ESO-HV, §2943(c)
	Work Conditions		
		7500 Volts or Less, Working with	ESO-HV, §2943(h)
		In Excess of 7500 Volts, Working with	ESO-HV, §2943(i)
		De-Energized Cables, Conductors or Equipment, Working on	ESO-HV, §2943(j)
		Grounding De-Energized Conductors or Equipment	ESO-HV, §2943(k)
Use of Electrical Equipment			ESO-LV, §2340.2(b)
Working Space			ESO-LV, §2340.1 6
ELECTRICAL EQUIPMENT, in Classified Space			GISO, Article 140
Scope and General Requirements			GISO, §5530
	Reference Title 24, California Electrical Code		GISO, §5530(a)
Category 3& 4 Liquids Above Flash Points			GISO, §5530
Classified Area, Limited			GISO, §5530(b)
Electrical Equipment &Wiring Specification & Installation			GISO, §5530(a)
Extent of Classified Areas			GISO, §5530(d)
Intrinsically Safe Equipment, Hazardous Locations (Classified)			ESO-LV, §2540.2(b)
Positive Pressure, With Make-up Air			GISO, §5530(c)
	Pressurizing or purging of classified areas		GISO, §5530(c)(1)
Storage/Handling of Category 1, 2, 3 or 4 Liquids			GISO, §5530
ELECTRICAL EQUIPMENT & LIGHTING, per TSO			TSO, §8460
ELECTRICAL EQUIPMENT & PRACTICES, per MSO			MSO, Article 47
Cables, Trailing Electrical Power Cables, General			MSO, §7181
	Maintenance & Repair of		MSO, §7182
Electrical Equipment & Installations			MSO, §7180
Federal Electrical Standard			MSO, §7183
ELECTRICAL EXTENSION CORDS			
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Cord Connections			ESO-LV, §2360.5
Continuity of & Attachment to Boxes			ESO-LV, §2395.114
Cord & Plug Connected Equipment			ESO-LV, §2395.59
Equipment Grounding			ESO-LV, §2395.45
Non-Grounding Type Cord			ESO-LV, §2510.58
ELECTRICAL FEEDERS & BRANCH CIRCUITS			ESO-HV, Article 5
Ampacity			ESO-HV, §2734
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Circuit Breakers			ESO-HV, §2735
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Isolation requirements			ESO-HV, §2737
Over-current Protection			ESO-HV, §2735
Switching Requirements			ESO-HV, §2736
ELECTRICAL FIXTURES, Lamps & Receptacles			ESO-LV, Article 51
Attachment Plugs (Caps)			ESO-LV, §2510.56
Cord Connectors			ESO-LV, §2510.56
	Non-Grounding Type		ESO-LV, §2510.58
Damp & Wet Locations, Approved for			ESO-LV, §2510.5
	Prohibited when not Approved for		ESO-LV, §2340.11(a)
Deteriorating Environment, Prohibited use in			ESO-LV, §2340.11
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	General Requirements		ESO-LV, §2505.2
	Over-current Protection		ESO-LV, §2505.12
	Uses Permitted		ESO-LV, §2505.10
	Uses Not Permitted		ESO-LV, §2505.11
Live Parts			ESO-LV, §2510.4
Location of Lamps			ESO-LV, §2510.3
Maximum Voltage			ESO-LV, §2510.1
Outdoor Lamps.			ESO-LV, §2375.25
Portable Hand-lamps			ESO-LV, §2510.6
Receptacles			ESO-LV, §2510.7
	Attachment Plugs		ESO-LV, §2510.56(a)
	Grounding Type		ESO-LV, §2510.7(a)
	Lamp Holders, Screw Type		ESO-LV, §2510.8
	Non-Grounding Type		ESO-LV, §2510.58
	Non-Interchangeable		ESO-LV, §2510.56(b)
	Skirted Plugs		ESO-LV, §2510.7(b)

Wet & Damp Locations — ESO-LV, §2510.5

ELECTRICAL GROUNDING — See also **ELECTRICAL INSTALLATIONS**

Air Conditioners — ESO-LV, §2395.45(a)
Alternating-current circuits and systems — ESO-LV, §2395.5
- Common grounding electrode — ESO-LV, §2395.54
- Conductor — ESO-LV, §2395.25
- Connections — ESO-LV, §2395.23

Application / Scope, High Voltage Grounding — ESO-HV, §2739.0
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Boilers, Cord & plug-connected Appliances — ESO-LV, §2395.45(a)
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Clothes-dryer, Grounding — ESO-LV, §2395.45(a)
Conductors
- Defined — ESO-HV, §2700
- Marking of — ESO-LV, §2350.2
- Metal-clad cable — ESO-HV, §2782
- Shielding tape — ESO-HV, §2820
- Use of — ESO-LV, §2350.2

Connections to
- Circuits — ESO-HV, §2739.1
- Equipment — ESO-HV, §2742
- Systems — ESO-HV, §2739.1

Construction sites — ESO-LV, §2395.45
- Assured equipment grounding conductor program. — ESO-LV, §2405.4

Cord & plug-connected Appliances — ESO-LV, §2395.45
- Used in Tanks & Boilers — ESO-LV, §2395.45(a)
- Used on Concrete or Wet Floors — ESO-LV, §2395.45(a)

Methods — ESO-LV, §2395.59
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Double Insulated Tools, Grounding Exception — ESO-LV, §2395.45, Exception (2)
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Effective grounding — ESO-LV, §2395.51
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Electrodes, Grounding
- Alternating-current circuits and systems
  - Common grounding electrode — ESO-LV, §2395.54
- Concrete foundation or footing, in or near — ESO-LV, §2395.82
- Lightning rods, Prohibition for Use as — ESO-LV, §2395.86
- Made Electrodes — ESO-LV, §2395.83
  - Pipe / Rod Electrodes — ESO-LV, §2395.83(a)
  - Plate Electrodes — ESO-LV, §2395.83(b)
  - Resistance of — ESO-LV, §2395.84
- Metal Frame of Building as — ESO-LV, §2395.82
- Pipe & Rod Electrodes — ESO-LV, §2395.83(a)
- Pipe, Water Pipe Electrodes — ESO-LV, §2395.81
- Plate electrodes — ESO-LV, §2395.83
  - Resistance — ESO-LV, §2395.84
- Rod and pipe electrodes — ESO-LV, §2395.83
  - Resistance — ESO-LV, §2395.84
- Underground gas piping system — ESO-LV, §2395.82
- Underground tanks — ESO-LV, §2395.82
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Elevators, Metal Car Frames — ESO-LV, §2395.58
Enclosures — See **ELECTRICAL ENCLOSURES**
Equipment Grounding — ESO-LV, §2395.32
- Electric Equipment > 150V to ground — ESO-LV, §2395.45(a)
- Equipment Connected by Extension Cord — ESO-LV, §2395.45
- Fixed Equipment / Permanent — ESO-LV, §2395.42
- Load-side Equipment
  - Grounded circuit conductor for grounding equipment, prohibited — ESO-LV, §2395.61
- Nonelectrical Equipment — ESO-LV, §2395.44
- Permanently Wired — ESO-LV, §2395.42
- Supports, Equipment — ESO-LV, §2395.32

Exception, Double Insulated Tools, Grounding Exception — ESO-LV, §2395.45, Exception (2)
Exposed noncurrent-carrying metal parts, Fixed equipment — ESO-LV, §2395.42
Exposed noncurrent-carrying metal parts, Cord & Plug-connected Equipment — ESO-LV, §2395.45
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Generators
- Grounded Conductor, AC Systems — ESO-LV, §2395.6(c)
- Grounded Conductor per §2395.25 — ESO-LV, §2395.6(c)

	Portable			ESO-LV, §2395.6(a)
	Vehicle-mounted			ESO-LV, §2395.6(b)
Grounding Conductors, Use & Marking of				ESO-LV, §2350.2
Grounding Connections				ESO-HV, §2739.4
Grounding Path				ESO-HV, §2742.0
Grounding of Supports, Enclosures & Equipment				ESO-HV, §2742.1
Grounding of Systems & Circuits				ESO-HV, §2743
Grounding of Systems & Circuits-General				ESO-HV, §2739.1
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Hazardous Locations, Equipment used in				ESO-LV, §2395.45(a)
Hedge clippers, Electric				ESO-LV, §2395.45(a)
Insulated Tools, Double , Grounding Exception				ESO-LV, §2395.45, Exception (2)
Lamps, Portable hand lamps				ESO-LV, §2395.45(a)
Lawn mowers, Electric				ESO-LV, §2395.45(a)
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Lightning rods, Prohibition for Use as				ESO-LV, §2395.86
	Metal frame of building as electrodes			ESO-LV, §2395.82
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	Substations Grounding			ESO-LV, §2553.66
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	Impedance of Grounded Neutral Systems			ESO-HV, §2741
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Non-electrical Equipment, metal parts, Low Voltage				ESO-LV, §2395.44
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	Resistance			ESO-LV, §2395.84
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	Antennas, 3-30 MHz, Work on			TelSO, §8614(g)
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	Open Wires, Nonworking			TelSO, §8614(b)
	Vertical Power Conduit			TelSO, §8614(c)
	Suitable Grounding			TelSO, §8614(d)
	Temporary Grounding, Bonds			TelSO, §8614(e)
	Temporary Grounding, of Suspended Strands			TelSO, §8614(f)
Portable Generators				ESO-LV, §2395.6
Power Tools				ESO-LV, §2395.45
Refrigerators				ESO-LV, §2395.45(a)
Rod & Pipe Electrodes				ESO-LV, §2395.83
	Resistance			ESO-LV, §2395.84
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Snow blowers, Electric				ESO-LV, §2395.45(a)
Stationary & Fixed motor-operated tools				ESO-LV, §2395.45(a)
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Telecommunication				
	Antennas, 3-30 MHz, Work on Telecommunication Antennas			TelSO, §8614(g)
	Conductors, Electrical, Considered Energized			TelSO, §8614(a)
	Open Wires, Nonworking			TelSO, §8614(b)
	Pole Line, for Employee Protection			TelSO, §8614
	Suitable Grounding			TelSO, §8614(d)
	Temporary Grounding, Bonds			TelSO, §8614(e)
	Temporary Grounding, of Suspended Strands			TelSO, §8614(f)
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Tools, Electric, Stationary, Fixed & Hand Held				ESO-LV, §2395.45(a)
Tools, Used in wet and conductive locations				ESO-LV, §2395.45(a)
Underground High-Voltage Cables, Conductors or Equipment				
	Work on or near Cables, Conductors or Equipment			ESO-HV, §2943
	Grounding De-energized Cables, Conductors or Equipment			ESO-HV, §2943(k)
		Manholes, Vaults, & Similar Structures		ESO-HV, §2943(b)
			Confined Space Regulations, Mandated	ESO-HV, §2943(b)
		Work Conditions		
			7500 Volts or Less, Working with	ESO-HV, §2943(h)
			In Excess of 7500 Volts, Working with	ESO-HV, §2943(i)
			De-Energized Cables, Conductors or Equipment, Working on	ESO-HV, §2943(j)
			Grounding De-Energized Conductors or Equipment	ESO-HV, §2943(k)
Washing Machine				ESO-LV, §2395.45(a)
Wet scrubbers, Electric				ESO-LV, §2395.45(a)
X-ray & Associated Equipment, Mobile				ESO-LV, §2395.45(a)
Application / Scope				ESO-HV, §2739.0
Devices				ESO-HV, §2865
Frames				ESO-HV, §2864
Grounding Connections				ESO-HV, §2739.4
Grounding Path				ESO-HV, §2742.0

Grounding of Supports, Enclosures & Equipment	ESO-HV, §2742.1
Grounding of Systems & Circuits	ESO-HV, §2743
Grounding of Systems & Circuits-General	ESO-HV, §2739.1
Methods of Grounding Fixed Equipment	ESO-HV, §2742. 3
Neutral System	
Impedance of Grounded Neutral Systems	ESO-HV, §2741
Solidly Grounded	ESO-HV, §2740
Nonelectrical Equipment	ESO-HV, §2742.2
Underground High-Voltage Cables, Conductors or Equipment	
Grounding De-energized Cables, Conductors or Equipment	ESO-HV, §2943(k)
Manholes, Vaults, & Similar Structures	ESO-HV, §2943(b)
Confined Space Regulations, Mandated	ESO-HV, §2943(b)
Work Conditions	
7500 Volts or Less, Working with	ESO-HV, §2943(h)
In Excess of 7500 Volts, Working with	ESO-HV, §2943(i)
De-Energized Cables, Conductors or Equipment, Working on	ESO-HV, §2943(j)
Grounding De-Energized Conductors or Equipment	ESO-HV, §2943(k)
ELECTRICAL, Hazardous Energy Control Procedures, High Voltage	ESO-HV, §2940.13
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Hazardous Energy Control Procedure	ESO-HV, §2940.13(c)
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Providing of lockout and tagout devices	ESO-HV, §2940.13(d)(1)
Identification of lockout devices and tagout devices	ESO-HV, §2940.13(d)(2)
Energy Isolation	ESO-HV, §2940.13(e)
Notification to employees	ESO-HV, §2940.13(f)
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Additional Requirements	ESO-HV, §2940.13(j)
Group Lockout or Tagout	ESO-HV, §2940.13(k)
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Outside Servicing Personnel	ESO-HV, §2940.13(m)
System Operator	ESO-HV, §2940.13(n)
Periodic Inspections	ESO-HV, §2940.13(o)
Training of Employees	ESO-HV, §2940.13(p)
Authorized employee training	ESO-HV, §2940.13(1)
Affected employee training	ESO-HV, §2940.13(2)
Other employees training	ESO-HV, §2940.13(3)
Tagout systems training	ESO-HV, §2940.13(4)
Retraining	ESO-HV, §2940.13(5)
Employer certification of training	ESO-HV, §2940.13(6)
ELECTRICAL HEATERS, Fixed Electric Space Heating	ESO-LV, Article 53
Application / Scope	ESO-LV, §2524.1
Disconnecting Means	ESO-LV, §2524.19
Location of	ESO-LV, §2524.65
Switch & Circuit Breaker, Indicating Type	ESO-LV, §2524.21
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Signs, Warning	ESO-HV, §2812.2(b)
Ventilation Openings, Restricted	ESO-HV, §2812.2(c)
Arcing Parts	ESO-LV, §2340.18
Back-Feeding, Precautions	ESO-LV, §2320.9
Back-Feed Voltages, protection from	ESO-HV, §2940.9
Circuit Impedance & Other Characteristics	ESO-LV, §2340.10
Circuits, Discontinued	ESO-LV, §2340.24
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Conductors, High Voltage	
Defined	ESO-HV, §2700
Metal-clad cable	ESO-HV, §2782
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	Dead-front construction		ESO-LV, §2510.56
	Grounding		ESO-LV, §2395.45
		Methods	ESO-LV, §2395.59
	Non-interchange Ability		ESO-LV, §2510.56
	Skirted Plugs 300 volts or over		ESO-LV, §2510.7
	Swimming pools		ESO-LV, §2569.7
	Temporary wiring identification		ESO-LV, §2405.4
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	Damp Locations		ESO-LV, §2340.11(a)(1)
	Gases, Fumes, liquids or Other		ESO-LV, §2340.11(a)(2)
	Temperatures, Excessive		ESO-LV, §2340.11(a)(1)
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Disconnecting means			See **ELECTRICAL DISCONNECTION MEANS / CUTOUTS**
” ” ”			See also **ELECTRICAL INTERRUPTING DEVICES**
” ” ”			See also **ELECTRICAL CIRCUIT BREAKERS**
Disconnecting switches			ESO-HV, §2835
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	Cooling of Equipment		ESO-LV, §2340.13
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		Overheating Protection	ESO-LV, §2340.13
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	Identification of Electrical Equipment		ESO-LV, §2340.22
		Branch Circuits / Services, Feeder	ESO-LV, §2340.22(b)
		Motors / Appliances, Disconnect	ESO-LV, §2340.22(a)
		Open / Closed, Clear Indication	ESO-LV, §2340.22(c)
		Ratings, Series Combination	ESO-LV, §2340.22(f)
	Identification Label, Electrical Equipment		ESO-LV, §2340.21
		Connections, Electrical	ESO-HV, §2715
		Durability of Marking	ESO-LV, §2340.21(b)
		Manufacturer’s information	ESO-LV, §2340.21(a)(1)
		Marking	ESO-HV, §2718
		Purpose of Service, Feeders, Circuits	ESO-HV, §2718.1(e)
		Voltage, Current, Current, Wattage	ESO-LV, §2340.21(a)(2)
	Inspection of Electrical Equipment		ESO-LV, §2340.2
		Inspection / Examination of	ESO-HV, §2710(a)
		Installation, Examination, & Use of	ESO-LV, §2340.2
		” ” ” ” ”	ESO-HV, §2710(b)
	Installation of Electrical Equipment		ESO-LV, §2340.2(b)
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		Branch Circuits / Services, Feeder	ESO-LV, §2340.22(b)
		Marking	ESO-HV, §2718
		Motors / Appliances, Disconnect	ESO-LV, §2340.22(a)
		Open / Closed, Clear Indication	ESO-LV, §2340.22(c)
		Ratings, Series Combination	ESO-LV, §2340.22(f)
	Mounting of Equipment		ESO-LV, §2340.13
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	Physical Damage, Protection Electrical Equipment from		ESO-HV, §2713
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	Overheating Protection of Equipment		ESO-LV, §2340.13
	” ” ” ” ”		ESO-HV, §2710.1(b)
	Portable Equipment, Electrical		ESO-HV, Article 32
		Collector Rings	ESO-HV, §2909
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		General	ESO-HV, §2906
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		High-Voltage Portable Main Power Supply	ESO-HV, §2911
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		Power Cable Connections to Mobile Machines	ESO-HV, §2910
		Qualified Person, Work on Equipment & Systems	ESO-LV, §2320.1
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	Access and workspace requirements		ESO-HV, §2945
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Employer’s responsibility, Provide Safety Devices & Safeguards			ESO-HV, §2940(b)
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- Locked — ESO-HV, §2810
- Metal Enclosures — ESO-HV, §2809
- Oil-filled cutouts — ESO-HV, §2855
- Outdoor wiring, terminal enclosures — ESO-HV, §2829
- Vaults — ESO-HV, §2805
  - Ceiling Access — ESO-HV, §2805(d)
  - Doors — ESO-HV, §2805(c)
  - Drainage — ESO-HV, §2805(h)
  - Fire Containment — ESO-HV, §2805
  - Foreign Pipes & Accessories — ESO-HV, §2805(i)
  - Material Storage — ESO-HV, §2805(j)
  - Strength — ESO-HV, §2805(a)
  - Un-Authorized Access — ESO-HV, §2805
  - Ventilation, Adequate — ESO-HV, §2805(g)
  - Ventilation Ducts — ESO-HV, §2805(e)
  - Ventilation Openings — ESO-HV, §2805(f)
  - Wall Material — ESO-HV, §2805(b)
  - Oil-Filled Equipment Vaults — ESO-HV, §2806
  - Oil-Filled Equipment, Oil Volume Limit — ESO-HV, §2807
  - Separate Buildings — ESO-HV, §2907
  - Signs, Warning — ESO-HV, §2811
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    - Application of §2943 — ESO-HV, §2943(a)
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    - Work Conditions
      - 7500 Volts or Less, Working with — ESO-HV, §2943(h)
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Feeders — ESO-HV, Article 5
- Ampacity — ESO-HV, §2734
- Defined — ESO-HV, §2700
- Isolation requirements — ESO-HV, §2737
- Overcurrent protection — ESO-HV, §2735
- Multi-wire Branch Circuits — ESO-HV, §2738
- Switching Requirements — ESO-HV, §2736

Fencing Requirement — ESO-HV, §2812
Fused interrupter switches — ESO-HV, §2834
Fuse links — ESO-HV, §2847
Grounding Requirements — See **ELECTRICAL GROUNDING**
Guarding of Energized Parts — ESO-LV, §2340.17
- Enclosures, Mechanical Protection — ESO-LV, §2340.26

Identification of Equipment — ESO-LV, §2340.22
- Branch Circuits / Services, Feeder — ESO-LV, §2340.22(b)
- Motors / Appliances, Disconnect — ESO-LV, §2340.22(a)
- Open / Closed, Clear Indication — ESO-LV, §2340.22(c)
- Ratings, Series Combination — ESO-LV, §2340.22(f)

Inspection, Examine, Test, Safety devices, tools, and equipment — ESO-HV, §2940(b)
- Instructed to — ESO-HV, §2940(b)

Insulation Integrity — ESO-LV, §2340.8
Integrated Electrical Systems — ESO-LV, Article 89
- Application / Scope — ESO-LV, §2589.1
- Location of Over-current Devices — ESO-LV, §2589.2

Interrupting Rating — ESO-LV, §2340.9
Labeling, Identification of Equipment — ESO-LV, §2340.22
- Branch Circuits / Services, Feeder — ESO-LV, §2340.22(b)
- Marking — ESO-HV, §2718
- Motors / Appliances, Disconnect — ESO-LV, §2340.22(a)
- Open / Closed, Clear Indication — ESO-LV, §2340.22(c)
- Ratings, Series Combination — ESO-LV, §2340.22(f)

Labels, Information — ESO-LV, §2340.21
- Durability of Marking — ESO-LV, §2340.21(b)
- Manufacturer's information — ESO-LV, §2340.21(a)(1)
- Voltage, Current, Current, Wattage — ESO-LV, §2340.21(a)(2)

Liquids, Deteriorating Agents — ESO-LV, §2340.11(a)(2)
Locking, Securing Requirement — ESO-HV, §2810
- Locks — ESO-HV, §2812.2(a)

Maintenance of				ESO-LV, §2340.1
” ”				ESO-HV, §2714
Marking				ESO-LV, §2340.21
	Durability of Marking			ESO-LV, §2340.21(b)
	Manufacturers Identification			ESO-LV, §2340.21(a)
	Ratings Identified			ESO-LV, §2340.21(a)
Mechanical Execution of Work				ESO-LV, §2340.12
Mechanical Protection, Enclosures				ESO-LV, §2340.26
Metal Enclosures				ESO-HV, §2809
Mounting & Cooling of Equipment				ESO-LV, §2340.13
Neat, Mechanical Execution of Work, Quality				ESO-LV, §2340.12
Observers				ESO-HV, §2940(d)
Oil-filled cutouts				ESO-HV, §2855
Outdoor wiring, terminal enclosures				ESO-HV, §2829
Openings in Boxes, Cabinets, etc. shall be closed				ESO-LV, §2340.12(a)
Openings in Boxes, Cabinets, etc. shall be closed				ESO-HV, §2714(c)
Operating Procedures, Work Procedures, Safe				ESO-HV, §2940
Over-current Protection				ESO-LV, Article 10
	Arcing or Suddenly Moving Parts			ESO-LV, §2390.41
	Circuit Breakers			ESO-LV, §2390.81
	Circuit Breakers Used as Switches			ESO-LV, §2390.81(c)
	Disconnecting Means for Fuses			ESO-LV, §2390.20
	Fuses			
		Panelboards		
			Installation on load side of switches	ESO-LV, §2484.19
		Safe location		ESO-LV, §2340.27
	General Requirements			ESO-LV, §2390.1
	Grounded Conductors			ESO-LV, §2390.10
	Location of Devices, Accessible / Protected			ESO-LV, §2390.24
	Location of Devices			ESO-LV, §2340.27
Overhead Lines, Accidents Prevention Requirements				ESO-HV, Article 37
	General Provisions for			ESO-HV, §2946
	Notification to the Operators of High-Voltage Lines			ESO-HV, §2948
	Responsibility for Safeguards			ESO-HV, §2948
	Special Exemption			ESO-HV, §2949
	Warning Signs Requirement			ESO-HV, §2947
Overheating Protection of Equipment				ESO-LV, §2340.13
” ” ” ” ”				ESO-HV, §2710.1(b)
Protective Devices, Location of				ESO-LV, §2340.27
Qualified Person, Low Voltage				ESO-LV, §2320.1
Qualified Electrical Worker, High Voltage				ESO-HV, §2940(c)
Roof Top Installations				ESO-HV, §2808
Safe Work Conditions, Employer’s responsibility				ESO-HV, §2940(b)
Separate Building, Installations inside				ESO-HV, §2808
Signs, Warning				ESO-HV, §2812.2(b)
” ” ”				ESO-HV, §2811
Vaults				ESO-HV, §2805
	Ceiling Access			ESO-HV, §2805(d)
	Doors			ESO-HV, §2805(c)
	Drainage			ESO-HV, §2805(h)
	Fire Containment			ESO-HV, §2805
	Foreign Pipes & Accessories			ESO-HV, §2805(i)
	Material Storage			ESO-HV, §2805(j)
	Strength			ESO-HV, §2805(a)
	Un-Authorized Access			ESO-HV, §2805
	Ventilation, Adequate			ESO-HV, §2805(g)
	Ventilation Ducts			ESO-HV, §2805(e)
	Ventilation Openings			ESO-HV, §2805(f)
	Wall Material			ESO-HV, §2805(b)
	Oil-Filled Equipment Vaults			ESO-HV, §2806
	Oil-Filled Equipment, Oil Volume Limit			ESO-HV, §2807
	Separate Buildings			ESO-HV, §2907
	Signs, Warning			ESO-HV, §2811
	Underground Vaults			ESO-HV, §2943
		Application of §2943		ESO-HV, §2943(a)
		Grounding De-energized Cables		ESO-HV, §2943(k)
		Manholes, Vaults, & Similar Structures		ESO-HV, §2943(b)
			Confined Space Regulations, Mandated	ESO-HV, §2943(b)
		Work Conditions		
			7500 Volts or Less, Working with	ESO-HV, §2943(h)
			In Excess of 7500 Volts, Working with	ESO-HV, §2943(i)
			De-Energized Cables, Conductors or Equipment, Working on	ESO-HV, §2943(j)
			Grounding De-Energized Conductors or Equipment	ESO-HV, §2943(k)
Ventilation Openings, Restricted				ESO-HV, §2812.2(c)
	Vaults			ESO-HV, §2805(f)
Wiring				
	Open Wiring (Bare), High Voltage			ESO-HV, Article 9

		Application / Scope	ESO-HV, §2755
		Clearances over Driveways	ESO-HV, §2758
		Insulators	ESO-HV, §2757
		Spacing Between Bare Parts / Surfaces	ESO-HV, §2756
	Open Wiring, Low Voltage		ESO-LV, Article 16
		Conductor Supports	ESO-LV, §2420.4
		Exposed Wiring, Uses Permitted	ESO-LV, §2420.3
		Flexible Nonmetallic Tubing	ESO-LV, §2420.5
		Penetrations of Walls, Floors, Cross Members, etc.	ESO-LV, §2420.6
		Protection from Physical Damage	ESO-LV, §2420.7
	Outdoor Wiring, High Voltage		ESO-HV, Article 19
		Circuit Feedback	ESO-HV, §2831
		General Requirements	ESO-HV, §2823
		Insulated Conductors	ESO-HV, §2830
		Outdoor Lighting	ESO-HV, §2825
		Overhead Lines	ESO-HV, §2824
		Raceways Above Ground	ESO-HV, §2826
		Raceways (or Ducts) Below Ground	ESO-HV, §2827
		Risers	ESO-HV, §2828
		Terminal Enclosures	ESO-HV, §2829
	Outdoor Wiring, Low Voltage		ESO-LV, Article 8
		Application / Scope	ESO-LV, §2375.1
		Clearance from Buildings	ESO-LV, §2375.19
		Clearance from Ground	ESO-LV, §2375.18
		Conductors on Poles	ESO-LV, §2375.7
		Location of Outdoor Lamps	ESO-LV, §2375.25
Workmanlike Manner, Neat, Quality			ESO-LV, §2340.12
Work Procedures, Safe			ESO-HV, §2940
	Qualified Electrical Worker		ESO-HV, §2940(c)
Work Space about Electrical Equipment			ESO-LV, §2340.16
ELECTRICAL INTERRUPTING DEVICES, Low Voltage			ESO-LV, §2340.9
” ” ” ” ” ”			See also **ELECTRICAL DISCONNECTION MEANS / CUTOUTS**
” ” ” ” ” ”			See also **ELECTRICAL CIRCUIT BREAKERS**
Fuses			
	Panelboards		
		Installation on load side of switches	ESO-LV, §2484.19
	Safe location		ESO-LV, §2340.27
ELECTRICAL INTERRUPTING DEVICES, High Voltage			ESO-HV, Article 20
” ” ” ” ” ”			See also **ELECTRICAL DISCONNECTION MEANS / CUTOUTS**
” ” ” ” ” ”			See also **ELECTRICAL CIRCUIT BREAKERS**
Circuit Breakers			
	General Requirements		ESO-HV, §2839
	Grounding of Enclosures		ESO-HV, §2838
	Identification / Marking of		ESO-HV, §2840
	Isolation		ESO-HV, §2841
	Ratings		ESO-HV, §2837
	” ”		ESO-HV, §2710(d)
Disconnecting (Isolating) Switches			ESO-HV, §2835
Distribution Cutouts & Links-Expulsion Type			ESO-HV, §2847
Interrupter Switches			ESO-HV, §2833
Interrupter Switches			
	Fused Interrupter Switches		ESO-HV, §2834
	Load Interrupter Switches		ESO-HV, §2833.2
Isolating Devices for Inspections & Repairs			ESO-HV, §2832
Knife Switches			ESO-HV, §2833.1
Oil-Filled Cutouts			
	Continuous Current Rating		ESO-HV, §2849
	Enclosure		ESO-HV, §2855
	Fault Closing Rating		ESO-HV, §2852
	Identification		ESO-HV, §2854
	Interrupting Rating,		ESO-HV, §2850
	Location		ESO-HV, §2853
	Voltage Rating		ESO-HV, §2851
Power Fuses			ESO-HV, §2845
Reclosers, General Requirements			ESO-HV, §2843
ELECTRICAL, MINIMUM APPROACH DISTANCES			
Definition, High Voltage Electrical Safety Orders			ESO-HV, §2700
Definition, Low Voltage Electrical Safety Orders			ESO-LV, §2300
Minimum Approach Distances, High Voltage			ESO-HV, §2945, Appx A
Determining Minimum Approach Distances, High Voltage			ESO-HV, §2945, Appx A
Minimum Approach-Distance Tables, High Voltage			ESO-HV, §2945, Appx A
Minimum Approach Distances, AC Systems			ESO-HV, §2940.2, Table 2940.2-1
Minimum Approach Distances, DC Systems			ESO-HV, §2940.2, Table 2940.2-2
ELECTRICAL MOTORS, & Motor Circuits & Controllers			ESO-LV, Article 56
Automatic Restarting			ESO-LV, §2530.43
Controller Design			ESO-LV, §2530.82

Disconnecting Means			ESO-LV, §2530.74
	Grounded Conductors		ESO-LV, §2530.105
	Motor & Controller, Both		ESO-LV, §2530.103
	Motors Served by a Single		ESO-LV, §2530.112
	Service Switch as		ESO-LV, §2530.106
	To Be Indicating		ESO-LV, §2530.104
Energy from More Than One Source			ESO-LV, §2530.113
Guarding Against Accidental Contact			ESO-LV, §2530.121
Grounded Conductors			ESO-LV, §2530.105
In Sight from (visible from) Controller Location			ESO-LV, §2530.102
Visible from, Defined			ESO-LV, §2530.4
Motor Controller, General			ESO-LV, §2530.81
	Controller Design		ESO-LV, §2530.82
	Horse Power Rating		ESO-LV, §2530.83
Motor Not Visible from Controller			ESO-LV, §2530.86
Motors Served by Single Disconnecting Means			ESO-LV, §2530.112
Need Not Open All Conductors			ESO-LV, §2530.84
Overheating Protection			ESO-LV, §2530.120
Readily Accessible			ESO-LV, §2530.107
Service Switch as Disconnecting Means			ESO-LV, §2530.106
ELECTRICAL OPERATIONS, Specifically Listed			
Cranes & Hoisting Operations, per ESO-HV			ESO-HV, §2940.7(c), (d), (e)
	Clearance to Exposed Energized Parts		ESO-HV, §2940.7(c)(4)
	Comply with GISO, Articles 91-100		ESO-HV, §2940.7(c)(1)
	Contact with Exposed Energized Parts, Precautions		ESO-HV, §2940.7(c)(5)
	Hoisting Cables		ESO-HV, §2940.7(e)
	Hoisting Devices		ESO-HV, §2940.7(d)
	Operator Qualification and Certification, per CSO		CSO, §1618.1
Hoisting Operations, per ESO-LV			ESO-LV, Article 74
	Access to Control Cabinets, Space Clearance		ESO-LV, §2561.3
	Application / Scope		ESO-LV, §2561.1
	Combustible Materials, Work over		ESO-LV, §2561.2
	Disconnecting Means		
		Cranes & Hoists	ESO-LV, §2561.32
		Runway Conductor	ESO-LV, §2561.31
	Energized Parts, Access		ESO-LV, §2561.3
	Limit Switch Requirement		ESO-LV, §2561.55
	Location Requirement		ESO-LV, §2561.2
	Magnets, Lifting		ESO-LV, §2561.7
	Motor, Separate Controls for Each		ESO-LV, §2561.51
	Remote Control Circuits		ESO-LV, §2561.8
	Wiring Method, Enclosures / Raceways		ESO-LV, §2561.11
	Work Space Clearance		ESO-LV, §2561.3
Mine & Tunnel Installations			ESO-HV, Article 33
	Application / Scope		ESO-HV, §2914(a)
	Application / Scope		ESO-HV, §2914(b)
	Below Ground Equipment / Switches		ESO-HV, §2918
	Bonding & Equipment Conductor		ESO-HV, §2917
	Conductors		ESO-HV, §2916
	Disconnecting Means		ESO-HV, §2921
	Enclosure of Energized Parts		ESO-HV, §2919
	Enclosures, Specifications & Use		ESO-HV, §2922
	General		ESO-HV, §2914(c)
	Grounding of Mining / Tunneling Equipment		ESO-HV, §2923
	Over-current Protection		ESO-HV, §2915
	Ventilation System Controls		ESO-HV, §2920
ELECTRICAL OUTLETS, Covers			ESO-LV, §§2510.5(b)
Grounding			ESO-LV, §2510.7(a)
ELECTRICAL, Over-current Protection			ESO-LV, Article 10
” ” ” ” ” ”			See also **ELECTRICAL INTERRUPTING DEVICES**
” ” ” ” ” ”			See also **ELECTRICAL DISCONNECTION MEANS / CUTOUTS**
” ” ” ” ” ”			See also **ELECTRICAL CIRCUIT BREAKERS**
Arcing or Suddenly Moving Parts			ESO-LV, §2390.41
Circuit Breakers			ESO-LV, §2390.81
Circuit Breakers Used as Switches			ESO-LV, §2390.81(c)
Disconnecting Means for Fuses			ESO-LV, §2390.20
Fuses			
	Panelboards		
		Installation on load side of switches	ESO-LV, §2484.19
	Safe location		ESO-LV, §2340.27
General Requirements			ESO-LV, §2390.1
Grounded Conductors			ESO-LV, §2390.10
Location of Devices, Accessible / Protected			ESO-LV, §2390.24
ELECTRICAL PANELS			
Access to			ESO-HV, §2711
Clear space around			
ELECTRICAL, Panelboards & Switchboards			ESO-LV, Article 48

Busbars & Conductors, Support & Placement	ESO-LV, §2484.3
Enclosures	ESO-LV, §2484.6
Exposed Live Parts	ESO-LV, §2484.5
Knife Switches Mounted in Switchboards	ESO-LV, §2484.24
Relative Arrangement of Switches & Fuses	ESO-LV, §2484.19
ELECTRICAL, Photovoltaic System, Solar	ESO-LV, Article 88
Application / Scope	ESO-LV, §2588.1
Conductors of Different Systems	ESO-LV, §2588.2
Disconnecting Means	ESO-LV, §2588.3
ELECTRICAL, Pipeline Heating Equipment, Electric	ESO-LV, Article 55
Application / Scope	ESO-LV, §2527.1
Definitions	ESO-LV, §2527.2
Disconnecting Means	ESO-LV, §2527.55
General Installation Requirements	ESO-LV, §2527.10
Identification	ESO-LV, §2527.13
Over-current Protection	ESO-LV, §2527.22
Use	ESO-LV, §2527.11
ELECTRICAL, Power Cords, Flexible	ESO-LV, Article 49
Conductor Identification	ESO-LV, §2500.23
In Show Windows & Show Cases	ESO-LV, §2500.11
Maintenance of Outer Sheath	ESO-LV, §2500.25
Over-current Protection	ESO-LV, §2500.13
Pull at Joints & Terminals	ESO-LV, §2500.10
Splices	ESO-LV, §2500.9
Uses Not Permitted	ESO-LV, §2500.8
Uses Permitted	ESO-LV, §2500.7
ELECTICAL POWER GENERATION, High Voltage	ESO-HV, §2944.1
Additional requirements and work practices	ESO-HV, §2944.1(a)
Interlocks and other safety devices	ESO-HV, §2944.1(a)(1)
Changing brushes	ESO-HV, §2944.1(a)(2)
Access and working space	ESO-HV, §2944.1(a)(3)
Rooms and other spaces	ESO-HV, §2944.1(a)(4)
Live energized parts	ESO-HV, §2944.1(a)(5)
Water or Steam Spaces	ESO-HV, §2944.1(b)
Chemical Cleaning of Boilers and Pressure Vessels	ESO-HV, §2944.1(c)
Boilers	ESO-HV, §2944.1(d)
Chlorine Systems	ESO-HV, §2944.1(e)
Turbine Generators	ESO-HV, §2944.1(f)
Coal and Ash Handling	ESO-HV, §2944.1(g)
Hydroplants and Equipment	ESO-HV, §2944.1(h)
ELECTRICAL, Power-Limited Circuits, Remote Control	ESO-LV, Article 85
Classification, Class 1, Class 2, & Class 3	ESO-LV, §2585.1
Marking	ESO-LV, §2585.2
Separation from Conductors & Other Circuits	ESO-LV, §2585.3
ELECTRICAL, Power Poles	
Conductors on	ESO-LV, §2375.7
Pole Hauling	ESO-HV, §2940.8(b)
Temporary Poles	ESO-LV, §2405.3
Tubular steel power line poles	ESO-HV, §2942
Unloading of Poles	ESO-HV, §2940.8(a)
ELECTRICAL, Power Supply Systems, Emergency	ESO-LV, Article 80
Accessibility	ESO-LV, §2571.25
Application / Scope	ESO-LV, §2571.1
Emergency Illumination	ESO-LV, §2571.16
Sign Requirements	ESO-LV, §2571.30
Switch Location	ESO-LV, §2571.21
Tests & Maintenance	ESO-LV, §2571.4
Wiring Methods	ESO-LV, §2571.9
ELECTRICAL, Power Lines, Overhead, Accidents Prevention	ESO-HV, Article 37
General Provisions for	ESO-HV, §2946
Notification to the Operators of High-Voltage Lines	ESO-HV, §2948
Responsibility for Safeguards	ESO-HV, §2948
Special Exemption	ESO-HV, §2949
Warning Signs Requirement	ESO-HV, §2947
ELECTRICAL, Protection From Flames and Electric Arcs, Low Voltage	ESO-LV, §2320.11
Hazard Assessment	ESO-LV, §2320.11(a)
Selection and Prohibited Clothing	ESO-LV, §2320.11(b)
Fuse Handling	ESO-LV, §2320.11(c)
Energized Covered (Noninsulated) Conductors	ESO-LV, §2320.11(d)
Non-Current-Carrying Metal Parts	ESO-LV, §2320.11(e)
Opening and Closing Circuits Under Load	ESO-LV, §2320.11(f)
ELECTRICAL, Protection From Flames and Electric Arcs, High Voltage	ESO-HV, §2940.11
Hazard Assessment	ESO-HV, §2940.11(a)
Selection and Prohibited Clothing	ESO-HV, §2940.11(b)

	Flame-resistant clothing		ESO-HV, §2940.11(b)(1)
	Arc rating method		ESO-HV, §2940.11(b)(2)
Fuse Handling			ESO-HV, §2940.11(c)
Energized Covered (Noninsulated) Conductors			ESO-HV, §2940.11(d)
Non-Current-Carrying Metal Parts			ESO-HV, §2940.11(e)
Opening and Closing Circuits Under Load			ESO-HV, §2940.11(f)
ELECTRICAL, Protective Equipment & Tools			ESO-HV, §2940.6
Apparel			ESO-HV, §2940.6(k)
Conductive, Measuring Tape, Rope & others Prohibition			ESO-HV, §2940.6(f)
Conductive Objects, near energize parts, Prohibition			ESO-HV, §2940.6(i)
Eye Protection			ESO-LV, §2320.2(a)(6)
Fall Protective Equipment			ESO-HV, §2940.6(b)
Gloves, Sleeves, Blankets, Insulating			ESO-HV, §2940.6(a)
” ” ” ” ” ”			ESO-LV, §2320.2(a)
Hand Tools			ESO-HV, §2940.6(g)
Head Protection			GISO, §3381
Insulating Equipment			ESO-HV, §2940.6(a)
	Testing of		ESO-HV, §2940.6(a)(3), (4)
	Gloves, Sleeves, Blankets, Insulating		ESO-HV, §2940.6(a)
	Testing of		ESO-HV, §2940.6(a)
Ladders			ESO-HV, §2940.6(d)
Linemen’s Body Belts & Lanyards			ESO-HV, §2940.6(c)
Live Line Tools			ESO-HV, §2940.6(e)
ELECTRICAL RACEWAYS			
Inserting in raceways			ESO-HV, §2747
Signs& Outline lighting exceeding 600 volts, installation			ESO-HV, §2970(b)
ELECTRICAL RAIL WAY, Facilities			
Access and workspace requirements			ESO-HV, §2945
ELECTRICAL REQUIREMENTS, Other			
per Construction Safety Orders			CSO, §1760
per Petroleum Safety Orders, Drilling & Production			PSO-D&P, §6527
ELECTRICAL, Rotating Machinery & Its Control Apparatus			ESO-HV, Article 28
Application / Scope			ESO-HV, §2880
Conductors			ESO-HV, §2881
Generator Circuit Protection			ESO-HV, §2884
Generators			ESO-HV, §2882.2
Identification / Nameplate			ESO-HV, §2885
Motor Circuit Protection			ESO-HV, §2883
Motors			ESO-HV, §2882.1
ELECTRICAL, Safe Work Procedures			ESO-LV, Article 3
Back-feeding or Interconnection			ESO-LV, §2320.9
Conditions, Required			ESO-LV, §2320.2
Crane & Hoisting Operations			ESO-HV, §2940.7(c)
Crane & Hoisting Operations			ESO-HV, §2940.7(d)
Crane & Hoisting Operations			ESO-HV, §2940.7(e)
	Clearance to Exposed Energized Parts		ESO-HV, §2940.7(c)(4)
	Comply with GISO, Articles 91-100		ESO-HV, §2940.7(c)(1)
	Contact with Exposed Energized Parts, Precautions		ESO-HV, §2940.7(c)(5)
	Hoisting Cables		ESO-HV, §2940.7(e)
	Hoisting Devices		ESO-HV, §2940.7(d)
De-energized Equipment			ESO-LV, §2320.4
	Considered Energized until Tested		ESO-LV, §2320.3
Energized Equipment or Systems			ESO-LV, §2320.2
	Considered Energized until Tested		ESO-LV, §2320.3
Fall Protection			ESO-LV, §2320.8
Qualified Person Requirement			ESO-LV, §2320.1
Qualified Electrical Worker Requirement			ESO-HV, §2940(c)
Safety Precautions			ESO-LV, §2320.7
Testing, De-energized Equipment			ESO-LV, §2320.3
Tree Trimming Operations, per ESO			
	High Voltage Line Clearance		ESO-HV, Article 38
		Application	ESO-HV, §2950
		Minimum Approach Distances	ESO-HV, §2950(b), Table 1
		Line Clearance Operations (Tree Trimming)	ESO-HV, §2951
		Qualified Electrical Worker	ESO-HV, §2950(b) Exception No. 3
ELECTRICAL SAFETY ORDERS (ESO)			ESO, Subchapter 5
High-Voltage Electrical Orders			ESO-HV, Group 2
” ” ” ” ”		See All Other Section References Identified with ESO-HV	
		Approvals by Cal/OSHA	ESO-HV, §2707
		Application	ESO-HV, §2706
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Shore Power	SSO, §8397.2(a)
Grounding, Effective	SSO, §8397.2(a)(1)
Safe Condition of Electrical System	SSO, §8397.2(a)(2)
Overcurrent Protection	SSO, §8397.2(a)(1)
ELECTRIC POWER, Hand Tools	CSO, §1707(a)
ELECTRIC SHOCKS, protection from, per CSO	CSO, §1518
ELECTRIC WELDERS	ESO-LV, Article 75
Disconnecting Means	
Arc Welders	ESO-LV, §2563.23
Resistance Welders	ESO-LV, §2563.33
Over-current Protection	ESO-LV, §2563.22
ELECTRODES, Grounding	
Alternating-current circuits and systems	
Common grounding electrode	ESO-LV, §2395.54
Concrete foundation or footing, in or near	ESO-LV, §2395.82
Lightning rods, Prohibition for Use as	ESO-LV, §2395.86
Made Electrodes	ESO-LV, §2395.83
Pipe / Rod Electrodes	ESO-LV, §2395.83(a)
Plate Electrodes	ESO-LV, §2395.83(b)
Resistance of	ESO-LV, §2395.84
Metal Frame of Building as	ESO-LV, §2395.82
Pipe & Rod Electrodes	ESO-LV, §2395.83(a)
Pipe, Water Pipe Electrodes	ESO-LV, §2395.81
Plate electrodes	ESO-LV, §2395.83
Resistance	ESO-LV, §2395.84
Rod and pipe electrodes	ESO-LV, §2395.83
Resistance	ESO-LV, §2395.84
Underground gas piping system	ESO-LV, §2395.82
Underground tanks	ESO-LV, §2395.82
Water pipe electrodes	ESO-LV, §2395.81
ELECTROLYTIC CELLS	ESO-LV, Article 83
Application / Scope	ESO-LV, §2583.1
Application	ESO-LV, §2583.2
Auxiliary Nonelectrical Connections	ESO-LV, §2583.7
Crane & Hoist Operations	ESO-LV, §2583.8
Disconnecting Means	ESO-LV, §2583.3
Fixed & Portable Electric Equipment	ESO-LV, §2583.6
Portable Electric Equipment	ESO-LV, §2583.4
Power Supply Circuits	ESO-LV, §2583.5

Receptacles for Portable Equipment					ESO-LV, §2583.5
ELECTROLYTIC SYSTEMS					ESO-LV, Article 82
Electroplating & Electro-stripping Systems					ESO-LV, §2580.1
Wiring Methods					ESO-LV, §2580.6
ELECTRONIC NEWS GATHERING (ENG) EQUIPMENT					ESO-HV, Article 40
Accident Prevention, Operation of ENG Vehicles					ESO-HV, §2981
	in Proximity of Overhead Power Lines				
COWS (Cells on Wheels), Mobile Cellular Telephone Sites, Exclusion					ESO-HV, §2980
Definitions					ESO-HV, §2980
Employee Training					ESO-HV, §2982
Overhead power lines accident prevention					ESO-HV, §2981
Potential, Step Potential & Touch Potential, Illustration					ESO-HV, §2980, Figure 1
Safety Inspections					ESO-HV, §2983
Variances					ESO-HV, §2305.3
ELECTRO-PLATING & ELECTRO-STRIPPING SYSTEMS					ESO-LV, §2580.1
Wiring Methods					ESO-LV, §2580.6
ELEVATED LOCATIONS, Guarding of					GISO, §3210
Elevated Locations, w/ Fall Protection, Specified					GISO, §3210(b), Exception (5)
ELEVATORS, Construction Worksites, per CSO					CSO, §1630
" " " "				See also **PERSONNEL HOIST**	
ELEVATORS, GRAIN & GRAIN HANDLING FACILITIES					GISO, §5178
" " " " "				See also **GRAIN HANDLING**	
	Application / Scope				GISO, §5178(a)
Bucket Elevator, Inside					GISO, §5178(j)
Contractors					GISO, §5178(*l*)
Elevator, Inside Bucket Elevator					GISO, §5178(j)
Emergency Escape					GISO, §5178(m)
Emergency Action Plan					GISO, §5178(o)
Entry into Storage Structure					GISO, §5178(b)
	Attendant/ 2nd Employee, during entry				GISO, §5178(b)(5)
	Authorization to Enter, Written				GISO, §5178(b)(1)
	Body Harness w/ Lifeline Requirement				GISO, §5178(b)(5)
	Bridging Conditions, Employee Exposure Prohibited				GISO, §5178(b)(4)
	Confined Space Entry, Testing of Air				GISO, §5178(b)(1)(B)
	Deenergizing of Equipment Prior to Entry				GISO, §5178(b)(2)
	Fall Protection Equipment/ Body Harness w/ Lifeline Requirement				GISO, §5178(b)(5)
	Lifeline / Body Harness Requirement				GISO, §5178(b)(5)
	Rescue Personnel Requirement				GISO, §5178(b)(6)
	Safety Precautions compliance with			GISO, §5158	GISO, §5178(b)(1)(A)
	Walking Down Grain Prohibited				GISO, §5178(b)(3)
Filter Collectors					GISO, §5178(f)
Grain Dryer, Bulk, Continuous Flow					GISO, §5178(i)
Grain Stream Processing Equipment					GISO, §5178(h)
Grate Openings					GISO, §5178(e)
Hot Work					GISO, §5178(c)
Housekeeping / Cleaning					GISO, §5178(d)
Preventive Maintenance					GISO, §5178(g)
Record keeping					GISO, §5178(k)
Training					GISO, §5178(n)
ELEVATOR SAFETY ORDERS					ElevSO, Subchapter 6
Administrative Regulations (Group I)					ElevSO, Group I
	Application / Scope				ElevSO, §3000
		Excluded Devices			ElevSO, §3000(d)
		Group II Elevator installations			ElevSO, §3000(g)
		Group III Elevator installations			ElevSO, §3000(f)
		Group IV Elevator installations			ElevSO, §3000(h)
			Application of		ElevSO, §3140
		Included Devices			ElevSO, §3000(c)
		Prohibited devices			ElevSO, §3000(e)
		Regulated Devices			ElevSO, §3000(c)
	Definitions				ElevSO, §3009
	Inspections				ElevSO, §3001(b)
	Inspectors, Qualifications for Certification				ElevSO, §3003
	Permit to Operate Elevator(s)				ElevSO, §3001
	Standard Reference Documents				ElevSO, Article 5
		Authority for Standard			ElevSO, §3004
	Variances				ElevSO, §3002
ELEVATORS, Group II installations, Contract signed before 10/25/1998					ElevSO, Group II
Cable-Driven Passenger & Freight Elevators					ElevSO, Article 7
	Alarm Systems				ElevSO, §3041
	Buffers & Bumpers, Car & Counterweight				ElevSO, §3031
		Oil Buffers & Supports, Design & Tests			ElevSO, §3108
	Capacity & Loading				ElevSO, §3037
	Car, Elevator				
		Car Frames & Platforms			ElevSO, §3063
		Enclosures, Doors & Gates			ElevSO, §3034
		Frames & Platforms			ElevSO, §3033

		Safeties	ElevSO, §3035
		Safety Stopping Distance	ElevSO, §3106
	Clear Space around Elevator Parts / Components		See **ELEVATOR**, Clearances
	Clearances, Horizontal Car & Counterweight		ElevSO, §3018
	Clearances & Runbys for Elevator Cars		ElevSO, §3017
	Counterweights		ElevSO, §3032
		Clearances	ElevSO, §3018
		Location & Guarding	ElevSO, §3013
		Safeties	ElevSO, §3035
		Stopping Distance	ElevSO, §3106
	Doors & Gates, Hoistway		
		Access Switches	ElevSO, §3021(k)
		Doors Permitted	ElevSO, §3022
		Locking / Inter-Locking Devices	ElevSO, §3021
		Power Operation of	ElevSO, §3022
	Driving Machines & Sheaves		ElevSO, §3038
		Factor of Safety	ElevSO, §3104
	Dumbwaiter, Hand & Power, Scope		ElevSO, Article 12
	Electrical Requirements, per ElevSO		
		Electrical Installations shall be per CCR, Title 24	ElevSO, §3112
		Wiring in Hoistways, Machine Rooms & Machinery Spaces	ElevSO, §3012(a)
	Elevator Cars, Clearances & Runbys		ElevSO, §3017
	Emergency Alarm System		ElevSO, §3041
	Foundations, Machinery		ElevSO, §3015
	Gates, Hoistway		See Door & Gates, Hoistway
	Governors		ElevSO, §3036
	Guarding of Exposed Machinery		ElevSO, §3014
	Guide Rails, Supports, & Fastenings		ElevSO, §3030
	Hoist Construction		ElevSO, §3010
	Hoisting Ropes & Their Connections		ElevSO, §3042
	Hoistways		
		Doors & Gates	See Doors & Gates, Hoistway
		Enclosure of	ElevSO, §3078
		Equipment for Dumbwaiter	ElevSO, §3079
		Hoistway Enclosure Construction	ElevSO, §3010
		Machine Room / Machinery Space	ElevSO, §3078
		Machinery for Dumbwaiter	ElevSO, §3079
		Protection of Landing Openings	ElevSO, §3020
		Protection of Spaces below Hoistways	ElevSO, §3019
	Machine Rooms & Machinery Spaces		ElevSO, §3011
	Machinery & Sheave Beams, Supports		ElevSO, §3015
	Operating Devices & Equipment		ElevSO, §3040
	Pits for Elevators		ElevSO, §3016
	Platforms & Car Frames		ElevSO, §3033
	Protection of Spaces below Hoistways		ElevSO, §3019
	Safeties, Car & Counterweight		ElevSO, §3035
		Safety Stopping Distance	ElevSO, §3106
	Sheaves & Driving Machines		ElevSO, §3038
		Factor of Safety	ElevSO, §3104
	Signal Devices		ElevSO, §3041
	Terminal Stopping Devices		ElevSO, §3039
Design Data, Formulas, Tests, Approved Devices			ElevSO, Article 18
	Electrical Elevator, Car Frame & Platform		
		Guide Rails, Brackets, Fasteners, Supports	ElevSO, §3109
		Stresses & Deflection	ElevSO, §3101
	Electrical Regulations		ElevSO, §3112
	Factor of Safety, Driving Machines & Sheaves		ElevSO, §3104
	Factors of Safety for Suspension Wire Ropes		ElevSO, §3107
	Fastenings, Wire Rope, Design		ElevSO, §3107
	Hoistway Door Locks, Approval of		ElevSO, §3110
	Hydraulic Elevator		
		Plunger Engaging Safety Devices	ElevSO, §3106.1
	Hydraulic Elevator Car Frame & Platform		
		Stresses & Deflection	ElevSO, §3101
	Hydraulic Plunger, Cylinder, Piping Design		ElevSO, §3102
	Load Rating, Passenger Elevator		ElevSO, §3100
	Machinery & Sheave Beams & Supports		
		Stresses & Deflection in	ElevSO, §3111
	Observation Elevators		ElevSO, §3113
	Oil Buffers & Supports, Design & Testing		ElevSO, §3108
	Safety Stopping Distance, Car & Counterweight		ElevSO, §3106
Dumbwaiters, w/ Automatic Transfer Devices			ElevSO, Article 12.1
	Automatic Transfer Devices		ElevSO, §3083
	Electric Material Lifts		ElevSO, §3080
	Hydraulic Material Lifts		ElevSO, §3081
	Power Dumbwaiters		ElevSO, §3082
Electrical Requirements, per ElevSO			

	Electrical Installations shall be per CCR, Title 24		ElevSO, §3112
	Wiring in Hoistways, Machine Rooms & Machinery Spaces		ElevSO, §3012(a)
Electrical Requirements, per ESO			
	Application / Scope		ESO-LV, §2562.1
	Controllers, Motor		ESO-LV, §2562.7
	Disconnecting Means		ESO-LV, §2562.2
		Identification, Sign Requirements	ESO-LV, §2562.3
	Interconnection, Multicar Controllers		ESO-LV, §2562.6
	Motor Controllers		ESO-LV, §2562.7
	Sign Requirements		ESO-LV, §2562.3
	Single-Car & Multicar Installations		ESO-LV, §2562.4
		Warning Sign	
		Multiple Driving Machines	ESO-LV, §2562.3
		Multiple Disconnecting Means	ESO-LV, §2562.5
		Multicar Controllers	ESO-LV, §2562.6
Escalators			ElevSO, Article 13
	Access to Machine Rooms & Spaces		ElevSO, §3090(c)
	Angle of Inclination		ElevSO, §3089(b)
	Balustrades		ElevSO, §3089(d)
	Brakes		ElevSO, §3090 (a)
	Combplates		ElevSO, §3089(g)
	Construction Requirements		ElevSO, §3089
	Design		ElevSO, §3089(k)
	Driving Machine, Motor		ElevSO, §3090 (a)
	Electrical Work		ElevSO, §3090(d)
	Factors of Safety		ElevSO, §3089(k)
	Floor Openings, Protection of		ElevSO, §3089(a)
	Guarding in Machine Space		ElevSO, §3090(e)
	Handrails		ElevSO, §3089(e)
	Lighting		ElevSO, §3090(d)
	Operating		ElevSO, §3090 (b)
	Rated Load		ElevSO, §3089(j)
	Rated Speed		ElevSO, §3089(*l*)
	Safety Devices		ElevSO, §3090 (b)
	Specifications		ElevSO, §3089(c)
	Step Treads		ElevSO, §3089(f)
	Step Wheel Tracks		ElevSO, §3089(i)
	Trusses or Girders		ElevSO, §3089(h)
Hand Elevators			ElevSO, Article 11
	Hoistways, Hoistway Enclosures		ElevSO, §3076
	Machinery & Equipment		ElevSO, §3077
Hand Power Man Platforms			ElevSO, Article 16
	Hoistway Construction		ElevSO, §3095
	Machinery & Equipment		ElevSO, §3096
Hydraulic Elevators			ElevSO, Article 9
	Buffers, Bumpers, Car & Counterweight		ElevSO, §3061
		Oil Buffers & Supports, Design & Tests	ElevSO, §3108
	Car		
		Bottom & Top Clearances	ElevSO, §3054
		Buffers, Bumpers	ElevSO, §3061
		Capacity & Loading	ElevSO, §3066
		Car Enclosures	ElevSO, §3064
		Car Frames	ElevSO, §3063
		Doors & Gates	ElevSO, §3064
		Enclosures	ElevSO, §3064
		Guide Rail, Supports & Fastenings	ElevSO, §3060
		Illumination	ElevSO, §3064
		Platforms	ElevSO, §3063
		Safeties	ElevSO, §3065
	Car Enclosures, Car Doors & Gates		ElevSO, §3064
	Clearances		
		Horizontal, Cars, Counterweights	ElevSO, §3054
		Top & Bottom, Car, Counterweight	ElevSO, §3054
	Control Equipment, Operating Devices		ElevSO, §3071
	Counterweights		ElevSO, §3062
		Buffers, Bumpers	ElevSO, §3061
		Clearances & Runby	ElevSO, §3054
		Guarding of, pursuant to §3013	ElevSO, §3052(a)
		Guide Rail, Supports & Fastenings	ElevSO, §3060
		Location of, pursuant to §3013	ElevSO, §3052(a)
		Ropes, Rope Connections	ElevSO, §3072
		Safeties	ElevSO, §3065
		Sheaves for	ElevSO, §3072
		Wire Ropes, Rope Connections	ElevSO, §3072
	Cylinder, Plunger, Piping Design		ElevSO, §3102
	Doors & Gates		
		Hoistway	ElevSO, §3058

		Power Operation of Doors & Gates		ElevSO, §3059
		Pursuant to §3034		ElevSO, §3064
	Driving Machines, Hydraulic			ElevSO, §3067
	Electric Wiring, Pipes & Ducts			ElevSO, §3051
	Exposed Equipment, Guarding of			ElevSO, §3052
	Fittings			ElevSO, §3068
	Gates		See Doors & Gates	
	Guarding			
		Counterweights, pursuant to §3013		ElevSO, §3052(a)
		Exposed Equipment		ElevSO, §3052
		Pulleys, Pump Drives, etc.		ElevSO, §3052(a)
	Guide Rail, Supports & Fastenings			ElevSO, §3060
	Hoistways			
		Doors & Gates	See Doors & Gates, Hoistway	
		Locks, Approval of		ElevSO, §3110
		Electric Wiring, Pipes & Ducts		ElevSO, §3051
		Guarding of, pursuant to §3014		ElevSO, §3052(a)
		Hoistway Enclosure Construction		ElevSO, §3050(a)
		Hoistway Enclosures		ElevSO, §3050
		Hoistway Openings		ElevSO, §3057
		Locking Devices		ElevSO, §3058
		Door Locks, Approval of		ElevSO, §3110
		Protection of Spaces below Hoistways		ElevSO, §3056
	Hydraulic Driving Machines			ElevSO, §3067
	Loading & Loading			ElevSO, §3066
	Machine Rooms / Spaces			ElevSO, §3050(b)
		Beams, Supports, Foundations		ElevSO, §3053
		Electric Wiring, Pipes & Ducts		ElevSO, §3051
		Piping & Fittings, Supply		ElevSO, §3068
		Guarding of, pursuant to §3014		ElevSO, §3052(a)
	Machine, Supports, Foundations			ElevSO, §3053
	Oil Level, Hydraulic System			ElevSO, §3067
	Operating Devices			ElevSO, §3071
	Operation of Hydraulic Elevators			ElevSO, §3071
	Piping & Fittings, Supply			ElevSO, §3068
	Platforms & Car Frames			ElevSO, §3063
	Plungers & Cylinders			ElevSO, §3067
	Protection of			
		Hoistway Openings		ElevSO, §3057
		Spaces Below Hoistways		ElevSO, §3056
	Runby, Cars & Counterweights			ElevSO, §3054
	Safeties, Car & Counterweight			ElevSO, §3065
	Sheave Beams, Supports, Foundations			ElevSO, §3053
	Sheaves, Counterweight			ElevSO, §3072
	Stopping Devices, Terminal			ElevSO, §3070
	Supports & Foundations			ElevSO, §3053
	Tanks			ElevSO, §3069
	Terminal Stopping Devices			ElevSO, §3070
	Valves			ElevSO, §3068
	Wire Ropes, Rope Connections			ElevSO, §3072
		Fastenings, Wire Rope, Design		ElevSO, §3107
Incline Elevators, Pursuant to Articles 7 & 8				ElevSO, §3084
	Non-Compliance with Articles 7 & 8			ElevSO, §3084, Exception
Inclined Platform (Wheelchair) Lift			See Subject under Special Access Elevators / Lifts	
Inclined Stairway Chair			See Subject under Special Access Elevators / Lifts	
Inspections				ElevSO, §3001(b)
Inspectors, Qualifications for Certification				ElevSO, §3003
Manlifts				ElevSO, Article 17
	Construction Requirement.			
		Front Loading		ElevSO, §3097
		Side Loading		ElevSO, §3098
	Mechanical Requirements			ElevSO, §3099
	Operation Requirements			ElevSO, §3099
Material Lifts, w/ Automatic Transfer Devices				ElevSO, Article 12.1
	Automatic Transfer Devices			ElevSO, §3083
	Electric Material Lifts			ElevSO, §3080
	Hydraulic Material Lifts			ElevSO, §3081
	Power Dumbwaiters			ElevSO, §3082
Moving Walks				ElevSO, Article 14
	Access Work Space			ElevSO, §3092(c)
	Control Devices Operating & Safety Devices			ElevSO, §3092(a)
	Design Requirements			ElevSO, §3091
	Electrical Wiring & Equipment			ElevSO, §3092(b)
	Operating & Safety Devices			ElevSO, §3092(a)
Observation Elevators				ElevSO, §3113
Rack & Pinion Elevators, Special Purpose Personnel Elevators				
	Buffers, Car and Counterweight			ElevSO, §3085.12(b)

	Car Safeties and Governors			ElevSO, §3085.17(d)
	Clearance, Car Top to Overhead Structure			ElevSO, §3085.4(d)
	Drive Machine of Special Purpose Personnel Elevators			ElevSO, §3085.20(a)
	Definition			ElevSO, §3009(b)
	Guides, & Masts, Car Securely of			ElevSO, §3085.11(d)
	Limitation of Load, Speed and Platform Area			ElevSO, §3085.19
		Exception of Section 3085.19		ElevSO, §3085.19, Exception
Reciprocating Conveyors, Vertical or Inclined				ElevSO, Article 12.5
	Application			ElevSO, §3087
		Definitions		ElevSO, §3087.1
	Controls			ElevSO, §3087.4
	Counterweights			ElevSO, §3087.7
	Electrical Code			ElevSO, §3087.3
	Guarding			ElevSO, §3087.6
	Maintenance & Servicing			ElevSO, §3087.8
	Operation			ElevSO, §3087.5
	Safety Consideration			ElevSO, §3087.2
Screw Column Elevators				ElevSO, §3088
Sidewalk Elevators, Hand & Power				ElevSO, Article 10
	Application			ElevSO, §3073
	Elevators with Sidewalk Door			ElevSO, §3074
	Elevators without Sidewalk Door			ElevSO, §3075
	Equipment for Elevators with Sidewalk Door			ElevSO, §3074
	General Requirements			ElevSO, §3073
	Machinery for Elevators with Sidewalk Door			ElevSO, §3074
	Types of Sidewalk Elevators			ElevSO, §3073
Special Access, Elevators & Lifts			See **ELEVATORS**, Special Access, Elevators & Lifts	
Special Purpose Personnel Elevators				ElevSO, Article 12.3
	Application / Scope			ElevSO, §3085
	Buffers, Car & Counterweight			ElevSO, §3085.12
		Oil Buffers & Supports, Design & Tests		ElevSO, §3108
	Car			
		Buffers		ElevSO, §3085.12
		Clearances, Horizontal		ElevSO, §3085.3
		Construction		ElevSO, §3085.14
		Guide Rails & Guide Fastenings		ElevSO, §3085.11
	Car & Counterweight Buffers			ElevSO, §3085.12
	Car Doors or Gates			ElevSO, §3085.16
	Car Enclosures			ElevSO, §3085.15
	Car Safeties & Governors			ElevSO, §3085.17
	Clearances, Horizontal Car & Counterweight			ElevSO, §3085.3
	Clearances, Pits, Runby & Top			ElevSO, §3085.4
	Controls & Operating Devices			ElevSO, §3085.8
		Operation		ElevSO, §3085.10
	Counterweights			ElevSO, §3085.6
		Buffers		ElevSO, §3085.12
		Clearances, Horizontal		ElevSO, §3085.3
		Construction		ElevSO, §3085.13
		Guiding & Construction		ElevSO, §3085.13
	Doors, Hoistway			ElevSO, §3085.7
		Locking Devices		ElevSO, §3085.9
			Approval of	ElevSO, §3110
	Driving Machines & Sheaves			ElevSO, §3085.20
	Electric Wiring, Pipes & Ducts			ElevSO, §3085.2
	Emergency Signal & Communication			ElevSO, §3085.22
	Gates, Hoistway			ElevSO, §3085.7
		Locking Devices		ElevSO, §3085.9
	Guide Rails & Guide Fastenings, Car			ElevSO, §3085.11
	Hoistway Doors & Gates			ElevSO, §3085.7
	Hoistways & Hoistway Enclosures			ElevSO, §3085.1
	Load, Limitation of			ElevSO, §3085.19
		Capacity & Data Plates/Signs		ElevSO, §3085.18
	Locking Devices, Doors & Gates			ElevSO, §3085.9
	Machinery, Overhead, Beams & Supports			ElevSO, §3085.5
	Machines, Driving, & Sheaves			ElevSO, §3085.20
	Operating Devices & Controls			ElevSO, §3085.8
		Operation		ElevSO, §3085.10
	Overhead Machinery, Beams & Supports			ElevSO, §3085.5
	Platform Area, Limitation of			ElevSO, §3085.19
	Screw Type Elevators			ElevSO, §3088
	Sheaves & Driving Machines			ElevSO, §3085.20
	Signs, Capacity & Data Plates			ElevSO, §3085.18
	Speed, Limitation of			ElevSO, §3085.19
	Suspension, Ropes			ElevSO, §3085.21
	Vertical & Inclined Wheelchair Lifts		See Subject under Special Access Elevators / Lifts	
Stairway Chairlifts			See Subject under Special Access Elevators / Lifts	
Vertical Platform Lift			See Subject under Special Access Elevators / Lifts	

Wheelchair Lifts, Vertical & Inclined	See Subject under Special Access Elevators / Lifts
ELEVATORS, Group III, Installations signed on or after 10/25/1998 but before 5/1/2008	
" " " " " " " " " "	See Also ElevSO, §3000(f)
Dumbwaiters, Hand & Power	ElevSO, §3125
Electrical Installations shall be per CCR, Title 24, Part 3	ElevSO, §3120.2
Electric Elevators, Hoistways, Hoistway Enclosures	ElevSO, Article 20
Buffers & Bumpers	ElevSO, §3121.1
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	Employee to others from Guard Hazardous Condition	TelSO, §8604(c)(1)
	Employee to Notify Proper Authorities	TelSO, §8604(c)(2)
Emergency Medical Supplies		TelSO, §8602(e)
Fallen or Downed Wires, Safety Procedure		See Crossed & Fallen Wires, Safety
First Aid		
	Attendant Duties	TelSO, §8616(d)
	For Joint Power & Tele-com Man Holes	TelSO, §8616(d)
	Supplies	TelSO, §8602(e)
	Training, First Aid & CPR	TelSO, §8603(a)(3)
EMERGENCY RESCUE, Lines (Repelling), Minimum Strength		ESO-HV, §2940.6(j)
EMERGENCY RESCUE & EQUIPMENT, per TSO		See **TUNNELING OPERATION**, Rescue Crew & Breathing Apparatus
EMERGENCY SHUT-OFF (Switch, Button), Fuel Dispensers, at Service Station		GISO, §5572
EMERGENCY STOP DEVICE (Switch, Button), Drilling Equipment		PSO-D&P, §6625
EMERGENCY STOP DEVICE (Switch, Button), Definition, under Personnel Hoist, per CSO		CSO, §1504
EMERGENCY STOP DEVICE (Switch, Button), Power Operated Presses, per GISO		PSO-D&P, §6363(f)
EMERGENCY STOP DEVICE (Switch, Button), Hog Mills, Sawmills, per LSSO		PSO-D&P, §6363(f)
EMERGENCY STOP DEVICE (Switch, Button), Wood Chipper, Sawmills, per LSSO		LSSO, §6364(c)
EMERGENCY STOP SWITCH, Elevators, per ElevSO		LSSO, §3040(b)(5)
Replaced with an In-car Stop Switch, Division Notification		LSSO, §3040(b)(8)
EMERGENCY STOP SWITCH, Underground Conveyors, per TSO		LSSO, §8459(f)
EMERGENCY STOP SIGNAL, Logging Operations,		LSSO, §6270(n)
EMERGENCY TRANSPORTATION, per TSO		TSO, §8420(b)
EMPLOYEE ALARM SYSTEMS, Fire Protection		GISO, §6184
”	”	See also **FIRE PROTECTION**
	Application & Scope	GISO, §6184(a)
	Design Requirements	GISO, §6184(b)
	Installation & Restoration	GISO, §6184(c)
	Maintenance	GISO, §6184(d)
	Manual Operation	GISO, §6184(e)
	Testing	GISO, §6184(d)
EMPLOYEE PROTECTION IN PUBLIC AREAS		TelSO, §8604
EMPLOYEE TRANSPORTATION, & Materials, per GISO		GISO, Article 27
	Definitions	GISO, §3700
Back-up Alarms / Warning Devices		GISO, §3706
Cab Protection		GISO, §3705
Farm Labor Vehicle, Definition		GISO, §3700
	Licensing of Drivers	GISO, §3701(a)
	Seatbelts Required	GISO, §3702(h)
Farm Worker Transportation		GISO, Article 27
Helicopters, Use of		GISO, §3710
Licensing of Drivers		GISO, §3701
Riding Loads		GISO, §3703
Securing Load		GISO, §3704
Transporting Employees		GISO, §3702
Truck Warning Devices		GISO, §3706
Vehicles, General Requirements		GISO, §3702
EMPLOYERS, Responsibility & Duty, per TSO		TSO, §8568, Appx B
ENCLOSED SPACE ENTRY, per SSO		SSO, §8355
Cleaning Operations & Other Cold Work		SSO, §8355(f)
Coating Operations		SSO, §8355(j)
Competent Person Designation		SSO, §8355(b)
Competent Person Qualifications		SSO, §8355(c)
Compliance Assistance		SSO, §8355, Appx A
Flammable & Toxic Solvents, Coating Operations		SSO, §8355(j)
Hot Work		SSO, §8355(g)
Labels & Signs, Warning		SSO, §8355(i)
Maintenance Requirements		SSO, §8355(h)
Painting Operations		SSO, §8355(j)
Precautions, General		SSO, §8355(j)
Precautions, Order of Testing before Entry		SSO, §8355(e)
Record keeping		SSO, §8355(d)
Signs & Labels, Warning		SSO, §8355(i)
Supervisor, Responsibility		SSO, §8355(a)
Testing, Pre-entry		SSO, §8355(e)
Toxic & Flammable Solvents, Coating Operations		SSO, §8355(j)
US Coast Guard Confined Space Standard		SSO, §8355, Appx B
Volatile Solvents, Coating Operations		SSO, §8355(j)
ENCLOSED SPACES, High voltage, per ESO		ESO-HV, §2943.1

General — ESO-HV, §2943.1(a)
Safe Work Practices — ESO-HV, §2943.1(b)
Written safe work practices — ESO-HV, §2943.1(b)(1)
Surveillance of the surrounding area — ESO-HV, §2943.1(b)(2)
Multi-employer worksites — ESO-HV, §2943.1(b)(3)
Training of employees — ESO-HV, §2943.1(c)
Availability of attendants — ESO-HV, §2943.1(d)
Rescue Equipment — ESO-HV, §2943.1(e)
Evaluating Potential Hazards — ESO-HV, §2943.1(f)
Removing Covers — ESO-HV, §2943.1(g)
Hazardous Atmosphere — ESO-HV, §2943.1(h)
Calibration of Test Instruments — ESO-HV, §2943.1(i)
Testing of Air — ESO-HV, §2943.1(j)
Ventilation and Monitoring — ESO-HV, §2943.1(k)
Specific Ventilation Requirements — ESO-HV, §2943.1(l)
Air Supply — ESO-HV, §2943.1(m)
Source of ignition — ESO-HV, §2943.1(n)
Open Flames — ESO-HV, §2943.1(o)
Ready entry and exit — ESO-HV, §2943.1(p)
Fire suppression systems and respiratory protective equipment — ESO-HV, §2943.1(q)
ENCLOSURES, for Damp or Wet Locations — ESO-LV, Article 48
Cabinets, Cutout Boxes, Fitting, Boxes, etc. — ESO-LV, §2485.1
Switches, Circuit Breakers, & Switchboards — ESO-LV, §2485.2
ENCLOSURES, for Electrical Installations, High Voltage — ESO-HV, Article 17
Fenced or Walled Enclosures — ESO-HV, §2812.1
Indoor Electrical Installations — ESO-HV, §2812.2
Locked Rooms, Vaults, & Enclosures — ESO-HV, §2810
Metal Enclosures — ESO-HV, §2809
Outdoor Electrical Installations — ESO-HV, §2812.3
Roof Installations — ESO-HV, §2808
Separate Buildings — ESO-HV, §2807
Accessible to Qualified Person — ESO-HV, §2807(b)
Flammable Gas or Oil Containment — ESO-HV, §2807(a)
For Electrical Service Supply — ESO-HV, §2807(b)
Underground Vaults — ESO-HV, §2813
Dimensions — ESO-HV, §2813(a) & (b)
Vaults Containing Oil-Filled Equipment — ESO-HV, §2806
Vaults-General Requirements — ESO-HV, §2805
Warning Signs — ESO-HV, §2811
ENCLOSURES, Mechanical Protection, Electrical — ESO-LV, §2340.26
Cabinets, Boxes, & Fittings — ESO-LV, Article 45
Conductors Entering — ESO-LV, §2473.1
Covers & Canopies — ESO-LV, §2473.2
ENDLESS BELT-TYPE MANLIFTS, Prohibited — CSO, §1604.1(a)(3)
ENERGIZED EQUIPMENT / SYSTEMS
Barriers & Barricades — ESO-LV, §2320.7(a)
Conditions prerequisite to Work on — See Work Procedure under this Heading
Conductive measuring tapes, Ropes & Similar Prohibited — ESO-LV, §2320.7
Guarding of — ESO-LV, §2340.17
Re-energizing after de-energizing — ESO-LV, §2320.5
Test for — ESO-LV, §2320.3
Work Procedure — ESO-LV, §2320.2
Authorized Person — ESO-LV, §2320.2(c)
Back-feeding or Interconnection Prohibition — ESO-LV, §2320.9
Making Connections — ESO-LV, §2320.2(b)
Minimum Approach Distance — ESO-LV, §2320.2(d)
Personal Protective Equipment — ESO-LV, §2320.2(a)(3)
Insulated Tools — ESO-LV, §2320.2(a)(3)(B)
Rubber Gloves — ESO-LV, §2320.2(a)(3)(A)
ENERGIZED PARTS, Guarding of — ESO-LV, §2340.17
" " " — ESO-HV, §2717
Service Entrance Equipment — ESO-HV, §2726
ENERGIZING, (also Re-Energizing) Equipment or Systems — ESO-LV, §2320.5
ENG — See **ELECTRONIC NEWS GATHERING (ENG) EQUIPMENT**
ENGINEER, CALIFORNIA REGISTERED (also Registered Professional Engineer or Responsible Engineer)
Erection and Construction, Article 29
Building Floor Form, Occupation of Area Underneath — CSO, §1717(d)(6)(C)
Falsework and Vertical Shoring, Design of — CSO, §1717(b)
Falsework and Vertical Shoring, Inspection of — CSO, §1717(c)
Hoisting and Erecting of Precast, Prefabricated Panels — CSO, §1714(a)
Lift-slab Operations — CSO, §1722.1(a)
Employee Prohibition during Jacking Operation — CSO, §1722.1(k)
Project Structural Engineer of Record, Definition — CSO, §1710(b)

	Protective Covers, Job-built		CSO, §1712(d)(4)(A)
	Tilt-Up Concrete Panel Construction		CSO, §1715(a)
	Trusses & Beams over 25 feet, Erection Plan		CSO, §1709(d)
Excavations, Definition			CSO, §1540(b)
	Protective Equipment, Damaged		CSO, §1541.1(d)(3)
	Sloping and Benching Systems, Design of		CSO, §1541.1(b)
	Stability of Adjacent Structures		CSO, §1541(i)(2)(C)
	Support, Shield, and Other Protective Systems		CSO, §1541.1(c)
Glazed Surfaces, Roofing & Skylights			GISO, §3212(f)
ENGINEERING DATA, Informative			LSSO, §6402, Appx B
ENGINES, per CSO			
Internal Combustion Engines, Operated Inside			CSO, §1533(a)
	Confined Space Requirements		CSO, §1533(c)
	Control of Exhaust Fumes		CSO, §1533(a)
	Ventilation Requirements		CSO, §1533(b)
		Ventilation Systems, General Requirements	CSO, §1530
ENGINES, Diesel, per MSO			
Use in Underground Mining permitted			MSO, §7070
Fueling of Diesel Engines, Underground Mining			MSO, §7071
ENGINES, Diesel, per PSO			
Stationary Engines per PSO-R,T&H			PSO-R,T&H, §6874
Worksites Subject to PSO-D&P			PSO-D&P, §6684
	Application / Scope of §6684		PSO-D&P, §6684(a)
	Battery Covers, to Prevent Inadvertent Contact		PSO-D&P, §6684(h)
	Cylinder Cooks		PSO-D&P, §6684(e)
	Electrical Accessories for IC Engines		PSO-D&P, §6684(f), (g)
	Electrical Storage Batteries		PSO-D&P, §6684(h)
	Emergency Stop Device, Drilling Equipment		PSO-D&P, §6625
	Exhaust System Maintenance		PSO-D&P, §6684(a)
	Flywheels		PSO-D&P, §6682
	Overspeed (Runaway) Protection		PSO-D&P, §6625.1
	Power Controls		PSO-D&P, §6681
	Safety Precautions, Air or Gas Compressors		PSO-D&P, §6554
	Safety Precautions, Flammable Hazards		PSO-D&P, §6684(b), (d), (g)
	Starters for IC Engines		PSO-D&P, §6685
ENGINES, Diesel, per TSO			
Diesel Engine Permitted in Writing			TSO, §8470(a)
Fresh Air Flow Where Diesel Engine is Operating			TSO, §8470(c)
ENGINES, Internal Combustion, Per MSO			MSO, Article 25
Fueling of Diesel Engines, Underground			MSO, §7071
Permitted Use of Diesel Engines, Underground			MSO, §7070
Prohibition of Engine Near Mine Opening			MSO, §7068
Prohibition of Engines Underground			MSO, §7069
ENGINES, Internal Combustion, per GISO			
Emission Control, per GISO			GISO, §5146
Governor			GISO, §3511
ENGINES, Internal Combustion, per PSO			
Stationary Engines per PSO-R,T&H			PSO-R,T&H, §6874
Worksites Subject to PSO-D&P			PSO-D&P, §6684
	Application / Scope of §6684		PSO-D&P, §6684(a)
	Battery Covers, to Prevent Inadvertent Contact		PSO-D&P, §6684(h)
	Cylinder Cooks		PSO-D&P, §6684(e)
	Electrical Accessories for ICE		PSO-D&P, §6684(f)
	Electrical Accessories for ICE		PSO-D&P, §6684(g)
	Electrical Storage Batteries		PSO-D&P, §6684(h)
	Exhaust System Maintenance		PSO-D&P, §6684(a)
	Flywheels		PSO-D&P, §6682
	Overspeed (Runaway) Protection		PSO-D&P, §6625.1
	Power Controls		PSO-D&P, §6681
	Safety Precautions		PSO-D&P, §6684(b), (d), (g)
	Starters for ICE		PSO-D&P, §6685
ENGULFMENT HAZARD, Working in Loose Materials, Bulk Storage			GISO, §3482
Grain Handling, Entry into Storage Structure			GISO, §5178(b)
	Attendant/ 2nd Employee, during entry		GISO, §5178(b)(5)
	Authorization to Enter, Written		GISO, §5178(b)(1)
	Body Harness w/ Lifeline Requirement		GISO, §5178(b)(5)
	Bridging Conditions, Employee Exposure Prohibited		GISO, §5178(b)(4)
	Confined Space Entry, Testing of Air		GISO, §5178(b)(1)(B)
	Deenergizing of Equipment Prior to Entry		GISO, §5178(b)(2)
	Fall Protection Equipment/ Body Harness w/ Lifeline Requirement		GISO, §5178(b)(5)
	Lifeline / Body Harness Requirement		GISO, §5178(b)(5)
	Rescue Personnel Requirement		GISO, §5178(b)(6)
	Safety Precautions compliance with	GISO, §5158	GISO, §5178(b)(1)(A)
	Walking Down Grain Prohibited		GISO, §5178(b)(3)
ENTANGLEMENT			
Body Protection (clothing)			GISO, §3383(b)
Hair Protection			GISO, §3381(e)

Hand Protection			GISO, §3384(b) and Note 1
ENVIRONMENT, Protection of Equipment from the			ESO-HV, §2712
ENVIRONMENTAL CONTROLS			MSO, §7090
EQUIPMENT AND MACHINERY			GISO, §3328(a)
Anticipated Loads			GISO, §3328(a)
Engineering Principals			GISO, §3328(a)
Environmental Conditions			GISO, §3328(a)
Manufacturers Recommendations			GISO, §3328(a)
EQUIPMENT BONDING JUMPERS			ESO-LV, §2395.79
Attachment			ESO-LV, §2395.79(b)
Cable armor, sheath, trays, other enclosures			ESO-LV, §2395.75
Installation			ESO-LV, §2395.79(c)
Material			ESO-LV, §2395.79(a)
EQUIPMENT, Miscellaneous, per CSO			
Application Equipment			CSO, §1700
Gas Space Heaters			CSO, §1706
Hand Tools, Power Operated			CSO, §1707
Jacks			CSO, §1708
Temporary Heating Equipment			CSO, §1693
Side-boom Cranes			CSO, §1694
Portable Compressors			CSO, §1696
Pneumatic Nailers & Staplers			CSO, §1704
Weed Burning Equipment			CSO, §1697
Concrete & Masonry Equipment			CSO, §1698
Hand Tools			CSO, §1699
Nailers & Staplers, Pneumatic			CSO, §1704
Weed Burning Equipment			CSO, §1697
EQUIPMENT REQUIREMENTS, Miscellaneous, per CSO			
	Application Equipment		CSO, §1700
		Securing of hoses, cables on elevated locations	CSO, §1700
	Gas Space Heaters		CSO, §1706
	Hand Tools, Power Operated		CSO, §1707
	Jacks		CSO, §1708
	Temporary Heating Equipment		CSO, §1693
Side-boom Cranes			CSO, §1694
	Portable Compressors		CSO, §1696
	Pneumatic Nailers & Staplers		CSO, §1704
	Weed Burning Equipment		CSO, §1697
	Concrete & Masonry Equipment		CSO, §1698
	Hand Tools		CSO, §1699
	Nailers & Staplers, Pneumatic		CSO, §1704
	Weed Burning Equipment		CSO, §1697
EQUIPMENT REQUIREMENTS, per ESO			
Approved			ESO-LV, §2305.4
Atmospheric Protection			ESO-HV, §2712
Barricading Opened Enclosures, Energized Parts			ESO-LV, §2320.7
Bonding, Electrical Continuity			See under **ELECTRICAL EQUIPMENT**
Cooling of Electrical Equipment			ESO-LV, §2340.13
” ” ”			ESO-HV, §2710.1(b)
Effective Grounding			ESO-LV, §2395.51
Environment, Protection from			ESO-HV, §2712
Examination of Equipment			ESO-LV, §2340.2(a)
Hazardous Locations, CLASS I, 11, 111, Defined			ESO-LV, §2540.1
” ” ” ”			See also **HAZARDOUS (CLASSIFIED) LOCATIONS**
Identification of Electrical Equipment			ESO-LV, §2340.22
	Branch Circuits / Services, Feeder		ESO-LV, §2340.22(b)
	Motors / Appliances, Disconnect		ESO-LV, §2340.22(a)
	Open / Closed, Clear Indication		ESO-LV, §2340.22(c)
	Ratings, Series Combination		ESO-LV, §2340.22(f)
Identification Label, Electrical Equipment			ESO-LV, §2340.21
	Connections, Electrical		ESO-HV, §2715
	Durability of Marking		ESO-LV, §2340.21(b)
	Manufacture’s information		ESO-LV, §2340.21(a)(1)
	Marking		ESO-HV, §2718
	Purpose of Service, Feeders, Circuits		ESO-HV, §2718.1(e)
	Voltage, Current, Current, Wattage		ESO-LV, §2340.21(a)(2)
Inspection of Electrical Equipment			ESO-LV, §2340.2
	Inspection / Examination of		ESO-HV, §2710(a)
	Installation, Examination, & Use of		ESO-LV, §2340.2
	” ” ” ”		ESO-HV, §2710(b)
Installation of Electrical Equipment			ESO-LV, §2340.2(b)
Intrinsically Safe Equipment, Hazardous Locations			ESO-LV, §2540.2(b)
Labeling, Identification of Equipment			ESO-LV, §2340.22
	Branch Circuits / Services, Feeder		ESO-LV, §2340.22(b)
	Marking		ESO-HV, §2718
	Motors / Appliances, Disconnect		ESO-LV, §2340.22(a)
	Open / Closed, Clear Indication		ESO-LV, §2340.22(c)

Ratings, Series Combination	ESO-LV, §2340.22(f)
Liquids, Deteriorating Agents, Protection Equipment from	ESO-LV, §2340.11(a)(2)
Lock-out / Tag Out	ESO-LV, §2320.4
Maintained Free from Recognized Hazard	ESO-LV, §2340.1
Cooling of Electrical Equipment	ESO-LV, §2340.13
" " "	ESO-HV, §2710.1
Mounting of Electrical Equipment	ESO-LV, §2340.13
" " "	ESO-HV, §2710.1
Overheating Protection of Electrical Equipment	ESO-LV, §2340.13
" " "	ESO-HV, §2710.1(b)
Physical Damage, Protection Electrical Equipment from	ESO-HV, §2713
Portable Electrical Equipment	ESO-HV, Article 32
Collector Rings	ESO-HV, §2909
Enclosures	ESO-HV, §2908
General	ESO-HV, §2906
Grounding	ESO-HV, §2912
High-Voltage Portable Main Power Supply	ESO-HV, §2911
Over-current Protection	ESO-HV, §2907
Power Cable Connections to Mobile Machines	ESO-HV, §2910
Qualified Person, Work on Equipment & Systems	ESO-LV, §2320.1
Re-Energizing Procedure	ESO-LV, §2320.5
Testing	ESO-LV, §2320.3
Training	GISO, §3203(a)(7)(C)
Unsafe	ESO-LV, §2340.1
Use of Electrical Equipment	ESO-LV, §2340.2(b)
Working Space	ESO-LV, §2340.1 6
EQUIPMENT REQUIREMENTS, per GISO	
Anchoring	GISO, §3328(d), (e)
Blocking For Repair	GISO, §3314(d)
Cleaning	GISO, §3314
Control of Hazardous Energy, due to Breakage/ Loosening/Falling Parts/Components	GISO, §3328(e)
Controls, Process Machines	GISO, §4000
Covered, to Minimize Hazard from Breakage/ Loosening/Falling Parts/Components	GISO, §3328(e)
Damaged, Broken	GISO, §3339
Damage Prevention, to Minimize Hazard	GISO, §3328(e)
De-Energizing	GISO, §3314(b)
Defective Parts, Prohibited Use	GISO, §3328(c)
Design	GISO, §3328(a)
Designed to Minimize Hazard from Breakage/ Loosening/Falling Parts/Components	GISO, §3328(e)
Employers Responsibility, Safe Condition of	GISO, §3556(a)
Energy control procedures	GISO, §3314
Guarded, to ensure worker safety	GISO, §3273(i)
Guarding Moving Parts of	GISO, §4002
Inspection & Maintained	GISO, §3328(b), (g), (h)
Intended Use, Only used for	GISO, §3556(b)
Jewelry Wearing prohibited	GISO, §3384(b), Note 2
Lockout or Tag-out	GISO, §3314
Location, Safe	GISO, §3273(i)
Lighting of	GISO, §3317
Oiling & Maintenance, Access through Opening in Guarding	GISO, §3945
Maintenance of	GISO, §3273(g)
Maintained	GISO, §3328(b), (g), (h)
Mobile Compaction Equipment	GISO, §4354
Modifications	GISO, §3328(f)
Power Control	GISO, §4001
Process Machine Power Control	GISO, §4000
Qualified Persons, Maintain, Repair	GISO, §3328(h)
Safe Condition	GISO, §3328(g)
Safely Operated	GISO, §3328(a)
Secure, to Minimize Hazard from Breakage/ Loosening/Falling Parts/Components	GISO, §3328(e)
Stationary Compaction Equipment & Balers	GISO, §4353
Unsafe Equipment Use Prohibited	GISO, §3328(c)
EQUIPMENT REQUIREMENTS, per LSSO	LSSO, §6261
Inspections	LSSO, §6261
Guarding of	LSSO, §6402, Appx A
EQUIPMENT REQUIREMENTS, per TelSO	
Aerial Splicing Platforms	TelSO, §8609(b)
Aerial Tents, Flame-type heaters use Restricted	TelSO, §8609(a)
Cable Reels, Handling of	TelSO, §8612(b)
Clearance to High-Voltage Power Lines	TelSO, §8610(d)
Daily Visual Inspection of Equipment	TelSO, §8610(a)
Daily Testing of Brakes & Operating Systems	TelSO, §8610(b)
Defective Tools & Equipment, Removal from Service	TelSO, §8605(b)
Equipment Requirements	TelSO, §8605
Flame-type heaters, Restricted use	TelSO, §8609(a)
Gaffs, Pole climbers	TelSO, §8607
Gaff Length	TelSO, §8607(a)

	Inspections of Pole Climbers		TelSO, §8607(b)
	Safety Caps for Gaffs		TelSO, §8607(a)
	Test, Gaff Cut-out, Weekly		TelSO, §8607(c)
	Pole climber Use, Wood Poles only		TelSO, §8607(a)
Ground Tents, Flame-type heaters use Restricted			TelSO, §8609(a)
Hoisting Equipment			TelSO, §8611
	Clearances to High-Voltage Conductors / Equipment		TelSO, §8611(a)
	Handling Poles Near High-Voltage		TelSO, §8611(a)
Inspections of Tools & Equipment			TelSO, §8605(a)
Insulated Equipment, Rubber			TelSO, §8606
Ladders			
	Pole & Towers		TelSO, §8608
	Man Holes		TelSO, §8616(e)
LP Gas Containers Pursuant to UFPV			TelSO, §8602(f)
Rollover Protection			TelSO, §8610(c)
Soldering Devices			TelSO, §8609(c)
	Lead Work		TelSO, §8609(d)
		Eye Protection	TelSO, §8609(c)
		Wiping Operations	TelSO, §8609(c)
		Wiping Gloves	TelSO, §8609(c)
		Cloths	TelSO, §8609(c)
Special Equipment & Tools			TelSO, §8605
Tent Heaters, Restricted use			TelSO, §8609(a)
Torches, Restricted use			TelSO, §8609(b)
Tools Inspections, Daily			TelSO, §8605(a)
Vehicle-Mounted, Material Handling Equipment			TelSO, §8610
	Daily Visual Inspection of Equipment		TelSO, §8610(a)
	Daily Testing of Brakes & Operating Systems		TelSO, §8610(b)
	Rollover Protection		TelSO, §8610(c)
	Clearance to High-Voltage Power Lines		TelSO, §8610(d)
EQUIPMENT REQUIREMENTS, per PSO-R,T&H			
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Oil & Gas Well Drilling & Production facilities
Masts and Derrick Floors — GISO, §6579
Shafts and Cellars — GISO, §6577
Oil & Gas Refining, Transport & Handling facilities — GISO, §6798
Sign, Directional — GISO, §3216(b)
Illumination — GISO, §3216(c)
Unlocked Exit Doors — GISO, §3235(e)

Width of Exit				GISO, §3229
EXITS, Fuel Houses, Logging & Sawmills				GISO, §6368(a)
EXITS, Protection of Mine Exits				MSO, §7057
Underground mine safety orders				
	Escapeways			MSO, §7080
		Emergency plans		MSO, §7074
	Manway & Ladder installation			MSO, §7044
EXPANSION TANK, Boilers				B&FPV, §763(g)
EXPLORATION SHAFTS, Defined				CSO, §1504
Entering & Inspection Conditions				CSO, §1542(d)
EXPLOSION PREVENTION, per PSO-D&P				PSO-D&P, Article 6
Cleaning with Light Oils Prohibited				PSO-D&P, §6520
Electrical Equipment & Wiring per ESO				PSO-D&P, §6527
Fire Protection & Fire Fighting Equipment				PSO-D&P, §6519
	Evacuation Plan			PSO-D&P, §6519(b)
	Inspection, testing of Fire Fighting Equipment			PSO-D&P, §6519(a)
	Recharging of Fire Fighting Equipment			PSO-D&P, §6519(a)
	Record Keeping			PSO-D&P, §6519(a)
Fired Equipment Restriction near Wells				PSO-D&P, §6526(a)
Flammable Gases or Vapors, Hazardous Areas				
	Control of Sources of Ignition			PSO-D&P, §6521
Flammable Waste Gasses & Vapor				PSO-D&P, §6524
	Burning, Controlled			PSO-D&P, §6524(a)
	Control Hazards Associated with			PSO-D&P, §6524(a)
	Flares, use of, control of waste vapors or gases			PSO-D&P, §6524(a)
	Flares, use of, location			PSO-D&P, §6524(c)
		Employees Entry Restriction		PSO-D&P, §6524(b)
		Prolonged Escape of Unburned Gasses Prevention		PSO-D&P, §6524(b)
		Remote Ignition, Controlled		PSO-D&P, §6524(b)
		Remote Ignition, Failure		PSO-D&P, §6524(e)
	Release of Gasses & Vapor Prevention			PSO-D&P, §6524(d)
	Remote Ignition, Controlled			PSO-D&P, §6524(b)
Smoking Restrictions				PSO-D&P, §6518
	Testing for Releases before Employees Entry			PSO-D&P, §6524(e)
EXPLOSION PREVENTION, per PSO-R,T&H				PSO-R,T&H, Article 5
Atmospheric Vents				PSO-R,T&H, §6778
Cleaning Agents				PSO-R,T&H, §6774
Drainage				PSO-R,T&H, §6828
Fire Protection & Fire Fighting Equipment				PSO-R,T&H, §6773
Flammable Waste Gases or Vapors				PSO-R,T&H, §6779
Hot Work Procedures & Permits				PSO-R,T&H, §6777
Smoking, Matches & Lighters				PSO-R,T&H, §6772
Spontaneous Ignition				PSO-R,T&H, §6776
Static Electricity				PSO-R,T&H, §6775
Steam Hose				PSO-R,T&H, §6781
Transfer of Flammable Liquids by Air Displacement				PSO-R,T&H, §6780
EXPLOSIVE ATMOSPHERE				
Powder-actuated tool use prohibited,				CSO, §1690
EXPLOSIVES				GISO, Group 18
Accident Reports & Procedures, Blasting				GISO, §5248
Age Limit of Blaster				GISO, §5276(g)
Aircraft Transporting				GISO, §5269
Alcohol, Under Influence of				GISO, §5247(b)
Ammonium Nitrate Storage				GISO, Article 123
	Application & Scope			GISO, §5359
	Bulk Storage			GISO, §5363
	Container Storage			GISO, §5362
	Storage of			GISO, §5360
	Structures, Storage			GISO, §5361
Ammunition & Propellants, Small Arms				GISO, Article 123
		Application & Scope		GISO, §5370
	Ammunition Primers, Small Arms			GISO, §5374
	Ammunition, Small Arms			GISO, §5371
	Black Powder Propellants			GISO, §5373
	Primers, Small Arms			GISO, §5374
	Propellants, Smokeless			GISO, §5372
	Storage			GISO, §5371(b)
	Separated from Flammable Materials & Oxidizers			GISO, §5371(a)
Application / Scope of Group 18 Regulations				GISO, §5236
Avalanche, Snow, Blasting			See **EXPLOSIVES**, Avalanche, Snow, Blasting	
Black powder				
	Blasting			GISO, §5243
	Propellants			GISO, §5373
Blaster Competency & Qualifications				GISO, §5238
	Licensing		See Cal/OSHA, Article 7	GISO, §5238(a)
	Training & Trainees			GISO, §5239
Blasting Agents				GISO, Article 120

	Composition		GISO, §5345
	Mixing Building Requirements		GISO, §5342
	Mixing Location		GISO, §5341
	Mix room Equipment		GISO, §5344
	On-site Mixed Blasting Agents		GISO, §5348
	Transportation		GISO, §5347
		See also	GISO, §5340
	Storage		GISO, §5346
		See also	GISO, §5340
	Use of		GISO, §5340
	Water gels on-site mixing requirements		GISO, §5348
Batteries			GISO, §5305
Blasting machines & devices			GISO, §5305
Blasting Procedure With Power & Light Circuits			GISO, §5304
Capped Fuses & Primers, Making			GISO, §5297
Chlorate high explosives prohibited			GISO, §5241(a)
Clean-up of Spills, Prompt			GISO, §5276(h)
Composition			GISO, §5345
Compressed Air, Blasting in			GISO, §5307
Containers, Destruction of Empty Containers			GISO, §5276(c)
Coyote Hole Blasting			GISO, §5294
Damaged / Deteriorated Explosives, Disposal of			GISO, §5240
Defective Blasting Equipment Prohibition			GISO, §5276(k)
Definitions			GISO, §5237
Detonating Cord, Use of			GISO, §5298.1
Disposal of Explosive Material			GISO, §5240
Drugs that Cause Drowsiness, Under Influence of			GISO, §5247(b)
Dust Storms, During			GISO, §5245
Electric Blasting Devices & Machines			GISO, §5305
Electricity, Firing with			GISO, §5299
	Auxiliary Switches		GISO, §5301
	Blasting machines, Blasting Devices & Batteries		GISO, §5305
	Firing Switches		GISO, §5300
	Leading wires		GISO, §5302
	Radio Transmitters, In Proximity of		GISO, §5306
	Power & Light Circuits, use of		GISO, §5304
	Storms, Blasting Prohibition during Lightning or Dust Storms		GISO, §5245
	Well sites		GISO, §5314
	Wires, Leading, Permanent & Temporary		GISO, §5302
Empty containers, destruction of			GISO, §5276
Excavation Blasting under Compressed Air			GISO, §5307
Excessive Heat Prohibition			GISO, §5276(i)
Explosives for Blasting			GISO, §5241
Fire Fighting Prohibition			GISO, §5276(*l*)
Firing of Explosives (Blasting Operation), General			GISO, §5291
	Personnel Safety during Firing of Explosives		GISO, §5291(b)(2) & (3)
	Security Personnel at Blast Area		GISO, §5291(b)(2)
	Surplus Explosives, Safely Stowed		GISO, §5291(b)(1)
	Time of Blasting, Set by Blaster-in-Charge		GISO, §5291(a)
	Warning Signal Requirement		GISO, §5291(b)
Firing Systems, Recommended Illustrations			GISO, §5302
Flaggers, Firing of Explosives, Precautions			GISO, §5291(c), (d)
Flammable Gases, in Underground Mining			GISO, §5244
General Requirements			GISO, §5276
Ignition Sources, Prohibition			GISO, §5276(a)
Lightning & Dust Storms, Operations During			GISO, §5245
Loading of Explosives			
	General		GISO, §5278
	Pneumatic loading of Explosive Material		GISO, §5280
	Under or Near Overhead Power lines		GISO, §5279
	Well Service Industry		GISO, §5312
Low Freezing Explosives			GISO, §5241(b)
Magazines, Storage			
	Construction of		GISO, §5253.1
	General Requirement		GISO, §5251
	Heating		GISO, §5254
	Make-up / Primer House		GISO, §5254
	Quantity & distance table, Explosive Materials		GISO, §5252
	Quantity & distance table, Blasting Agents / Ammonium. Nitrate		GISO, §5253
	Storage within		GISO, §5256
		Underground Storage	GISO, §5258
	Use of		GISO, §5253.1
Marine Terminal Operations involving Explosives			GISO, §§3462
Mix Room Equipment			GISO, §5344
Mixing Building			GISO, §5342
Mixing of Explosives, General Requirements			GISO, §5340
	Location of		GISO, §5341

Misfires			GISO, §5293
Narcotics, Under Influence of			GISO, §5247(b)
Non-Electric Blasting Systems			GISO, §5298
On-Site Mixed Water Gels, Slurries, Emulsions			GISO, §5348
	Mixed Blasting Agents		GISO, §5348
Open flame, Prohibition near			GISO, §5246
Parallel Blasting Circuit, Illustration			GISO, §5299
Parallel – Series Blasting Circuit, Illustration			GISO, §5299
Permits, Valid			GISO, §5247(a)
Power Lines, Near or Under			GISO, §5279
Pneumatic Loading			GISO, §5280
Power & Light Circuits, Blasting Procedure			GISO, §5304
Primers & Capped Fuses, Making			GISO, §5297
Radio Transmissions, Near Electric Blasting			GISO, §5306
Rail transportation of Explosives			
	Placards on railway cars		GISO, §5270
	Underground Railway System		GISO, §5266
Secondary Blasting			GISO, §5292
Safety Fuse, Use of			GISO, §5295.1
	Storage of		GISO, §5296
Secondary blasting general industry safety orders			GISO, §5292
Series Blasting Circuit, Illustration			GISO, §5299
Smokeless propellants			GISO, §5372
Smoking & Open Flame, Prohibition near Explosives			GISO, §5246
Static Electricity			GISO, §5328(f)
Storage of Explosive Materials			
	Ammonium Nitrate		
		Application & Scope	GISO, §5359
		Bulk Storage	GISO, §5363
		Container Storage	GISO, §5362
		Storage of	GISO, §5360
		Structures, Storage	GISO, §5361
	Blasting Agents		GISO, §5346
	General Storage Requirements		GISO, §5251
	Quantity and distance table		GISO, §5253
	Storage within Magazines		GISO, §5256
	Permits		GISO, §5247(a)
	Quantity & distance table, Explosive Materials		GISO, §5252
	Quantity & distance table, Blasting Agents / Ammonium. Nitrate		GISO, §5253
	Underground storage		GISO, §5258
	Well service industry		GISO, §5313
Storms, Operations during Lightning / Dust Storms prohibited			GISO, §5245
	Detection system		GISO, §5245(c)
	Prohibited during		GISO, §5245(a)
	Warning Protocol		GISO, §5245(b)
Switches, Auxiliary			GISO, §5301
Switches, Firing			GISO, §5300
Tamping Poles and devices			GISO, §5277
Tools, non-sparking material			GISO, §5276(b)
Training & Trainees			GISO, §5239
Transportation of Blasting Agents			GISO, §5347
Transporting of Explosive Materials			GISO, §5262
	Aircraft		GISO, §5269
	Hoisting		GISO, §5265
	Lowering		GISO, §5265
	Manual transportation		GISO, §5268
	Permits		GISO, §5247
	Placards on Trucks		GISO, §5270
	Rail transportation		GISO, §5266
		Placards at terminals	GISO, §5270
	Trackless vehicles by		GISO, §5267
	Truck Terminals		GISO, §5270
	Underground transportation		GISO, §5264
		Rail transportation	GISO, §5266
		Trackless vehicles by	GISO, §5267
	Boat Transport		GISO, §5269
	Well Service Industry		GISO, §5313
Underwater Blasting			GISO, §5308
Underground Blasting Operation			
	Explosives Used for		GISO, §5244
	Makeup or Primer House		GISO, §5257
	Transportation, General		GISO, §5264
	Transportation, Hoisting & Lowering		GISO, §5265
Underground storage			GISO, §5258
Underground use			GISO, §5244
	Makeup or primer house		GISO, §5257
Use of Explosives			See **EXPLOSIVES**, Handling & Use of

Water Gels			GISO, §5242
Well Service Industry, Explosives for			GISO, Article 118
	Application & Scope		GISO, §5311
	Loading or Assembling of Explosives		GISO, §5312
	Propellant Devices		GISO, §5312
	Storage of Explosives		GISO, §5313
	Transportation of Explosives		GISO, §5313
Wires, Leading, Permanent & Temporary			GISO, §5302
EXPLOSIVES, Avalanche, Snow, Blasting			GISO, Article 121
	Application & Scope		GISO, §5349
Arming of Explosive Charges			GISO, §5355
	Arming Room, Inside		GISO, §5355(c)
	Deployment Site, at		GISO, §5355(b)
Arming Room			GISO, §5355.1
	Construction of		GISO, §5355.1(b)
	Housekeeping		GISO, §5355.1(d)
	Location of		GISO, §5355.1(a)
	Restrictions		GISO, §5355.1(c)
Avalanche control coordinator			GISO, §5351(a)
	Blaster in charge		GISO, §5351(b)
	Blaster in charge		GISO, §5351(c)
	Competent ski mountaineers		GISO, §5351(f)
	Consist of		GISO, §5351(d)
	Personnel in training		GISO, §5351(e)
Blasting Activities			GISO, §5357
	Avalauncher / Launcher, use of		GISO, §5357(e)
	General Requirements		GISO, §5357(a)
	Hand Deployment		GISO, §5357(b)
	Helicopter, from		GISO, §5357(d)
	Ski lifts or trams, from		GISO, §5357(c)
Blasting caps			GISO, §5353(c)
Blasting caps			GISO, §5353(a)(1)
Cap & Fuse Assembly			GISO, §5353(e)
Communication requirement			GISO, §5351(g)
Detonating Systems			GISO, §5353(a)
Explosives			GISO, §5352
	Shelf life of		GISO, §5352(a)
	Storage of		GISO, §5354
	Transporting of		GISO, §5356
	Weather resistance		GISO, §5352(b)
Fuse caps			GISO, §5353(c)
Fuse Igniter			GISO, §5353(f)
Misfired Explosives			GISO, §5358
	Records / Documentation of		GISO, §5358(a), (d), (i)
	Retrieval of		GISO, §5358(b)
		Waiting period	GISO, §5358(c), (f)
	Slope Closure		GISO, §5358(c)
	Abatement of		GISO, §5358(c)
	Abatement of		GISO, §5358(g)
	Waiting period		GISO, §5358(c), (f)
	Documentation, Records of		GISO, §5358(a), (d), (f)
	Searching for		GISO, §5358(e)
	Determination of		GISO, §5358(g)
	Warning signs		GISO, §5358(j)
Multiple charge blasting			GISO, §5353(b)
Safety Fuses requirements			GISO, §5353(d)
Smoking prohibitions			GISO, §5276(a)
Snow Avalanche Blasting Crew			GISO, §5351
Storage of Explosives			GISO, §5354
Training			GISO, §5350
	Blasting crew members, for		GISO, §5350(a), (b)
	Essential personnel		GISO, §5350(e)
	Field experience, as		GISO, §5350(c)
Transporting of Explosives			GISO, §5356
	Avalanche Blasting Packs		GISO, §5356(e)
	Containers, inside		GISO, §5356(d)
	Public roads or highways, on		GISO, §5356(a)
	Ski lift, on		GISO, §5356(c)
	Vehicle's hot exhaust system		GISO, §5356(b)
EXPLOSIVES, Blasting Operations			
Avalanche Control Blasting			See **EXPLOSIVES**, Avalanche, Snow, Blasting
Black Powder Blasting			GISO, §5243
Blasting Subject to CSE			
	Helicopters		
		Notice to pilot of blasting operation	CSO, §1906(a)
		Notice to pilot of blasting Materials	CSO, §1938, Appx C, Plate C-36-a
		Safe practices code	CSO, §1938, Appx C, Plate C-36-a

		Transporting	CSO, §1908	
	Safe practices code		CSO, §1938, Appx A, Plate A-3-b	
Compressed Air Worksite, Blasting in			GISO, §5307	
Coyote Hole Blasting			GISO, §5294	
Definitions			GISO, §5237	
Disposal of Explosive Material			GISO, §5240	
Dust Storms, Operations During			GISO, §5245	
Excavation Blasting under Compressed Air			GISO, §5307	
Lightning Storms, Operations During			GISO, §5245	
Narcotics, Under Influence of			GISO, §5247(b)	
Permits, Valid			GISO, §5247(a)	
Secondary blasting general industry safety orders			GISO, §5292	
Underwater Blasting			GISO, §5308	
Underground Blasting Operation				
	Explosives Used for		GISO, §5244	
	Makeup or Primer House		GISO, §5257	
	Transportation, General		GISO, §5264	
	Transportation, Hoisting & Lowering		GISO, §5265	
Use of Explosives			See **EXPLOSIVES**, Handling & Use of	
Water Gels			GISO, §5242	
Well Service Industry, Explosives for			GISO, Article 118	
	Application & Scope		GISO, §5311	
	Loading or Assembling of Explosives		GISO, §5312	
	Propellant Devices		GISO, §5312	
	Storage of Explosives		GISO, §5313	
	Transportation of Explosives		GISO, §5313	
EXPLOSIVES, Firing of			GISO, §5291	
Personnel Safety during Firing of Explosives			GISO, §5291(b)(2) & (3)	
Security Personnel at Blast Area			GISO, §5291(b)(2)	
Surplus Explosives, Safely Stowed			GISO, §5291(b)(1)	
Time of Blasting, Set by Blaster-in-Charge			GISO, §5291(a)	
Warning Signal Requirement			GISO, §5291(b)	
EXPLOSIVES, Handling & Use of			GISO, Article 116	
Alcohol, Under Influence of			GISO, §5247(b)	
Blasting Mat, General Requirement			GISO, §5276(f)	
Blasting Mat, use required near or below Power lines			GISO, §5279(b)	
Blasting Procedure With Power & Light Circuits			GISO, §5304	
Capped Fuses & Primers, Making			GISO, §5297	
Compressed Air, Blasting in Caisson			GISO, §5307	
Coyote Hole Blasting			GISO, §5294	
Detonating Cord, Use of			GISO, §5298.1	
Electric Blasting Devices & Machines			GISO, §5305.1	
Electricity, Firing with			GISO, §5299	
	Firing Switches		GISO, §5300	
	Auxiliary Switches		GISO, §5301	
	Wires, Leading, Permanent & Temporary		GISO, §5302	
Firing of Explosives (Blasting Operation)			GISO, §5291	
	Personnel Safety during Firing of Explosives		GISO, §5291(b)(2) & (3)	
	Security Personnel at Blast Area		GISO, §5291(b)(2)	
	Surplus Explosives, Safely Stowed		GISO, §5291(b)(1)	
	Time of Blasting, Set by Blaster-in-Charge		GISO, §5291(a)	
	Warning Signal Requirement		GISO, §5291(b)	
Firing Systems, Recommended Illustrations			GISO, §5302	
General Requirements			GISO, §5276	
Lightning Storm, Blasting During			GISO, §5245	
Loading of Explosives			GISO, §5278	
Makeup House, Underground Blasting			GISO, §5257	
Manufacturing & Processing of Explosive Materials			GISO, Article 119	
		Application & Scope	GISO, §5319	
	Change Room & Washing Facilities		GISO, §5324	
	Containers		GISO, §5329	
	Equipment / Building, Operating of		GISO, §5328	
	Explosives Operations		GISO, §5329	
	Facility, Plans of		GISO, §5321	
	Food, Consuming of		GISO, §5325	
	Intra-line Separation, Operating Buildings		GISO, §5327	
	Operating Buildings & Equipments		GISO, §5328	
		Intra-line separation	GISO, §5327	
		Plans of plant maintaining	GISO, §5321	
	Reporting Requirements		GISO, §5320	
	Safety requirements		GISO, §5329	
	Scope of article		GISO, §5319	
	Testing of Explosive Materials		GISO, §5330	5191
	Training & Instruction of Employees		GISO, §5322	
	Washing Facilities & Change Rooms		GISO, §5324	
		Potable Water in Adequate Supply	GISO, §3363(a)	
Misfires				

	General Requirements		GISO, §5293
	Snow avalanche blasting		GISO, §5358
Non-Electric Blasting Systems			GISO, §5298
Open flame, prohibition near			GISO, §5276
Parallel Blasting Circuit, Illustration			GISO, §5299
Parallel – Series Blasting Circuit, Illustration			GISO, §5299
Power & Light Circuits, Blasting Procedure			GISO, §5304
Power Lines, Near or Under			GISO, §5279
Pneumatic Loading			GISO, §5280
Primers & Capped Fuses, Making			GISO, §5297
Radio Transmissions, Near Electric Blasting			GISO, §5306
Rail transportation			
	General industry safety orders		GISO, §5266
		Placards at terminals	GISO, §5270
Reporting requirements			
	Blasting accidents		GISO, §5248
	Manufacturing		GISO, §5320
Safety Fuse			
	General Requirements		GISO, §5295
	Storage of		GISO, §5298
	Capped fuse and primer making		GISO, §5297
	Non-electric Initiations systems		GISO, §5298
	Snow avalanche blasting		GISO, §5353(d)
	Storage of		GISO, §5296
	Use of		GISO, §5295
Secondary Blasting			GISO, §5292
Series Blasting Circuit, Illustration			GISO, §5299
Switches, Firing			GISO, §5300
Switches, Auxiliary			GISO, §5301
Tamping Poles			GISO, §5277
Underground Use, Explosives for			GISO, §5244
	Makeup or Primer House		GISO, §5257
	Underground Explosives Storage		GISO, §5258
Underwater Blasting			GISO, §5308
Well Service Industry, Explosives for			GISO, Article 118
	Application & Scope		GISO, §5311
	Loading or Assembling of Explosives		GISO, §5312
	Propellant Devices		GISO, §5312
	Storage of Explosives		GISO, §5313
	Transportation of Explosives		GISO, §5313
Wires, Leading, Permanent & Temporary			GISO, §5302
Narcotics, Under Influence of			GISO, §5247(b)
Primer House, Underground Blasting			GISO, §5257
Processing of Explosive Materials			See Manufacturing & Processing Explosive Materials under this Heading
Railway Transport, Placarding			GISO, §5270
Storage of Explosive Materials			GISO, Article 114
	General Storage Requirements		GISO, §5251
	Magazines, Construction & Use		GISO, §5253.1
		Magazine Heating	GISO, §5254
		Storage Within Magazine	GISO, §5256
	Makeup House, Underground Blasting		GISO, §5257
	Primer House, Underground Blasting		GISO, §5257
	Quantity &	Distances Tables	
		Ammonium Nitrate & Blasting Agents	GISO, §5253
		Explosive Materials	GISO, §5252
		Low Explosive, Un-barricaded	GISO, §5252.1
	Underground Storage		GISO, §5258
	Well Service, Storage of Explosives		GISO, §5313
EXPLOSIVES, Manufacturing Operations of Explosive Materials			GISO, Article 119
	Application & Scope		GISO, §5319
Change Room & Washing Facilities			GISO, §5324
Explosives Operations			GISO, §5329
Facility, Plans of			GISO, §5321
Food, Consuming of			GISO, §5325
Intra-line Separation, Operating Buildings			GISO, §5327
Operating Buildings & Equipments			GISO, §5328
Reporting Requirements			GISO, §5320
Testing of Explosive Materials			GISO, §5330
Training & Instruction of Employees			GISO, §5322
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Face Protection		GISO, §3404
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Head Protection		GISO, §3403
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	Face protection	GISO, §3404
	Foot protection	GISO, §3408
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		Employees Entry Restriction		PSO-D&P, §6524(b)
		Prolonged Escape of Unburned Gasses Prevention		PSO-D&P, §6524(b)
		Remote Ignition, Controlled		PSO-D&P, §6524(b)
		Remote Ignition, Failure		PSO-D&P, §6524(e)
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	Remote Ignition, Controlled			PSO-D&P, §6524(b)
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" " " " "		See also under **EXPLOSIVES**	
Personnel Safety during Firing of Explosives			GISO, §5291(b)(2) & (3)
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Emergency Washing Facilities			CSO, §1512(f)
First Aid Kit Content			CSO, §1512(c)
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FIRST AID, General Requirement, per GISO			GISO, §3400
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- Eye Wash, Flushing, Drenching Facilities — SSO, §8351(e)
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- Manufacturer's Recommendations, wire rope fastenings — TSO, §8497(b)
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Metal Ladders, Prohibition — TelSO, §8608(d)
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FIXED INDUSTRIAL STAIRS — GISO, §3234

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Smoking Prohibition			LSSO, §6262(e)
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	Definition of Fume Hood		GISO, §5209(b)

Face Velocity @ 150 fpm	GISO, §5209(b)(11)
Hazardous Chemicals in Laboratories, Exposure to	GISO, §5191, Appx A, (C)(4)(b), (g)
Face Velocity @ 60-100 lfm	GISO, §5191, Appx A, (C)(4)(g)
FUMES, Control of Dangerous, per PSO-R,T&H	PSO-R,T&H, §6788
FUMES, DUSTS, MISTS, VAPORS, & GASES	See also **DUSTS, FUMES, MISTS, VAPORS & GASES**
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FUMES, DETERIORATING AGENTS, per ESO	
Electrical Equipment Use Prohibited when not Approved for	ESO-LV, §2340.11(a)
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Fumigation in Vaults & Chambers	GISO, §5222
General Requirements	GISO, §5221
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” ” ” ”	GISO, §5223(a)(8)
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Formulation & Application	GISO, §3450
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Exposure limits	GISO, §5155, & Appx A
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FURADAN, Exposure limits	GISO, §5155, & Appx A
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FURAN	
Process Safety Management for Acutely Hazardous Substances	GISO, §5189, Appx A
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FURFURYL ALCOHOL, Exposure limits	GISO, §5155, & Appx A
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FURNACES, HOLDING, Die Casting Machines	GISO, §4266
FUSE, Electrical	
” ” ” ”	See also **ELECTRICAL INTERRUPTING DEVICES**
” ” ” ”	See also **ELECTRICAL DISCONNECTION MEANS / CUTOUTS**
” ” ” ”	See also **ELECTRICAL CIRCUIT BREAKERS**
Disconnecting Means for Fuses	ESO-LV, §2390.20
Fuses, Supply Side of	ESO-LV, §2390.20
Service Entrance	ESO-LV, §2380.1
Installation on load side of switches	ESO-LV, §2484.19
Motion Picture Studio Stage, Fused Protection	ESO-LV, §2553.18
Safe location	ESO-LV, §2340.27
Shielding of Fuses / Circuit Breakers	ESO-LV, §2390.41(a)
Relative Arrangement of Fuses	ESO-LV, §2484.19
Disconnecting Means, High Voltage	ESO-HV, §2718.1
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Fused Interrupter Switches	ESO-HV, §2834
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FUSE, Explosives	

Capped Fuses & Primers, Making — GISO, §5297
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List of Acronyms

GAFFS, Pole climbers — TelSO, §8607
Gaff Length — TelSO, §8607(a)
Inspections of Pole Climbers — TelSO, §8607(b)
Safety Caps for Gaffs — TelSO, §8607(a)
Test, Gaff Cut-out, Weekly — TelSO, §8607(c)
Pole climber Use, Wood Poles only — TelSO, §8607(a)
GAGE GLASSES, Tubular, Leakage & Spill Control — PSO-R,T&H, §6852
GANTRY CRANES — See also **CRANES**
Bumpers/buffers — GISO, §4905
Energy absorbing capacity — GISO, §4905(b)
Crushing injuries, protection — GISO, §4906(b)
Guarding, Wheels, rails — GISO, §4906(b), (c)
Multiple Gantry crane on a runway — GISO, §4905
GANTRY TRUCKS (Straddle Carriers) — GISO, Article 31
Access to — GISO, §3803
Brakes — GISO, §3809
Guarding, Wheel — GISO, §3805
Exception to Guarding — GISO, §3805(b)
Lights — GISO, §3808
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Speed Control — GISO, §3806
Governor — GISO, §3806(a)
Restricted Walkways — GISO, §3806(b)
Speed Zones — GISO, §3806(b)
Visibility — GISO, §3802
Warning Devices — GISO, §3801
GARAGES, Repair & Storage, Hazardous Locations (Classified) — ESO-LV, §2540.5
Commercial, as hazardous location — ESO-LV, §2540.5
Grounding of electrical equipment — ESO-LV, §2395.43
GARBAGE DISPOSAL EQUIPMENT, Food Service — GISO, §4559
GARBAGE TRUCKS & REFUSE COLLECTION EQUIPMENT
Application & Scope — GISO, §4342
Definitions — GISO, §4343
Collection Equipment — GISO, §4344
Hoist & Tilt-Frame Collection Equipment — GISO, §4345
Compaction & Collection Vehicles
Application & Scope — GISO, §4350
Definitions — GISO, §4351
Balers — GISO, §4353
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Garbage trucks — GISO, §4354
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Mobile Compaction Equipment — GISO, §4354
Operating Rules / Requirements — GISO, §4355
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GARNETT MACHINE — GISO, §4470
GAS, Compressed Gas Equipment
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Handling of Cylinders — GISO, §4650
Dropping of Cylinders Prohibited — GISO, §4650(n)
Rolling & Carrying of Cylinders — GISO, §4650(h), Exception
Striking of Cylinders Prohibited — GISO, §4650(n)
Prying of Cylinders from Frozen Ground — GISO, §4650(n)
Leaking Cylinders, Regulators, Valves, Hose, Piping — GISO, §4650(p)
Marking / Labeling of Cylinders — GISO, §4649(d)
Portable Service, Cylinder Used in — GISO, §4650(h)
Secured in Suitable Trucks — GISO, §4650(h)
Rolling & Carrying of Cylinders — GISO, §4650(h), Exception
Securing of Cylinders when in Use
In Racks / Structures — GISO, §4650(h)
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Heat, Protected from	GISO, §4650(a)
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See Exception	GISO, §4650(g)
Lifting, Not Used for	GISO, §4650(j)
Crane, Hoist & Derrick, Hoisting of Cylinders	GISO, §4650(j)
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GAS COMPRESSORS & GAS PLANT REQUIREMENTS, per PSO-D&P,	PSO-D&P, §6553
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Discharge Outlet of Pressure Relief Device	PSO-D&P, §6553(c)
Inlet Scrubber, Liquids in Incoming Gas	PSO-D&P, §6553(d)
Pre-Maintenance Procedure, locking / Blocking	PSO-D&P, §6553(f)
Shut-off Valve, Gas Line	PSO-D&P, §6553(e)
Stationary Engine Driving Compressors	PSO-D&P, §6554
Valve, Return Flow Protection	PSO-D&P, §6553(a)
GASEOUS SYSTEMS, Fixed Extinguishing Systems	GISO, §6181
GASES, Control of Dangerous, per CSO	CSO, §1528
” ” ” ”	See **DUSTS, FUMES, MISTS, VAPORS & GASES**
GASES, Control of Dangerous In Mines, per MSO	
After Blasting	MSO, §7095
Dangerous Accumulations in Mines	MSO, §7102
From Secondary Blasting	MSO, §7096
Gassy Mine Operation	MSO, §7106
Gassy Mine Classification	MSO, §7103
Mechanical & Electrical Equipment for	MSO, §7105
Tests for Gases in Mines	MSO, §7104
Mechanical & Electrical Equipment for Gassy Mines	MSO, §7105
Tests for Gases in Mines	MSO, §7104
GASES, Control of Dangerous, per PSO-R,T&H	PSO-R,T&H, §6788
Gases & Vapor Testing	PSO-R,T&H, §6789
GASES, Deteriorating Agents, per ESO	
Electrical Equipment Use Prohibited when not Approved for	ESO-LV, §2340.11
GASES, Flammable	See **FLAMMABLE LIQUIDS, GASES & VAPORS**
GASES, FUMES, DUSTS, MISTS & VAPORS, Control of	See **DUSTS, FUMES, MISTS, VAPORS & GASES**
GAS MASKS	See **RESPIRATORY PROTECTION**
GASOLINE, Petrol	
Exposure limits	GISO, §5155, & Appx A
Gasoline Dispensing	ESO-LV, §2540.8(c)
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
Motor Fuel Dispensing, Hazardous Locations (Classified)	ESO-LV, §2540.7
Service Stations	See **SERVICE STATIONS**
GAS PLANT REQUIREMENTS, per GISO	See **GAS**, Compressed Gas Equipment
GAS PLANT REQUIREMENTS, per PSO-D&P	See **GAS COMPRESSORS & GAS PLANT REQUIREMENTS**, per PSO-D&P
GAS STATIONS	
” ”	See also **FLAMMABLE LIQUIDS, GASES & VAPORS**

Application & Scope	GISO, §5565
Attendance or Supervision of Dispensing	GISO, §5578
Compressor Rooms	ESO-LV, §2540.7
Containers & Tanks, Portable	GISO, §5566
Dispensing into Portable Containers	GISO, §5577
Dispensing, Attendance or Supervision of	GISO, §5578
Dispensing into Portable Containers	GISO, §5577
Drainage & Water Disposal	GISO, §5579
Electrical Equipment	GISO, §5574
Emergency Power Cutoff to Dispensers	GISO, §5572
Enclosures, Special	GISO, §5567
Fire Control	GISO, §5581
Fire Extinguisher	GISO, §5581
Flammable liquids, equipment for storing, handling, or dispensing	GISO, §5574
Fuel Delivery Nozzles	GISO, §5576
Fuel, Motor Fuel Dispensing, Hazardous Locations (Classified)	ESO-LV, §2540.7
Fuel Dispensing System	GISO, §5571
Fuel Dispensing Unit	GISO, §5573
Handling, of Flammable Gasses, Liquids, Vapor	GISO, §5566
Heating Equipment	GISO, §5575
Ignition, Sources of	GISO, §5580
Lubritoriums	ESO-LV, §2540.7
Nozzles, Fuel Delivery	GISO, §5576
Piping, Valves are	GISO, §5569
Portable Containers, Dispensing into	GISO, §5577
Power Cutoff, Emergency	GISO, §5572
Pumping Systems, Remote	GISO, §5570
Service pits, Guarding of	GISO, §3213
Service Rooms	ESO-LV, §2540.7
Sources of Ignition	GISO, §5580
Storage, of Flammable Gasses, Liquids, Vapor	GISO, §5566
Containers & Tanks	GISO, §5566
Enclosures, Special	GISO, §5567
Inside Buildings	GISO, §5568
Supervision of Dispensing	GISO, §5578
Tanks & Containers, Storage	GISO, §5566
Dispensing into Portable Containers	GISO, §5577
Water, Drainage Disposal	GISO, §5579
GASSY & EXTRA-HAZARDOUS TUNNELS, per TSO	TSO, §8425
Classification of	TSO, §8422
Operating of	TSO, §8425
GAS TESTING, Excavations	CSO, §1541(g)
In Shafts	CSO, §1542(d)(3)
GAS, Tunnels, Protection against	TSO, §8427
GAS & OIL WELLS, Drilling & Production	
Change Rooms	
Permanent Change Rooms, per Article 9, GISO	PSO-D&P, §6514(a)
Clean, Orderly, Sanitary Condition	PSO-D&P, §6514(b)
Location of	PSO-D&P, §6514(c)
Shower Facilities, Number of	PSO-D&P, §6514(a)
Well Drilling & Servicing Operations	PSO-D&P, §6515
Clean, Orderly, Sanitary Condition	PSO-D&P, §6515(b)
Lighting, Heating & Ventilation	PSO-D&P, §6515(b)
Location of	PSO-D&P, §6515(a)
Clothing, wearing of, per Article 10, GISO	PSO-D&P, §6513
Communication, Emergency	PSO-D&P, §6512
Decking at Derrick Platforms	PSO-P&D, §6560(e), (f), (g),
Drainage control	PSO-D&P, §6538
Drilling Operation	
Fall Protection Requirements, Derrick / Mast Work	PSO-D&P, §6580
Tools, Handling Heavy Tools at Drilling Wells	PSO-D&P, §6607
Electrical Equipment & Wiring per Electrical Safety Orders	PSO-D&P, §6527
Emergency Escape, Auxiliary Means of	PSO-D&P, §6573
Emergency Medical Services	PSO-D&P, §6512
Emergency Stop Device, Drilling Equipment	PSO-D&P, §6625
Equipment & Pipe Lines	
Blinding or Isolating of Equipment & Pipe Lines	PSO-D&P, §6536
Blinding Design	PSO-D&P, §6536(b)
Open or Closed Indicators	PSO-D&P, §6536(e)
Employee Protection by	PSO-D&P, §6536(a)
Ventilation Requirements	PSO-D&P, §6536(c)
Welding, Hot Work Method	PSO-D&P, §6536(d)
Opening of Equipment & Pipe Lines	PSO-D&P, §6535
Emptying of Content	PSO-D&P, §6535(b)
Ignition Source, Elimination of	PSO-D&P, §6535(c)
Relieve of Pressure	PSO-D&P, §6535(a)
Equipment & Tools, Miscellaneous	PSO-D&P, §6646

Escape, Auxiliary Means of				PSO-D&P, §6573
Fall Protection Requirements, Derrick/ Mast Work				PSO-D&P, §6580
” ” ” ” ” ”				See **FALL PROTECTION REQUIREMENTS**, per PSO-D&P
Fire Prevention				
	Cleaning oil restrictions			PSO-D&P, §6520
	Drainage control			PSO-D&P, §6538
	Fired equipment location			PSO-D&P, §6526
	Fire fighting equipment			PSO-D&P, §6519
	Flammable and combustible liquid transfer by air displacement			PSO-D&P, §6525
	Flammable waste gases and vapors			PSO-D&P, §6524
	Hazardous area testing			PSO-D&P, §6521
	Pipe lines			
		Blinding procedures		PSO-D&P, §6536
		Opening procedures		PSO-D&P, §6535
	Smoking restrictions			PSO-D&P, §6518
	Spontaneous ignition precautions			PSO-D&P, §6522
	Static electricity			PSO-D&P, §6523
First aid				PSO-D&P, §6511
Fittings, Pipe Lines & Valves				PSO-D&P, §6533
	Drill Pipe & Well Casing / Tubing Excluded			PSO-D&P, §6533(a)
	General Requirements			PSO-D&P, §6533(a)
	Inspection Requirements			PSO-D&P, §6533(b)
	Pressure Relieve Devices & Valves			PSO-D&P, §6533(c)
Flammable Gases Or Vapors, Hazardous Areas				See **FLAMMABLE GASES OR VAPORS**, Hazardous Areas
Flammable Waste Gasses & Vapor				See **FLAMMABLE WASTE GASSES & VAPOR**
Flywheel Guarding, Prime Movers				PSO-D&P, §6682
Gas & Vapor testing				PSO-D&P, §6531
Hazardous Areas				PSO-D&P, §6521
		Control of Sources of Ignition		PSO-D&P, §6521(a)
		Ignition Sources, Control of		PSO-D&P, §6521(a)
	Flammable Waste Gasses & Vapor			PSO-D&P, §6524
		Burning, Controlled		PSO-D&P, §6524(a)
		Control Hazards Associated with		PSO-D&P, §6524(a)
		Flares, use of		PSO-D&P, §6524(a), (c)
			Employees Entry Restriction	PSO-D&P, §6524(b)
			Remote Ignition, Controlled	PSO-D&P, §6524(b)
			Remote Ignition, Failure	PSO-D&P, §6524(e)
		Release of Gasses & Vapor Prevention		PSO-D&P, §6524(d)
		Remote Ignition, Controlled		PSO-D&P, §6524(b)
		Testing for Releases before Employees Entry		PSO-D&P, §6524(e)
	Ignition Sources			
		Control of		PSO-D&P, §6521(a)
		Prohibited, in Flammable Vapor / Gas		PSO-D&P, §6521(b)
	Spontaneous Ignition			PSO-D&P, §6522
		Iron Sulfide Management		PSO-D&P, §6522(a)
		Steel Wool, use with Lime		PSO-D&P, §6522(b)
	Static Electricity, Control of			PSO-D&P, §6523(a)
		Grounding of Steel Derricks & Masts		PSO-D&P, §6523(b)
	Testing of Gas & Vapor			PSO-D&P, §6531
	Transfer of Flammable / Combustible Liquids			
		Compressed Air, Use Prohibited for Tanks		PSO-D&P, §6525(a)
			Exceptions listed	PSO-D&P, §6525(a)
	Well Safety			
		Electrical Equipment		PSO-D&P, §6527
		Fired Equipment Restriction near Wells		PSO-D&P, §6526(a)
		Safety Provisions & Precautions		PSO-D&P, §6655
Heavy tool, Handling of				PSO-D&P, §6607
Housekeeping of Oil Storage Facilities				PSO-D&P, §6539
Identification of Wells				PSO-D&P, §6556
Injury & Illness Prevention Program per			GISO, §3203	PSO-D&P, §6507
	Safety Provisions & Precautions			PSO-D&P, §6655
Inspection Program, Pressure Vessels & Boilers				PSO-D&P, §6551(c)
Internal combustion engines, Precautions				PSO-D&P, §6554
Ladders				PSO-D&P, §6564
Ladderway openings				PSO-D&P, §6565
Leakage control				PSO-D&P, §6540
Lighting				PSO-D&P, §6657
Liquids, Loading & Unloading Operations				PSO-D&P, §6651
	Loading & Unloading Platforms			PSO-D&P, §6652
	Wharves & Piers, at			PSO-D&P, §6659
Loading & Unloading operations				PSO-D&P, §6651
	Platforms			PSO-D&P, §6652
	Wharves & Piers, at			PSO-D&P, §6659
Maintenance				
	Fall Protection Requirements, Derrick / Mast Work			PSO-D&P, §6580
Personal Protective Equipment, per Article 10, GISO				PSO-D&P, §6513
Pipe Lines				See also Equipment & Pipe Lines under this heading

	Fittings, Pipe Lines & Valves		PSO-D&P, §6533
		Drill Pipe & Well Casing / Tubing Excluded	PSO-D&P, §6533(a)
		General Requirements	PSO-D&P, §6533(a)
		Inspection Requirements	PSO-D&P, §6533(b)
		Pressure Relieve Devices & Valves	PSO-D&P, §6533(c)
Pressure Vessels & Boilers, Inspection Program			PSO-D&P, §6551(c)
Pull Rope, Wire			PSO-D&P, §6640
Pumping Machinery & Equipment			PSO-D&P, Article 37
	Access to the Walking Beam		PSO-D&P, §6632
	Attractive Nuisance Guards: Well-Pumping Units		PSO-D&P, §6633
	Catheads		PSO-D&P, §6642
		Chain Used for Spinning Lines	PSO-D&P, §6645
		Lines Used on Catheads	PSO-D&P, §6644
	Construction & Maintenance		PSO-D&P, §6630
	Guarding		PSO-D&P, §6631
	Illumination / Lighting		PSO-D&P, §6657
	Pumps & Pump Pressure Relief Devices		PSO-D&P, §6634
	Safety Provisions & Precautions		PSO-D&P, §6655
	Shafts & Equipment at Oil Wells		PSO-D&P, §6661
	Weight Indicators for Wire Rope Hoisting Lines		PSO-D&P, §6690
Rod-wheel Wrench/ Equipment & Tools			PSO-D&P, §6646(f)
	Extensions, Prohibition		PSO-D&P, §6646(g)
Safety Provisions & Precautions			PSO-D&P, §6655
	Injury & Illness Prevention Program		PSO-D&P, §6507
Servicing Machinery & Equipment			PSO-D&P, Article 35
	Application / Scope		PSO-D&P, §6621
	Brakes & Brake Control Mechanism		PSO-D&P, §6626
	Catheads		PSO-D&P, §6642
		Chain Used for Spinning Lines	PSO-D&P, §6645
		Lines Used on Catheads	PSO-D&P, §6644
	Drilling Equipment, Construction & Maintenance		PSO-D&P, §6624
	Emergency Stop Device		PSO-D&P, §6625
	Guarding		PSO-D&P, §6622
	Illumination / Lighting		PSO-D&P, §6657
	Line Spoolers & Deadline Stabilizers		PSO-D&P, §6688
	Power Tongs Control Mechanism		PSO-D&P, §6628
	Safety Provisions & Precautions		PSO-D&P, §6655
	Weight Indicators for Wire Rope Hoisting Lines		PSO-D&P, §6690
	Well Servicing Equipment, Construction & Maintenance		PSO-D&P, §6624
Shower Facilities, Number of			PSO-D&P, §6514(a)
Storage Facilities, Housekeeping of Oils Storage			PSO-D&P, §6539
Tools & Equipment			PSO-D&P, §6646
Tools, Handling Heavy Tools at Drilling Wells			PSO-D&P, §6607
Traveling blocks			PSO-D&P, §6638
Unloading & Loading Operations			PSO-D&P, §6651
	Platforms		PSO-D&P, §6652
	Wharves & Piers, at		PSO-D&P, §6659
Valves			PSO-D&P, §6533
Weight Indicators			PSO-D&P, §6690
Well Identification			PSO-D&P, §6556
Well-servicing machinery			
	Applicability		PSO-D&P, §6621
	Guarding		PSO-D&P, §6622
Well Shafts			PSO-D&P, §6661
	Construction and maintenance		PSO-D&P, §6576
	Entrances & Exits		PSO-D&P, §6577
Wharves and piers			PSO-D&P, §6659
GAS & OIL WELLS, Fire Hazard Control			PSO-D&P, §6521
Control of Sources of Ignition			PSO-D&P, §6521(a)
Flammable Waste Gasses & Vapor, Hazard Control			PSO-D&P, §6524
	Burning, Controlled		PSO-D&P, §6524(a)
	Control Hazards Associated with		PSO-D&P, §6524(a)
	Flares, use of		PSO-D&P, §6524(a), (c)
	Employees Entry Restriction		PSO-D&P, §6524(b)
	Remote Ignition, Controlled		PSO-D&P, §6524(b)
	Remote Ignition, Failure		PSO-D&P, §6524(e)
	Release of Gasses & Vapor Prevention		PSO-D&P, §6524(d)
	Remote Ignition, Controlled		PSO-D&P, §6524(b)
	Testing for Releases before Employees Entry		PSO-D&P, §6524(e)
Ignition Sources			
	Control of		PSO-D&P, §6521(a)
	Prohibited, in Flammable Vapor / Gas		PSO-D&P, §6521(b)
Spontaneous Ignition			PSO-D&P, §6522
	Iron Sulfide Management		PSO-D&P, §6522(a)
	Steel Wool, use with Lime		PSO-D&P, §6522(b)
Static Electricity, Control of			PSO-D&P, §6523(a)
	Grounding of Steel Derricks & Masts		PSO-D&P, §6523(b)

Testing of Gas & Vapor			PSO-D&P, §6531
Transfer of Flammable / Combustible Liquids			
	Compressed Air, Use Prohibited for Tanks		PSO-D&P, §6525(a)
		Exceptions listed	PSO-D&P, §6525(a)
Well Safety			
	Electrical Equipment		PSO-D&P, §6527
	Fired Equipment Restriction near Wells		PSO-D&P, §6526(a)
	Safety Provisions & Precautions		PSO-D&P, §6655
GAS & OIL WELLS, Hazardous (Classified) Locations			ESO-LV, Article 60
Drilling Wells			ESO-LV, §2548.22
General			ESO-LV, §2548.21
Lighting Systems			ESO-LV, §2548.26
Overload Protection			ESO-LV, §2548.24
Producing Wells			ESO-LV, §2548.23
	Desander, Desilter, Illustrations		ESO-LV, §2548.23, Figure 6
	Mud Tanks, Illustrations		ESO-LV, §2548.23, Figures 3
	Mud Tanks, Illustrations		ESO-LV, §2548.23, Figures 4
	Pump, Compressor, Illustrations		ESO-LV, §2548.23, Figures 11
	Pump, Compressor, Illustrations		ESO-LV, §2548.23, Figures 12
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	Shale Shaker, Illustrations		ESO-LV, §2548.23, Figure 5
	Vents, Misc, Illustrations		ESO-LV, §2548.23, Figures 13-18
	Well Head Illustrations		ESO-LV, §2548.23, Figures 1-10
Wastewater Wells			ESO-LV, §2540.10
Wiring Methods			ESO-LV, §2548.25
GAS & OIL WELLS, Pumping Machinery & Equipment			PSO-D&P, Article 37
Access to the Walking Beam			PSO-D&P, §6632
Air Compressors, Engines Powering			PSO-D&P, §6554
Attractive Nuisance Guards: Well-Pumping Units			PSO-D&P, §6633
Boilers		See **BOILERS**	
Construction & Maintenance			PSO-D&P, §6630
Dead line stabilizers			PSO-D&P, §6688
Derricks & Masts			PSO-D&P, §6558
	Construction and maintenance		PSO-D&P, §6568
	Crown blocks		PSO-D&P, §6571
	Crown platforms and railings		PSO-D&P, §6562
	Decking at Derrick Platforms		PSO-P&D, §6560(e), (f), (g),
	Equipment and tool requirements		PSO-D&P, §6603
	Escape lines		PSO-D&P, §6574
	Escape routes, Auxiliary Means		PSO-D&P, §6573
	Equipment in		PSO-D&P, §6603
	External platforms		PSO-D&P, §6561
	Fingers finger boards and finger braces		PSO-D&P, §6569
	Floor access and exits		PSO-D&P, §6579
	Gin poles		PSO-D&P, §6563
	Guy lines		PSO-D&P, §6566
	Internal platforms		PSO-D&P, §6560
	Ladders		PSO-D&P, §6564
	Ladderway openings		PSO-D&P, §6565
	Materials in		PSO-D&P, §6603
	Safety belts and lanyards		PSO-D&P, §6580
	Stabbing boards		PSO-D&P, §6570
	Tools in		PSO-D&P, §6603
Electrical Equipment			PSO-D&P, §6527
Overspeed (Runaway) Protection, Air and Gas Compressors			PSO-D&P, §6554(h)
Escape routes, Auxiliary Means			PSO-D&P, §6573
Experimental equipment			PSO-D&P, §6886
Fittings, Pipe Lines & Valves			PSO-D&P, §6533
	Drill Pipe & Well Casing / Tubing Excluded		PSO-D&P, §6533(a)
	General Requirements		PSO-D&P, §6533(a)
	Inspection Requirements		PSO-D&P, §6533(b)
	Pressure Relieve Devices & Valves		PSO-D&P, §6533(c)
Gas Compressors, Engines Powering			PSO-D&P, §6554
Gas Compressors & Gas Plant Requirements			PSO-D&P, §6553
	Discharge Line, Pressure Relief Device Requirement		PSO-D&P, §6553(b)
	Discharge Outlet of Pressure Relief Device		PSO-D&P, §6553(c)
	Inlet Scrubber, Liquids in Incoming Gas		PSO-D&P, §6553(d)
	Pre-Maintenance Procedure, Locking / Blocking		PSO-D&P, §6553(f)
	Shut-off Valve, Gas Line		PSO-D&P, §6553(e)
	Stationary Engine Driving Compressors		PSO-D&P, §6554
	Valve, Return Flow Protection		PSO-D&P, §6553(a)
Gas & Vapor testing			PSO-D&P, §6531
Gin Pole Mast, Telescoping			PSO-D&P, §6584
Guarding			PSO-D&P, §6631
Heavy tool, Handling of			PSO-D&P, §6607
Hoses & Standpipes			PSO-D&P, §6609
Internal combustion engines			

	Application / Scope of §6684		PSO-D&P, §6684(a)
	Batteries, Electrical Storage		PSO-D&P, §6684(h)
	Compressors, Air or Gas		PSO-D&P, §6554
	Cylinder Cooks		PSO-D&P, §6684(e)
	Electrical Accessories for ICE		PSO-D&P, §6684(f)
	Electrical Accessories for ICE		PSO-D&P, §6684(g)
	Electrical Storage Batteries		PSO-D&P, §6684(h)
	Exhaust System Maintenance		PSO-D&P, §6684(a)
	Flywheels		PSO-D&P, §6682
	Power Controls		PSO-D&P, §6681
	Safety Precautions		PSO-D&P, §6684(b), (d), (g)
		For Compressors, Air or Gas	PSO-D&P, §6554
	Starters for ICE		PSO-D&P, §6685
Ladders			PSO-D&P, §6564
Ladderway openings			PSO-D&P, §6565
Lighting			PSO-D&P, §6657
Line spoolers			PSO-D&P, §6688
Machinery			
	Brakes		PSO-D&P, §6626
	Construction		PSO-D&P, §6624
	Emergency Stop Devices		PSO-D&P, §6625
	Maintenance		PSO-D&P, §6624
Masts			
	Cantilever Derricks & Masts, Portable		PSO-D&P, §6595
	Construction		PSO-D&P, §6568
	Crown blocks		PSO-D&P, §6571
	Crown Platforms & Railings		PSO-D&P, Article 25
		Access & Lubrication	PSO-D&P, §6592(a)
		Ladder Requirements	PSO-D&P, §6592(b)
		Gin Pole Masts, Stationary or Portable	PSO-D&P, §6589
		Portable Cantilever Derricks & Masts	PSO-D&P, §6590
		Portable Jackknife Derricks & Masts	PSO-D&P, §6591
		Telescoping Derricks & Masts	PSO-D&P, §6591
	Equipment and tool requirements		PSO-D&P, §6603
	Escape lines.		PSO-D&P, §6574
	Fire Escapes, Auxiliary Means		PSO-D&P, §6573
	Fingers, Finger Boards & Finger Braces		PSO-D&P, §6569
	Floor access and Exits		PSO-D&P, §6579
	Guarding		PSO-D&P, §6636
	Guying		PSO-D&P, §6586
	Hydraulic lifts		PSO-D&P, §6583
	Ladders.		PSO-D&P, §6599
	Maintenance		PSO-D&P, §6568
	Pipe racking supports		PSO-D&P, §6596
	Platforms Access Runways		PSO-D&P, §6594
	Platforms, Crown, & Railings		PSO-D&P, Article 25
		Access & Lubrication	PSO-D&P, §6592(a)
		Ladder Requirements	PSO-D&P, §6592(b)
		Gin Pole Masts, Stationary or Portable	PSO-D&P, §6589
		Portable Cantilever Derricks & Masts	PSO-D&P, §6590
		Portable Jackknife Derricks & Masts	PSO-D&P, §6591
		Telescoping Derricks & Masts	PSO-D&P, §6591
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	End attachment	GISO, §4981
Control Equipments		GISO, §4975
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Hoist Trolley Frames		GISO, §4972
Hoisting Chains		GISO, §4980
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Hoisting Operations		GISO, §4985
Hoisting Ropes		GISO, §4980
Inspection Requirements		GISO, §5031
	Annual	GISO, §5021
	After Storage Period	GISO, §5031(e)
	Certification	GISO, §5031(c)
	Certification	GISO, §5031(d)
	Daily	GISO, §5031(b)
	Damaged Booms	GISO, §5035
	Every 4 years, Proof Load Testing	GISO, §5022
	Periodic, Minimum 4x per Year	GISO, §5031(c)
	Record keeping	GISO, §5031(c)(4)

	Reports			GISO, §5031(c)(4)
	Storage, After 1 Mount or More			GISO, §5031(e)
	Written Inspection Log			GISO, §5031(d)(3)
Limit Device				GISO, §4970
Load Handling				GISO, §4999
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	Certification of Hoisting Equipment			GISO, §3473
	Hooks, Slings, Bridles & Fittings			GISO, §3474
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	Driver Position, during loading			GISO, §4996
	Fire Extinguisher			GISO, §4997
	Floor-Operated Cranes			GISO, §5009
	Handling Loads			GISO, §4999
	High Voltage Lines, Accident Prevention			GISO, §5003
	Hoisting			GISO, §4994
	Limit Switches, testing			GISO, §5000
	Operator Certification, Mobile & Tower Cranes			GISO, §5006.1
	Operator Qualifications			GISO, §5006
	Operating Practices			GISO, §5008
	Outriggers, use of		See Outriggers, this Heading	
	Overhead Loads			GISO, §5002
	Refueling			GISO, §4998
	Riding loads Prohibited			GISO, §4995
	Rigging by Qualified Person (Rigger)			GISO, §4999(a)
	Side-boom Cranes, Subject to CSO			CSO, §1694
	Signal Requirements			GISO, §5001
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		Hand Signals, Boom Equipments		GISO, §5001, Plate I
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	Suspended Personnel Platform, Crane or Derrick			GISO, §5004(d)
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		Accident Avoidance, During Travel		GISO, §4991(a)
		Empty Hook, Block, Restraining / Securing During Travel		GISO, §4991(b)
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Sheaves				GISO, §4977
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			Basic Sling Configurations	GISO, §5049, Figure S-4
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			Basic Synthetic Web Sling Configuration	GISO, §5049, Figure S-6
	Alloy Steel Chain Slings			GISO, §5044
		Identifications / Markings		GISO, §5044(a)
		Heated / Heating of		GISO, §5044(f)
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		Wrought iron chain		GISO, §5049, Table S-2
		Single leg slings, plow steel grade rope w/fiber core		GISO, §5049, Table S-3
		Single leg slings, plow steel grade rope w/independent wire rope core		GISO, §5049, Table S-4

		Single leg slings, cable laid rope, mechanical splice only	GISO, §5049, Table S-5
		Single leg slings, braided rope	GISO, §5049, Table S-6
		2-leg and 3-leg bridle slings, plow steel grade rope w/fiber core	GISO, §5049, Table S-7
		2-leg and 3-leg bridle slings, plow steel grade rope w/wire rope core	GISO, §5049, Table S-8
		2-leg and 3-leg bridle slings, cable laid rope, mechanical splice only	GISO, §5049, Table S-9
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		Strand laid grommet, hand tucked	GISO, §5049, Table S-11
		Cable laid grommet hand tucked	GISO, §5049, Table S-12
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	Shackles		GISO, §5049(g)
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		Compliant with GISO, Articles 96 &101	SSO, §8379(a)
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	Synthetic Web Slings		GISO, §5048
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	Runway Conductor		ESO-LV, §2561.31
Energized Parts, Access			ESO-LV, §2561.3
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ANSI 10.4-1973		CSO, §1604
” ”		CSO, §1604.30
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	Leveling of, Use of Levelers		GISO, §3276(e)(7)
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	Maintenance of		GISO, §3276(e)(1)
	Outdoor Advertising Structures, used to Access		GISO, §3276(d)(4)
	Painting, Surface Coating of Ladders		GISO, §3276(e)(5)
	Placement of		GISO, §3276(e)(7)
	Securing of Ladders		GISO, §3276(e)(8) & (9)
	Selection of Access		GISO, §3276(d)
	Single Rail Ladders		
		Prohibition of Single Rail Ladders, Portable	GISO, §3276(d)
		Prohibition of Single Rail Ladders, Fixed Ladders	GISO, §3278(b)
	Sitting, Kneeling or Stepping on topcap, pail shelf or next lower step prohibited		GISO, §3276(e)(15)(E)
		Exception: Steps 18" Below Topcap	GISO, §3276(e)(15)(E), Note
	Step ladders		
		Construction Requirements	GISO, §3276(c)
		Definitions	GISO, §3276(b)
		Prohibited Use	GISO, §3276(e)(15)(E)-(F) & (16)
	Step stool (ladder type)		
		Definition	GISO, §3276(b)
		Design & Construction	GISO, §3276(c)(5)
		Scope	GISO, §3276(a)
	Top Support of Ladders		GISO, §3276(e)(8) & (9)
	Tying off / Securing of Ladders		GISO, §3276(e)(8) & (9)
	Wood Ladders, Painting Prohibition		GISO, §3276(e)(5)
Single Rail Ladders			
	Prohibition of Single Rail Ladders, Portable		GISO, §3276(d)
	Prohibition of Single Rail Ladders, Fixed Ladders		GISO, §3278(b)
Step ladders			GISO, §3276
Use of			GISO, §3276(e)
Window Cleaning Ladders			GISO, §3287
Wood Ladders - Portable			GISO, §3276
LADDERS, per MSO			MSO, §7040
Flexible, Construction of, Underground Use			MSO, §7043
Installations & Manways			MSO, §7044
Metal, Construction of, Underground Use			MSO, §7042
Wooden, Construction of, Underground Use			MSO, §7041
LADDERS, per SSO			
Side rail specifications			SSO, §8364(d)
Staging access			SSO, §8371
LADDERS, per TelSO			
Approved per Section 3206			TelSO, §8608
Fixed Ladders			TelSO, §8608
Man Holes, at Joint Power & Tele-com			TelSO, §8616(e)
Metal Ladders, Prohibition			TelSO, §8608(d)
	Manhole & Vault use, Exception		TelSO, §8608(d)
Painted Ladders, Prohibition			TelSO, §8608(e)
Pole & Tower Ladder Specifications			TelSO, §8608(a) & (b)
	Fixed Ladders, Approval		TelSO, §8608(b)(1)
LADDERS, per TSO			TSO, §8494
Chain, Rope or Wooden Extension Ladders			TSO, §8494(a)(1)
Platform Requirements			TSO, §8494(a)(4), (5), (6), (9)
LADDERS, PORTABLE			GISO, §3276
Access, Elevated Work Area			GISO, §3276(e)(10)
Access, Landing			GISO, §3276(e)(11)
Access, Outdoor Advertising Structures			GISO, §3276(d)(4)
Angle of Inclination			GISO, §3276(e)(9)
Application & Scope			GISO, §3276(a)
Cleaning of			GISO, §3276(e)(4)
Damaged Ladders			GISO, §3276(e)(3)
Definitions			GISO, §3276(b)
Design & Construction			GISO, §3276(c)
Duty Rating			GISO, §3276(d)(2)
Footing / Placement			GISO, §3276(e)(7)
Inspection of			GISO, §3276(e)(2)
Jack Scaffolding, used with			GISO, §3276(d)(3)
Leveling of, Use of Levelers			GISO, §3276(e)(7)
Loading of			GISO, §3276(e)(1)
Maintenance of			GISO, §3276(e)(1)
Outdoor Advertising Structures, used to Access			GISO, §3276(d)(4)
Painting, Surface Coating of Ladders			GISO, §3276(e)(5)
Placement of			GISO, §3276(e)(7)
Securing of Ladders			GISO, §3276(e)(8) & (9)
Selection of Access			GISO, §3276(d)
Single Rail Ladders, Definition			GISO, §3276(b)

	Prohibition of Single Rail Ladders		GISO, §3276(d)
Sitting, Kneeling or Stepping on topcap, pail shelf or next lower step prohibited			GISO, §3276(e)(15)(E)
	Exception: Steps 18" Below Topcap		GISO, §3276(e)(15)(E), Note
Step ladders			
	Construction Requirements		GISO, §3276(c)
	Definitions		GISO, §3276(b)
	Prohibited Use		GISO, §3276(e)(15)(E)-(F) & (16)
Step stool (ladder type)			
	Definition		GISO, §3276(b)
	Design & Construction		GISO, §3276(c)(5)
	Scope		GISO, §3276(a)
Top Support of Ladders			GISO, §3276(e)(8) & (9)
Tying off / Securing of Ladders			GISO, §3276(e)(8) & (9)
Wood Ladders, Painting Prohibition			GISO, §3276(e)(5)
LADDERS, SINGLE RAIL , Definition			GISO, §3276(b)
Prohibition of Single Rail Ladders, Portable			GISO, §3276(d)
Prohibition of Single Rail Ladders, Portable, in Construction Operations			CSO, §1675(d)
Prohibition of Single Rail Ladders, Fixed Ladders			GISO, §3278(b)
Prohibition of Single Rail Ladders, Fixed Ladders, in Construction Operations			CSO, §1675(c)
LADDER STANDS & TOWER SCAFFOLDS, Mobile			GISO, Article 23
	Definitions		GISO, §3621
	General Requirements		GISO, §3622
	Scope		GISO, §3620
Mobile Ladder Stand			GISO, §3627
Mobile Scaffolds			
	Tubular Welded Frame		GISO, §3623
	Tubular Welded Sectional Folding		GISO, §3624
	Tube & Coupler		GISO, §3625
Mobile Work Platform			GISO, §3626
LADDERS & STAIRWAYS, Use of			CSO, §1629
LADDERS, Window Cleaning			GISO, §3287
LADDERWAY,			
Floor Openings, Guarding of			GISO, §3212(a)(2)
Guardrail Openings for Ladderway access			GISO, §3210(d)
Ladderway Openings in Platforms			PSO-D&P, §6565
LADLING OPERATIONS, Die Casting			GISO, §4262
LAMP SCAFFOLDING / PARALLELS			GISO, §3247
LAMP-HOLDERS			
Live parts exposed to contact, prohibited			ESO-LV, §2510.4
Maximum voltage			ESO-LV, §2510.1
LAMPS			
Accessible			ESO-LV, §2510.3
Attachment Plugs (Caps)			ESO-LV, §2510.56
Cord Connectors			ESO-LV, §2510.56
	Non-Grounding Type		ESO-LV, §2510.58
Exposed to Live parts, Prohibited			ESO-LV, §2510.4
Film storage vaults			ESO-LV, §2553.51
Fixture Wires			ESO-LV, Article 50
	General Requirements		ESO-LV, §2505.2
	Over-current Protection		ESO-LV, §2505.12
	Uses Permitted		ESO-LV, §2505.10
	Uses Not Permitted		ESO-LV, §2505.11
Grounding Requirement			ESO-LV, §2395.45
Handle, Guards			ESO-LV, §2510.6
Infrared Lamp, Industrial Heating Appliances			ESO-LV, §2522.15
Live parts exposed to contact, prohibited			ESO-LV, §2510.4
Location of Lamps			ESO-LV, §2510.3
Maximum Voltage			ESO-LV, §2510.1
Portable Hand-lamps			ESO-LV, §2510.6
Receptacles			ESO-LV, §2510.7
	Attachment Plugs		ESO-LV, §2510.56(a)
	Grounding Type		ESO-LV, §2510.7(a)
	Lamp Holders, Screw Type		ESO-LV, §2510.8
	Non-Grounding Type		ESO-LV, §2510.58
	Non-Interchangeable		ESO-LV, §2510.56(b)
	Skirted Plugs		ESO-LV, §2510.7(b)
Spray Booths, Guarding In/Near			GISO, §5449(1)
Wet & Damp Locations			ESO-LV, §2510.5
LAMP SCAFFOLDS & PARALLELS			GISO, §3247
LANDSCAPING			
Control of Exposure, to from Dust, per §1530.1			GISO, §1530.1(a), Exception
Heat Illness Prevention, Outdoor			GISO, §3395
	Access to Drinking Water		GISO, §3395(c)
		Maintenance of	GISO, §3457(c)(3)
	Access to Shade		GISO, §3395(d)
		>80°, Shade Present	GISO, §3395(d)(1)
		≤80°, Shade Available	GISO, §3395(d)(2)

Acclimatization	Acclimatization		GISO, §3395(g)
	Agricultural Employees High Heat Procedures		GISO, §3395(e)(6)
	Agricultural Industry, Subject to Standard		GISO, §3395(a)(2)(A)
	Application & Scope		GISO, §3395(a)(2)
	Construction Industry, Subject to Standard		GISO, §3395(a)(2)(B)
	Definitions		GISO, §3395(b)
	Drinking Water, Access to		GISO, §3395(c)
		Maintenance of	GISO, §3457(c)(3)
Emergency Response Procedures			GISO, §3395(f)
	Heat Illness Prevention Plan		GISO, §3395(i)
	High-Heat Procedure		GISO, §3395(e)
	Landscaping Industry, Subject to Standard		GISO, §3395(a)(2)(C)
		Landscaping Defined	GISO, §3395(b)
	Oil & Gas Extraction Industry, Subject to Standard		GISO, §3395(a)(2)(D)
	Preventative Cool-down Rest Period, Permitted at all Times		GISO, §3395(d)(3)
	Provision of First Aid or Emergency Response		GISO, §3395(d)(4)
	Temperature Triggers		
		>80°, Shade Requirements	GISO, §3395(d)(1)
		≤80°, Shade Requirements	GISO, §3395(d)(2)
		≥95°, High-Heat Procedure	GISO, §3395(e)
	Training		GISO, §3395(h)
	Transportation of Agri-Products, Construction & other Heavy Materials,		
		Subject to Standard	GISO, §3395(a)(2)(E)
		Exception, Operators in Air-conditioned Vehicles	GISO, §3395(a)(2)(E)
Landscape Lighting			GISO, §2510.5(c)
Tractors, Industrial			GISO, §3563
LANNATE			
Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
LANYARDS, for workers			CSO, §1670
” ” ” ”			See also **FALL PROTECTION**
Breaking Strength Requirement			CSO, §1670(b)(3)
Defined			CSO, §1504
Free Fall Limits			CSO, §1670(b)(7), (8)
Labeling Requirement			CSO, §1670(k)
Ripstitch & deforming Lanyards			CSO, §1670(b)(8)
Self- Retracting			CSO, §1670(b)(7)
LASERS, NON-IONIZING RADIATION, Protection from, per TSO			TSO, §8416
LASERS, NON-IONIZING RADIATION, Protection from, per TelSO			
	Eye protection		TelSO, §8617
LASERS, NON-IONIZING RADIATION, Lasers, per CSO			CSO, §1801
Beam shutters or caps			CSO, §1801(e)
Eye protection			CSO, §1801(c)
Exposure Limits, Light intensity			CSO, §1801(j)
” ”	Microwave power densities		CSO, §1801(k)
Internal alignment lasers			CSO, §1801(f)
Labeling Requirement			CSO, §1801(e), (i)
Prohibition			CSO, §1801(g)-(h)
Proof of operator qualification			CSO, §1801(b)
Qualified & trained employees			CSO, §1801(a)
Trained & Qualified employees			CSO, §1801(a)
Warning signs & labels			CSO, §1801(d)
LASERS, NON-IONIZING RADIATION, Lasers, per CSO			
Eye Protection			GISO, §3382(e)
LATCH, SAFETY, Crane Hook			GISO, §5002
LATHES, Automatic			GISO, §4319
LATHES, Wood Working			
Automatic			GISO, §4319
Rotating Knife (Automatic)			GISO, §4319
Shoe Last Lathes			GISO, §4319
Spoke Lathes			GISO, §4319
LATH MILLS			LSSO, Article 17
Shingle Saws			LSSO, §6395
Bolter & Equalizer Saws			LSSO, §6397
Knee Bolter Saw			LSSO, §6398
Shingle Jointer			LSSO, §6399
Circular Shake Saws			LSSO, §6400
Lath & Shingle Mills			LSSO, §6401
Bolters & Lath Machines			LSSO, §6402
LAUNDRY & DRY CLEANING EQUIPMENT			GISO, Article 67
Boilers & Pressure Vessels			GISO, §4493
Drying Box / Cabinet			GISO, §4487
Drying Tumblers, End Loading			GISO, §4485
Extractors			GISO, §4482
Grounding, Electrical			See **ELECTRICAL GROUNDING**
Ironer			
	Body Type		GISO, §4490

	Flatwork Type	GISO, §4489
	Press Type	GISO, §4492
	Rotary –Body Type	GISO, §4491
Marking Machines		GISO, §4480
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Power Wringers		GISO, §4483
Pressure Vessels & Boilers		GISO, §4493
Shaker, Clothes Tumblers, Batch Type		GISO, §4486
Washing Machines		GISO, §4481
LAWN MOWERS, Power		GISO, §3563
	Application & Scope	GISO, §3563(a)
Controls, Momentary Contact Device		GISO, §4086
General Power Lawn Mower Requirements		GISO, §3563(b)
Electrical grounding		ESO-LV, §2395.45
Operator Training		GISO, §3563(e)
Prohibited Use of		GISO, §3563(d)
Rollover Protective Structures, ROPS		GISO, §3563(c)
Seatbelts, Installed		GISO, §3563(c)
Training		GISO, §3563(e)
LEAD, per CSO		CSO, §1532.1
Application		CSO, §1532.1(a)
	Appendices of	CSO, §1532.1(q)
Definitions for the purpose of §1532.1		CSO, §1532.1(b)
Change Rooms, Hygiene facilities, practices & regulated areas		CSO, §1532.1, Appx B
Communication of hazards		CSO, §1532.1
Employee information, training & certification		CSO, §1532.1(l)
Employee's Summary of Standard		CSO, §1532.1, Appx B
Exposure assessment		CSO, §1532.1(d)
Fit Testing, Respirator		CSO, §1532.1, Appx D
Housekeeping		CSO, §1532.1(h)
Hygiene facilities, practices & regulated areas		CSO, §1532.1(i)
Medical removal protection		CSO, §1532.1(k)
Medical surveillance		CSO, §1532.1(j)
	Guidelines	CSO, §1532.1, Appx C
Methods of compliance		CSO, §1532.1(e)
Monitoring		CSO, §1532.1(d)
	Exposure	CSO, §1532.1(d)(3)
	Frequency of	CSO, §1532.1(d)(6)
	Observation of	CSO, §1532.1(o)
Notification		CSO, §1532.1(p)
Observation of monitoring		CSO, §1532.1(o)
Permissible exposure limit		CSO, §1532.1(c)
Pre-Job Notification		CSO, §1532.1(p)
Protective work clothing & equipment		CSO, §1532.1(g)
Qualitative & Quantitative Fit Testing		CSO, §1532.1, Appx D
Record keeping		CSO, §1532.1(n)
Respiratory protection		CSO, §1532.1(f)
	Fit Testing	CSO, §1532.1, Appx D
Signs		CSO, §1532.1(m)
Substance Data Sheet		CSO, §1532.1, Appx A
LEAD, per GISO		GISO, §5198
Application/Scope		GISO, §5198(a)
	Appendices of	GISO, §5198(p)
	Definitions for the purpose of §5198	GISO, §5198(b)
Change Rooms, Hygiene facilities, practices & regulated areas		GISO, §5198(g), (i), &, Appx B
Employee information, training & certification		GISO, §5198(l)
Employee's Summary of Standard		GISO, §5198, Appx B
Exposure assessment		GISO, §5198(d)
Fit Testing, Respirator		GISO, §5198, Appx D
Housekeeping		GISO, §5198(h)
Hygiene facilities, practices & regulated areas		GISO, §5198(i)
Medical removal protection		GISO, §5198(k)
Medical surveillance		GISO, §5198(j)
	Guidelines	GISO, §5198, Appx C
Methods of compliance		GISO, §5198(e)
Monitoring		GISO, §5198(d)
	Exposure	GISO, §5198(d)(3)
	Frequency of	GISO, §5198(d)(6)
	Observation of	GISO, §5198(o)
Notification		GISO, §5198(p)
Observation of monitoring		GISO, §5198(o)
Record keeping		GISO, §5198 (n)
Permissible exposure limit		GISO, §5198(c)
Respiratory protection		GISO, §5198(f)
	Fit Testing	GISO, §5198, Appx D
Signs		GISO, §5198(m)
Substance Data Sheet		GISO, §5198, Appx A

LEAD, Work with, per TelSO			TelSO, §8609(d)
Eye Protection			TelSO, §8609(e)
Soldering Devices			TelSO, §8609(e)
Wiping Operations			TelSO, §8609(e)
Wiping Gloves			TelSO, §8609(e)
Cloths			TelSO, §8609(e)
LEAD CHROMATE			
Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
LEAD COMPOUNDS			
Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
LEAKAGE & SPILL CONTROL, per PSO-D&P			PSO-D&P, §6540
Isolation of			PSO-D&P, §6540(a)
Restricted Employee Access			PSO-D&P, §6540(a)
LEAKAGE & SPILL CONTROL, per PSO-R,T&H			PSO-R,T&H, §6851
Tubular Gage Glasses			PSO-R,T&H, §6852
LEAKS, Pipes Lines, Stopped, Blocked, Shielded			GISO, §3329(c)
LEAN-TO SCAFFOLDS, Prohibited			CSO, §1637(j)
Lean-to Scaffolds, Illustration			CSO, §1938, Appx B, Plate B-40
LEATHER & COMPOSITION GOODS MACHINES			GISO, Article 68
Clinking Machine			GISO, §4510
Dinking Machine			GISO, §4510
Embossing Machines			GISO, §4511
Fleshing Machine			GISO, §4520
	Special Types Fleshing Machines		GISO, §4521
Heel Compressing Machine			GISO, §4512
Hides, hair Removal from			GISO, §4519
Roll Type Machine			GISO, §4518
Skins, hair Removal from			GISO, §4519
Skiving Machine			GISO, §4513
Splitter (Stationary Drive)			GISO, §4514
Splitter (Band Knife)			GISO, §4515
Stripper (Class B)			GISO, §4516
Tanning Drums			GISO, §4517
Unhairing Hides & Skins			GISO, §4519
	Special Types Unhairing Machines		GISO, §4521
Whitening Machines			GISO, §4522
L.E.L., Lower Explosive Level, Flammable Vapors			GISO, §5416
LEVERS, Hand-Operated			GISO, §4210
LICE, Work Place Control of			GISO, §3362(f)
LICENSES			
Blaster, Explosives		See Cal/OSHA, Article 7	GISO, §5238(a)
Cranes & Derricks Certifiers		See Cal/OSHA, §344.60	
Drivers			
	Logging Trucks, Operating		LSSO, §6336(a)
	Farm labor vehicles, Operating		GISO, §3701(a)
	Transporting Employees		GISO, §3701(b)
LIFE JACKETS		See **LIFE PRESERVERS**	
LIFE LINES, per CSO			CSO, §1670
” ” ” ”		See also **FALL PROTECTION REQUIREMENTS**	
Anchorages			CSO, §1670(i)
Approval of			CSO, §1670(f)
Fall Arrest System, used in			CSO, §1670(b)
	Subjected to In-Service loading, Use Prohibited		CSO, §1670(h)
Fraying of Life Lines			CSO, §1670(j)
Horizontal Life Lines			CSO, §1670(d)(1), (2)
Horizontal Movement, Lanyard Sliding Attachment			CSO, §1670(g)
In-service Loading, prohibition on reuse			CSO, §1670(h)
Inspection of			CSO, §1670(d)(19)
Specifications			CSO, §1670(i)
Wire Rope Center, Lifelines w/			CSO, §1670(j)
LIFE LINES & SAFETY BELTS, per MSO			MSO, §6981
” ” ” ” ” ” ”		See also **FALL PROTECTION REQUIREMENTS**	
Damaged Life Lines			MSO, §6981(b)
Inspection of Life Lines			MSO, §6981(d)
Replacing Damaged Life Lines			MSO, §6981(c)
Safety Belts, Type Approval By Cal/OSHA			MSO, §6981(f)
Securing of Life Lines			MSO, §6981(e)
Size of Life Lines			MSO, §6981(b)
LIFE PRESERVERS, Control of Drowning Hazard per GISO			GISO, §3389
Approval of, Coast Guard			GISO, §3389(b)
Floating Cranes/Derrick operations, During			GISO, §4944
Life Rings			GISO, §3389
Maintenance and Inspection of			GISO, §3389(c)
Removal from Service when Damaged			GISO, §3389(c)
LIFE PRESERVERS, Control of Drowning Hazard per CSO			CSO, §1602

Drowning Danger		CSO, §1602(a)
Exception, w/ Fall Protection Measures		CSO, §1602(a)
Life lines, Tag lines		CSO, §1602(a)(3)
Lifesaving Boats		CSO, §1602(a)(3)
Personal Flotation Devices (PFD)		CSO, §1602(a)(1)
Ring Buoys		CSO, §1602(a)(2)
LIFE PRESERVERS, per MSO		MSO, §6980(a)
LIFESAVING BOATS, Work Over or Near Water		CSO, §1602
LIFE RINGS, per GISO		GISO, §3389
LIFTS		
Automotive Lift, Definition		GISO, §3541
	Air Tank, Working Pressure & Corrosion Protection	GISO, §3546
	Control Mechanism	GISO, §3544
	Descent Speed	GISO, §3549
	Design	GISO, §3542(a)-(c)
	Inspection, Operation, Maintenance	GISO, §3542(d)
	Marking / Labeling Requirements	GISO, §3543
	Oil Measurement	GISO, §3545
	Oil Tank, Working Pressure & Corrosion Protection	GISO, §3546
	Working Area, Under Lift	GISO, §3547
	Supports, Chassis & Axle	GISO, §3548
Forklifts		See **FORKLIFTS**
Scissor Lifts		GISO, §3642
Special Access Lifts		See under **ELEVATORS**
LIFTING		
Safe Method		SSO, §8381(a)
Proper Method, Illustration		CSO, §1938, Appx C, Plate C-12
Training in Proper Method		GISO, §4402(a)
LIFT TRUCKS, High, Use in Structural Wood Construction		CSO, §1716.1(d)
LIFT-SLAB CONSTRUCTION OPERATIONS		CSO, §1722.1
LIFTS, SURFACE		See under **PASSENGER TRAMWAY SAFETY ORDERS**
LIGHT COMMERCIAL CONSTRUCTION		CSO, §1716.2
LIGHT CURTAINS		GISO, §4208.1
LIGHT GAGE, Steel Framing		CSO, §1716.2
LIGHTERS & MATCHES, Use Restriction, per PSO-R, T&H		PSO-R,T&H, §6772
LIGHTING, Construction Area, Ramps, Offices, Shops, etc.		CSO, §1523(a)
LIGHTING, Electrical Fixtures, Lamps & Receptacles		ESO-LV, Article 51
Attachment Plugs (Caps)		ESO-LV, §2510.56
Cord Connectors		ESO-LV, §2510.56
	Non-Grounding Type	ESO-LV, §2510.58
Fixture Wires		ESO-LV, Article 50
	General Requirements	ESO-LV, §2505.2
	Over-current Protection	ESO-LV, §2505.12
	Uses Permitted	ESO-LV, §2505.10
	Uses Not Permitted	ESO-LV, §2505.11
Live Parts		ESO-LV, §2510.4
Location of Lamps		ESO-LV, §2510.3
Maximum Voltage		ESO-LV, §2510.1
Portable Hand-lamps		ESO-LV, §2510.6
Receptacles		ESO-LV, §2510.7
	Attachment Plugs	ESO-LV, §2510.56(a)
	Grounding Type	ESO-LV, §2510.7(a)
	Lamp Holders, Screw Type	ESO-LV, §2510.8
	Non-Grounding Type	ESO-LV, §2510.58
	Non-Interchangeable	ESO-LV, §2510.56(b)
	Skirted Plugs	ESO-LV, §2510.7(b)
Wet & Damp Locations		ESO-LV, §2510.5
LIGHTING / ILLUMINATION, per GISO		GISO, §3317
Exits		GISO, §3215(e)
Exit Sign		GISO, §3216(c)
Skylight used as Lighting		GISO, §3317(c)
Stairway Lighting		GISO, §3317
Work Area Lighting		GISO, §3317
LIGHTING / ILLUMINATION, during Nighttime, per LSSO		LSSO, §6267
LIGHTING / ILLUMINATION, per MSO		
	Surface Mining	MSO, §6992
	Underground Mining	MSO, §6993
ILLUMINATION / LIGHTING, per PSO-R,T&H		PSO-R,T&H, §6800
ILLUMINATION / LIGHTING, per PSO-D&P		PSO-D&P, §6657
ILLUMINATION / LIGHTING, per TelSO		TelSO, §8602(a)
Field Work, for		TelSO, §8602(a)(2)
Telecom Center, in		TelSO, §8602(a)(1)
Special Tasks, Lighting For		TelSO, §8602(a)(1)
LIGHTING / ILLUMINATION, per TSO		TSO, §8415
LIGHTNING ROD		See **LIGHTNING ARRESTERS**
LIGHTNING ARRESTERS		ESO-HV, Article 31
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Flammable Atmospheres				ESO-HV, §2900
Grounding, Effective				ESO-HV, §2903
Identification / Nameplate				ESO-HV, §2904
Irrigation Machines, Agricultural Operations, Lightning Protection				ESO-LV, §2568.15
Metal frame of building as electrodes				ESO-LV, §2395.82
Prohibition for Use as Grounding Electrode				ESO-LV, §2395.86
LIGHTNING STORMS, Work Stoppage				TelSO, §8602(i)
LIME, Spontaneous Combustion of				PSO-D&P, §6522(b)
LINE CLEARANCE OPERATIONS, High Voltage Lines				
Tree Trimming Operations				ESO-HV, §2951
	Application of Article 38			ESO-HV, §2950
	Minimum Approach Distances			ESO-HV, §2950(b), Table 1
LINDANE				
Airborne Contaminant, Exposure limit				GISO, §5155, & Appx A
Listed, Permissible Exposure Limits				GISO, §5155, Table AC-1
LINEMEN'S BODY BELTS & LANYARDS				ESO-HV, §2940.6(c)
LINE SPOOLERS & Deadline Stabilizers				PSO-D&P, §6688
LINES, Used on Catheads				PSO-D&P, §6644
Chain Used for Spinning Lines				PSO-D&P, §6645
Weight Indicators for Wire Rope Hoisting Lines				PSO-D&P, §6690
LIQUID OXYGEN				GISO, §4837
LIQUIDS, COMBUSTIBLE				CSO, §1930
LIQUIDS, Deteriorating Agents				
Electrical Equipment Use Prohibited when not Approved for				ESO-LV, §2340.11(a)
LIQUIDS, Flammable			See **FLAMMABLE LIQUIDS, GASES & VAPORS**	
LIQUIDS, Heating & Agitation of Liquids in Tanks				PSO-D&P, §6544
LIQUIDS, Loading & Unloading Operations				PSO-D&P, §6651
Loading & Unloading Platforms				PSO-D&P, §6652
Wharves & Piers, at				PSO-D&P, §6659
LIQUID SULFUR				
Pulp paper and Paperboard Mills				GISO, §4414
LIQUEFIED HYDROGEN SYSTEMS			See **HYDROGEN**	
LIQUEFIED NATURAL GAS (LNG) SYSTEMS				UFPV, Article 7
Alterations to Tanks, Piping & Vaporizers				UFPV, §526
Approval of Devices				UFPV, §530
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	Transfer Operations			UFPV, §528(a)(7)
Contaminants, Minimizing				UFPV, §527(a)
Charging/Filling of Tanks				
	CNG			UFPV, §528(b)
	LNG			UFPV, §528(c)
Control of Products				UFPV, §527
Cylinders				
	Contaminants minimizing			UFPV, §527(a)
	Motor fuel			UFPV, §544
	Warning signs			UFPV, §542
Design & Construction				
	Cylinder, CNG, per DOT Specifications			UFPV, §456
		Compressed & Liquefied		UFPV, §524
	Tank, CNG & LNG			UFPV, §455
		Compressed & Liquefied		UFPV, §523
	Vaporizers, LNG			UFPV, §457
		Compressed & Liquefied		UFPV, §525
Devices, Approval of				UFPV, §530
Filling of Tanks				
	CNG			UFPV, §528(b)
	LNG			UFPV, §528(c)
Gauging Devices for LNG				UFPV, §529
Hydrogen Sulfide, Contaminants minimizing				UFPV, §527(a)
Monitoring during LNG delivery				UFPV, §527(c)
Odorizing of LNG				UFPV, §527(b)
Piping				
	Alterations to			UFPV, §526(a)
	Inspection before returned to service			UFPV, §526(c)
	Repairs to			UFPV, §526(a)
Prohibitions				
	Safe practice Violations			UFPV, §560
Repairs to Tanks, Piping & Vaporizers				UFPV, §526
Safe practices				UFPV, §560
Skid tanks				UFPV, §534
Smoking Prohibition, Transfer Operation				UFPV, §528(a)
Storage tanks				UFPV, §531
Storage within buildings for certain purposes				UFPV, §543
Tanks			See also **TANKS**	
	Alterations to			UFPV, §526(a)
	Inspection before returned to service			UFPV, §526(c)

	Repairs to		UFPV, §526(a)
Transfer, Operation & Maintenance			UFPV, §528
	Attendant Requirement		UFPV, §528(a)(5)
	Clearances from Objects		UFPV, §528(a)(6)
	Smoking Prohibition		UFPV, §528(a)(2)
	Venting		UFPV, §528(a)(1)
Transportation tanks			UFPV, §535
Trap tanks			UFPV, §478
Vaporization, within Buildings			UFPV, §543
Vaporizer Installation			UFPV, §484
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	Construction		UFPV, §457
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	Installation		UFPV, §540
	Repairs to		UFPV, §526(a)
Water, Contaminants minimizing			UFPV, §527(a)
LIQUEFIED PETROLEUM GAS (LPG), per CSO			
Containers, repairs and alterations			CSO, §1937
LIQUEFIED PETROLEUM GAS (LPG) SYSTEMS			UFPV, Article 5
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Appliance, Approved			UFPVSO, §474(a)
Electrical wiring/Equipment			UFPV, §474(d)
Bulk Delivery Vehicles			UFPV, §478
Caps & Plugs			UFPV, §472(b)
Charging LP Gas Containers			UFPV, §472
Compressed Air, Use during Transfer			UFPV, §472(a)
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Dip Stick/Pipe			UFPV, §473
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Inspection Fees			UFPV, §488
Installation of			
	Above Ground Systems		UFPV, §477(a)
	Mounded Tanks		UFPV, §477(b)
	Partially Mounded Tanks Prohibited		UFPV, §477(d)
	Partially Underground Tanks Prohibited		UFPV, §477(d)
	Underground Tanks		UFPV, §477(c)
	Placement, Clearances		UFPV, §475
Location of Storage Containers			UFPV, §475
LP-Gas Fired Space Heaters			CSO, §1706
Odorizing Requirement			UFPV, §471(a)
Partially Mounded Tanks Prohibited			UFPV, §477(d)
Partially Underground Tanks Prohibited			UFPV, §477(d)
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Permission to Install Requirement			
	Mounded Tanks		UFPV, §477(b)
	Underground Tanks		UFPV, §477(c)
	Tanks Over 2000 Gallons, per NFPA 58		
Pipes & Fittings exceeding 20 PSI			UFPV, §480
Prohibited Use			
	Rooftop Installations		UFPV, §475
	Compressed Air, During Transfer		UFPV, §472(a)
	Compressed Air Tools / Equipment		UFPV, §474(b)
	Structural Support for Heaters		UFPV, §474(a)
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Self-service dispensing Requirements			UFPV, §472(c)
Skid Tanks			UFPV, §478
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Truck & Trailer mounted Tanks/Containers			UFPV, §478(b)
Vaporizer Installation			UFPV, §484
Warning Signs			UFPV, §489
LIQUEFIED PETROLEUM GAS, Containers, per TelSO			TelSO, §8602(f)
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LITHIUM HYDRIDE			
Exposure limits			GISO, §5155, & Appx A
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LITHIUM STEARATE			
Exposure limits			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
LITHOGRAPHIC PRESSES			GISO, §4441
LITTER, Basket Litter			CSO, §1512(h)
LIVE BOATING			GISO, §6056(c)
General Requirements			GISO, §6056(c)(1)

Limits	GISO, §6056(c)(2)
Procedures	GISO, §6056(c)(3)
LIVE ELECTRICAL PARTS	
Guarding of	ESO-LV, §2340.17
Lamps, Fixtures, Lamp holders, Receptacles	ESO-LV, §2510.4
LIVE LINE TOOLS, for working on Energized Power Lines	ESO-HV, §2940.6(e)
LIVE LOAD, Buildings / Structures	GISO, §3241
LIVE SKYLINE, Shotgun or Flyer System, Logging, Illustration	LSSO, §6402, Appx A
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LIVE SKYLINE, with Mechanical Carriage, Logging, Illustration	LSSO, §6402, Appx A
Carriage Detail, Illustration	LSSO, §6402, Appx A
LIVE STEAM & AIR HOSES	GISO, §3300
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Live load on Floors, Platforms	GISO, §3241
Marking, Crane	GISO, §4907(a)
Overhead	GISO, §5002
Scaffolding	CSO, §1637(b)(3)
Securing	GISO, §3704
Storage Racks	GISO, §3241(a)
Suspended	GISO, §5002
Rating Chart, Cranes	GISO, §4994(e)
Riding	GISO, §3703
Size of, Crane Operations	GISO, §4999(b)
Scaffolding, Posting of Intended Working Load at Jobsite	CSO, §1637(b)(6)
LOAD LIMIT	
Aerial Devices	GISO, §3648(f)
Floor	CSO, §1549(f)
Jacks, Marking of	GISO, §3562(a)
Storage Space	GISO, §3241(a)
Scaffolding, Loading in excess of Intended Working Load Prohibited	CSO, §1637(b)(3)
LOADERS	See **HAULAGE EQUIPMENT**
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Loading Dock Operations	GISO, §3336
Dock Plates	GISO, §3337
Loading Ramps	GISO, §3337
Loading & Unloading Platforms & Operations, w/ Forklifts	GISO, §3650(t)
Loading & Unloading Operations, Liquids, per PSO-R, D&P	PSO-D&P, §6651
Loading & Unloading Platforms	PSO-D&P, §6652
Wharves & Piers, at	PSO-D&P, §6659
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High-Vapor Pressure Hydrocarbons	PSO-R,T&H, §6881
Loading Platforms	PSO-R,T&H, §6879
Loading & Unloading Operations	PSO-R,T&H, §6880
Wharves & Piers	PSO-R,T&H, §6891
LOADING DEVICES, & Cranes, per MSO	MSO, §7012
LOADING, Hauling & Dumping, per MSO	MSO, §7010
Parts Subject to Wear	MSO, §7011
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Electrical, Power Poles, Unloading of Poles	ESO-HV, §2940.8(a)
Flammable Liquids, at Oil/Gas Well sites	PSO-D&P, §6651(a)
Forklift Operations, Loading & Unloading Platforms	GISO, §3650(t)
Trailers, Securing during forklifts Operations	GISO, §3650(j)
Vehicles, Securing during forklifts Operations	GISO, §3650(t)(22)
Loading Dock Operations	GISO, §3336
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Loading Ramps	GISO, §3337
Logging Operations, Restraining Device, Use of during Unloading	LSSO, §6340(g)
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Liquids, Loading & Unloading Operations	PSO-D&P, §6651
Loading & Unloading Platforms	PSO-D&P, §6652
Wharves & Piers, at	PSO-D&P, §6659
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Loading Platforms	PSO-R,T&H, §6879
Loading & Unloading Operations	PSO-R,T&H, §6880
Wharves & Piers	PSO-R,T&H, §6891
Pile Driving Operations, Unloading Piles	CSO, §1601
Tank Vehicle Tank Car Loading & Unloading	GISO, §5547
Plants, Bulk, Flammable / Combustible Liquids Loading & Unloading	GISO, §5619
Plants, Industrial, Tank Vehicle Tank Car Loading & Unloading	GISO, §5547
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Tank Vehicle Tank Car Loading & Unloading	GISO, §5558
Powder-Actuated Tools, Unloading, when not in-use	CSO, §1691(h)
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Compressed gases	UFPV, §560
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High-Vapor Pressure Hydrocarbons	PSO-R,T&H, §6881

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	Loading & Unloading Operations		PSO-R,T&H, §6880
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Vehicles, Securing during forklifts Operations			GISO, §3650(t)(22)
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Testing Procedure			TelSO, §8613(b)
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LOCATION, SAFE, of Machines or Equipment			GISO, §3273(i)
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Electrical Panels, Prohibition			ESO-LV, §2340.16
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During Repair of Haulage & Earth Moving Equipment			CSO, §1595(a)
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	Tags		GISO, §3314(e)
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	Padlocks / seals		GISO, §3314(e)
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Cleaning, Servicing and adjusting operation			GISO, §3314(c)
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M

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	Parts Subject to Wear		MSO, §7011
Hazardous Materials Labeling			MSO, §6982(c)
Hazardous Materials Storage, Handling			MSO, §6982(b)
Heating Devices, Underground, Fire Prevention			MSO, §7061
Hoists & Hoisting Practices			See **MINING OPERATIONS**, Hoisting Equipment & Cranes
Hydraulic Monitor			MSO, §6998
Illumination			
	Surface Mining		MSO, §6992
	Underground Mining		MSO, §6993
Industrial Railroads			MSO, §7023
Injured Personnel,			
	Care of		MSO, §6969(f)
	Transportation of		MSO, §6969(i)
Inspection			
	Daily Inspections		MSO, §7160
	Face Inspection		MSO, §6988
	Fall Protection, Life Lines		MSO, §6981(d)
	Monthly Inspections		MSO, §7162
	Pre-work Safety Inspection		MSO, §6973(d)
	Shaft Inspections		MSO, §7161
Intoxication Prohibited			MSO, §6973(c)
Ladders			MSO, §7040
	Flexible, Construction of, Underground Use		MSO, §7043
	Installations & Manways		MSO, §7044
	Metal, Construction of, Underground Use		MSO, §7042
	Wooden, Construction of, Underground Use		MSO, §7041
Loading, Hauling & Dumping, General Requirements			MSO, §7010
	Parts Subject to Wear		MSO, §7011
Lubricants, Storage & Handling			MSO, §7065
Manways, Stairways & Runways			MSO, §7044

Materials Storage & Handling			MSO, §6982
	According to GISO Requirements		MSO, §6982(a)
	Compressed Gas & Liquid Cylinders Storage		MSO, §6982(d)
		Valves Protection Requirement	MSO, §6982(e)
	Cranes & Hoisting Equipment		MSO, §6982(g)
	Hazardous Materials Labeling		MSO, §6982(c)
	Hazardous Materials Storage, Handling		MSO, §6982(b)
	Riding on Suspended Load / Hooks Prohibited		MSO, §6982(h)
		Exception to this Prohibition	MSO, §6982(h)
	Suspended Load, Staying Clear of		MSO, §6982(f)
Mechanical Haulage Refuge Stations			MSO, §7026
Mine Entry, Checklist			MSO, §6974
Mine Exit Protections			MSO, §7057
Mine Housekeeping			MSO, §7062
Number of Workers, Solitary Employment Prohibition			MSO, §6973(g), (k)
Openings, Winzes & Raises			MSO, §7051
Ore Passes & Chutes			MSO, §7052
Overburden			MSO, §6986
Pit Bank or Face, Free from Loose Material			MSO, §6984
Power Shut-off, Underground Machinery			MSO, §7001
Private Roads, Construction, Maintenance			MSO, §7014
Radiation Hazards, Underground			MSO, §7091
Raises, Winzes & Openings			MSO, §7051
Refuge Stations			MSO, §7081
	Refuge Stations along Haulageway		MSO, §7026
Respiratory Protection, General			MSO, §7090(e)
	Respiratory Protection, Dangerous Accumulations in Mines		MSO, §7102(e)
	Rescue Breathing Apparatus		MSO, §7084)
		Use of	MSO, §7086)
Riding on Suspended Load / Hooks Prohibited			MSO, §6982(h)
	Exception to this Prohibition		MSO, §6982(h)
Runways, Manways & Stairways			MSO, §7044
Safe Worksite, Requirement			MSO, §6973(a), (b)
Safety Bulletin Board Requirements			MSO, §6962
Shafts, Mine			MSO, Article 35
	Deepening an Operating Shaft		MSO, §7114
	Hoisting Equipment		See **MINING OPERATIONS**, Hoisting Equipment & Cranes
	Hoisting While Sinking or Enlarging Shaft		MSO, §7116
	Inspections of		MSO, §7161
	Manway Compartment		MSO, §7117
	Protection Against Falling Materials		MSO, §7113
	Shaft Guarding		MSO, §7110
	Shaft Safety Pillars		MSO, §7118
	Shaft Work, Maintenance & Repair, General		MSO, §7111
	Shaft Work, Major Repair		MSO, §7112
	Special Power-Driven Shaft Equipment		MSO, §7115
Smoke & Gases, Control of			
	After Blasting		MSO, §7095
	After Secondary Blasting		MSO, §7096
Solitary Employment Prohibition			MSO, §6973(g), (k)
	Exception, With Communication or Visual		MSO, §6973(g)
Stairways, Manways & Runways			MSO, §7044
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Tirnbering, Underground			MSO, §6990
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		Underground Transportation of Personnel	MSO, §7038
	Code, Signals for Hoisting Operations		MSO, §7141
	Conveyance Specifications, Inclined Shaft		MSO, §7133
	Conveyance Specifications, Vertical Shaft		MSO, §7132
	First-Class Hoist Required		MSO, §7125
		First-Class Hoist Specifications	MSO, §7126
	Employee Transport, General		MSO, §7037
		Underground Transport of Employees	MSO, §7038
	Material & Tool Transport, Shaft Conveyance		MSO, §7148
	Hoisting Personnel, General Practices		MSO, §7147
		Loading Personnel on Conveyance	MSO, §7146
		Tool & Material Hoisting	MSO, §7148
	Material Hoist use prohibition		MSO, §7121(a)
	Signals for Hoisting Operations		MSO, §7141
Travelways, General			MSO, §7046
Underground Storage			
	Combustible Liquids & Gases		MSO, §7064
	Fuels, Lubricants & Rope Dressing		MSO, §7065
Water, Protection Against			MSO, Article 45
	Retaining Dams		MSO, §7175
	Underground Protection		MSO, §7176

Winzes, Raises & Openings — MSO, §7051
Worker Protection at the Face — MSO, §6989
Working Platforms — MSO, §7048
Working Space for Machine Operators, Underground — MSO, §7000

MINING OPERATIONS, Equipment
Aerial Tramway, General — MSO, §7035
Air Hose Requirements — MSO, §6997
Belt Conveyors in Mines — MSO, §7032
Bin, Bunkers, Other Storage Containers, Entry into — MSO, §6981(a)
Boilers & Pressure Vessels — MSO, §6996
Chutes & Ore Passes — MSO, §7052
Conveyors, General Requirements — MSO, §7030
Belt Conveyors in Mines — MSO, §7032
Conveyor Passage — MSO, §7031
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Cranes & Loading Devices — MSO, §7012
Surface Operations — MSO, §6976
Showers — MSO, §6976(a)
Underground Mines — MSO, §6977
Showers — MSO, §6977(c)
Diesel Engines
Fueling of Diesel Engines, Underground — MSO, §7071
Permitted Use of Diesel Engines, Underground — MSO, §7070
Prohibition of Engine Near Mine Opening — MSO, §7068
Prohibition of Engines Underground — MSO, §7069
Draglines, Parts Subject to Wear — MSO, §7011
Draglines, Shovels & Loading Devices — MSO, §7012
Electrical Equipment & Practices — MSO, Article 47
" " " " " — See **MINING OPERATIONS**, Electrical Installations
Cables, Trailing Electrical Power Cables, General — MSO, §7181
Maintenance & Repair of — MSO, §7182
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Fueling of Diesel Engines, Underground — MSO, §7071
Permitted Use of Diesel Engines, Underground — MSO, §7070
Prohibition of Engine Near Mine Opening — MSO, §7068
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Fire Doors & Fire Bulkheads — MSO, §7058
Fire Fighting Equipment — MSO, §7063
Haulage Vehicle, Construction & Maintenance — MSO, §7016
Canopy Guard — MSO, §7020
Haulage Vehicle, Definition — MSO, §7015
Haulage Equipment, Trackless & Practices — MSO, §7018
Haulage Vehicle Operation Procedure — MSO, §7021
Heating Devices, Underground, Fire Prevention — MSO, §7061
Hoisting Equipment — See **MINING OPERATIONS**, Hoisting Equipment, Use of
Hoisting Equipment, Parts Subject to Wear — MSO, §7011
Industrial Railroads — MSO, §7023
Internal Combustion Engines Prohibited — MSO, §7069
Fueling of Diesel Engines, Underground — MSO, §7071
Permitted Use of Diesel Engines, Underground — MSO, §7070
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Metal, Construction of, Underground Use — MSO, §7042
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Trackless Mine Haulage Equipment & Practices — MSO, §7018
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Tramway, Aerial — MSO, §7035
Underground Machines, Power Shutoff — MSO, §7001
Working Platforms — MSO, §7048(a)
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MINING OPERATIONS, Haulage Vehicles
Canopy Guard — MSO, §7020
Construction & Maintenance — MSO, §7016
Definition of Haulage Vehicle — MSO, §7015
Hauling, Loading & Dumping, General Requirements — MSO, §7010
Haulage Vehicle Operation Procedure — MSO, §7021
Parts Subject to Wear — MSO, §7011

MINING OPERATIONS, Hoisting Equipment & Cranes
Cranes & Hoisting Equipment — MSO, §6982(g)
Cranes & Loading Devices — MSO, §7012
Surface Operations — MSO, §6976
Underground Mines — MSO, §6977
Design of Headframes — MSO, §7128
First-Class Hoists — MSO, §7126
Hoist for Hoisting Personnel — MSO, §7125
Hoist Signal System — MSO, §7139
Dual Signaling System — MSO, §7140
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Method of Attaching to Conveyance — MSO, §7138
Safety Hook — MSO, §7138(a)
Hoisting Equipment for Materials — MSO, §7120
Power-Driven Material Hoist — MSO, §7121
Hoisting Practices — MSO, Article 37
Hoisting Personnel, General — MSO, §7147
Hoisting Tools & Materials — MSO, §7148
Hoistmen, Qualified — MSO, §7150
Hoistmen Required on Duty — MSO, §7149
Loading Personnel on Conveyance — MSO, §7146
Hoisting Ropes
Maintenance of Hoisting Rope — MSO, §7136
Method of Attaching to Conveyance — MSO, §7137
Safety Factor & Inspections — MSO, §7135
Hoisting Signal Code — MSO, §7141
Hoists — MSO, §7123
Hoists at Shafts with 1 Exit — MSO, §7124
Lubricating Sheaves, Rollers & Hoisting Equipment — MSO, §7143
Parts Subject to Wear — MSO, §7011
Personnel Conveyances in Inclined Shaft — MSO, §7133
Personnel Conveyances in Vertical Shaft — MSO, §7132
Personnel Hoisting — MSO, §7125
Shaft Conveyances, General — MSO, §7129
Shaft Guides — MSO, §7130
Shaft Tracks — MSO, §7131
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MINING OPERATIONS, Surface Mining
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Showers — MSO, §6976(a)
Conveyors, General Requirements — MSO, §7030
Conveyor Passage — MSO, §7031
Drilling Operations — MSO, §7005
Electrical Requirements — See **MINES**, Electrical Installations
Ground Control — MSO, Article 12
Excavations of Sand, Gravel & Similar Material — MSO, §6985
Face Inspection & Control — MSO, §6988
Floors of Pits & Quarries — MSO, §6987
Overburden — MSO, §6986
Pit Bank or Face, Free from Loose Material — MSO, §6984
Worker Protection at the Face — MSO, §6989
Illumination — MSO, §6992

MINING OPERATIONS, Underground
Air Borne Contaminants & Environmental Controls
Dust Control
Dust, Smoke & Gases after Blasting — MSO, §7095
Dust, Smoke & Gases, Secondary Blasting — MSO, §7096
Mechanical Ventilation — MSO, §7099
Mine Ventilation — MSO, §7098
Mucking & Transferring Rock — MSO, §7094
Rock Drilling Requirements — MSO, §7093

		While Drilling	MSO, §7092
	Environmental Controls		MSO, §7090
	Radiation Hazards, Underground		MSO, §7091
Bearing Sets			MSO, §6991
Change Rooms			MSO, §6977
	Showers		MSO, §6977(c)
Chutes & Ore Passes			MSO, §7052
Conditions, Unsafe			MSO, §6965
Conveyors, General Requirements			MSO, §7030
	Belt Conveyors in Mines		MSO, §7032
	Conveyor Passage		MSO, §7031
Drilling Operations			
	Drilling holes, prohibition		MSO, §7005(c)
	General Requirements		MSO, §7005(a)
	Iron or steel hammers, design requirements		MSO, §7005(b)
	Jumbos, Construction & Use		MSO, §7007
	Underground Mining Operations		MSO, §7006
Electrical Requirements			See **MINES**, Electrical Installations
Emergency Alarm System, Underground			MSO, §7075
Emergency Plan			MSO, §7074
	Emergency Alarm System		MSO, §7075
	Emergency Telephone		MSO, §7165
	Escapeways & Refuge Stations		MSO, §7080
	Fire & Safety Diagram		MSO, §7076
	Maps		MSO, §7077
	Mine Rescue Equipment & Supplies		MSO, §7084
		Use of Rescue Equipment	MSO, §7086
	Mine Rescue Stations		MSO, §7083
	Mine Rescue Training & Procedure		MSO, §7085
	Refuge Stations		MSO, §7081
Engines, Internal Combustion			MSO, Article 25
	Fueling of Diesel Engines, Underground		MSO, §7071
	Permitted Use of Diesel Engines, Underground		MSO, §7070
	Prohibition of Engine Near Mine Opening		MSO, §7068
	Prohibition of Engines Underground		MSO, §7069
Escapeways & Refuge Stations			MSO, §7080
Fire & Safety Diagram			MSO, §7076
Gassy Mine Operations			MSO, §7106
	Dangerous Accumulations in Mines		MSO, §7102
	Gassy Mine Classification		MSO, §7103
	Gassy Mine Operation		MSO, §7106
	Mechanical & Electrical Equipment for		MSO, §7105
	Tests for Gases in Mines		MSO, §7104
Ground Control			MSO, Article 12
	Bearing Sets		MSO, §6991
	Tirnbering, Underground		MSO, §6990
Illumination			MSO, §6993
Incident Reporting to the Division, per MSO			MSO, §6960(a)
	Accident that increases Mining hazards		MSO, §6960(a)(10)
	Accumulation of gas		MSO, §6960(a)(2)
	Approaching Mine working w/ Gas or Water		MSO, §6960(a)(6)
	Crushing of Active Mine Workings		MSO, §6960(a)(7)
	Fatality		MSO, §6960(a)(9)
	Fire		MSO, §6960(a)(1)
	Ground Instability		MSO, §6960(a)(8)
	Hoisting Equipment Breakage		MSO, §6960(a)(3)
	Injury, Serious		MSO, §6960(a)(9)
	Inrush of Water, Serious		MSO, §6960(a)(5)
	Overwinding, Hoisting Equipment		MSO, §6960(a)(4)
Ladders			MSO, §7040
	Flexible, Construction of, Underground Use		MSO, §7043
	Installations & Manways		MSO, §7044
	Metal, Construction of, Underground Use		MSO, §7042
	Wooden, Construction of, Underground Use		MSO, §7041
Maps			MSO, §7077
Mine Haulage Equipment, Trackless & Practices			MSO, §7018
Mine Rescue Equipment & Supplies			MSO, §7084
	Use of Rescue Equipment		MSO, §7086
Mine Rescue Stations			MSO, §7083
Mine Rescue Training & Procedure			MSO, §7085
Mine Trains, Equipment & Practice, General			MSO, §7024
Mine Trains, Equipment & Practice, Underground			MSO, §7025
Openings, Winzes & Raises			MSO, §7051
Ore Passes & Chutes			MSO, §7052
Power Shut-off, Underground Machinery			MSO, §7001
Radiation Hazards, Underground			MSO, §7091
Raises, Winzes & Openings			MSO, §7051

Refuge Stations		MSO, §7081
Refuge Stations, Mechanical Haulage		MSO, §7026
Safety Representatives Requirement		MSO, §6967
Shafts, Mine		MSO, Article 35
	Deepening an Operating Shaft	MSO, §7114
	Hoisting Equipment	See **MINING OPERATIONS**, Hoisting Equipment, Use of
	Hoisting While Sinking or Enlarging Shaft	MSO, §7116
	Inspections of	MSO, §7161
	Manway Compartment	MSO, §7117
	Protection Against Falling Materials	MSO, §7113
	Shaft Guarding	MSO, §7110
	Shaft Safety Pillars	MSO, §7118
	Shaft Work, Maintenance & Repair, General	MSO, §7111
	Shaft Work, Major Repair	MSO, §7112
	Special Power-Driven Shaft Equipment	MSO, §7115
Stopes, Underground		MSO, §7050
Tirnbering		MSO, §6990
Trackless Mine Haulage Equipment & Practices		MSO, §7018
Transportation of Workers, General		MSO, §7037
Transportation of Workers, Underground		MSO, §7038
Underground Machines, Power Shutoff		MSO, §7001
Underground Storage		
	Combustible Liquids & Gases	MSO, §7064
	Fuels, Lubricants & Rope Dressing	MSO, §7065
Ventilation		MSO, §7098
	Mechanical Ventilation	MSO, §7099
Water, Protection Against		MSO, Article 45
	Retaining Dams	MSO, §7175
	Underground Protection	MSO, §7176
Winzes, Raises & Openings		MSO, §7051
Worker Protection at the Face		MSO, §6989
Working Platforms		MSO, §7048
Working Space for Machine Operators, Underground		MSO, §7000
MINING ROADS, Construction and maintenance		MSO, §7014
MISTS, Control of Hazards		See **DUSTS, FUMES, MISTS, VAPORS & GASES**
MISTS, Control of Dangerous, per PSO-R,T&H		PSO-R,T&H, §6788
MITER SAWS, Woodworking		GISO, §4307.1
MIXERS, Cement		See **HAULAGE EQUIPMENT**
MIXERS, Concrete		CSO, §1698(a)
Guardrail requirements		CSO, §1698(b)
MIXERS, Food Service		GISO, §4542
MIXERS, Mortar, Plaster & Fireproofing		CSO, §1698(e)
MLT (Malathion), Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
MOBILE		See also under **PORTABLE**
MOBILE COMPACTION EQUIPMENT		GISO, §4354
” ” ” ” ” ”		See also **COMPACTION EQUIPMENT**
MOBILE CRANES, Boom-Type		See also **CRANES**
	Application / Purpose	GISO, §4920
Access to Operators Position & Machine House		GISO, §4926(a)
Access to Boom Blocks		GISO, §4926(b)
Adjustments, Brake & Clutches		GISO, §4932
Barge Mounted Cranes		GISO, §4942
	Illustrations,	GISO, §4885, Plate III
	Life Buoys, rings, vests	GISO, §4944
	Permanently Mounted	GISO, §4943
Boom Block, Access to		GISO, §4926
	Guardrail / Grab-irons / Handholds	GISO, §4926(b)
Boom Hoist Mechanisms		GISO, §4928
Boom-stops		GISO, §4922
Brake, Adjustments		GISO, §4932
Cab, Operator’s		GISO, §4925
Clutches, Adjustments		GISO, §4932
Chart, Load Rating		GISO, §4923
Controls		
	Lever-operated controllers	GISO, §4921(a)
	Marking, Labeling of Operating controls	GISO, §4921(b)
	Start & Stop	GISO, §4921(c)
	Speed Control of internal combustion engines	GISO, §4921(c)
	To stop engines under emergency conditions	GISO, §4921(c)
Couplers, Locomotive Cranes		GISO, §4927(a)
	Automatic Couplers	GISO, §4927(b)
Couplers, Locomotive Cranes		GISO, §4927
Crane Boom-stops		GISO, §4922
Cranes Used in Demolition Work		GISO, §4941
Demolition Work, Use during		GISO, §4941
Drowning Hazard Protection		GISO, §4944

Electrical Requirements per ESO		See **CRANES**, Requirements per ESO
Floating Cranes & Derricks, Permanent Mount		GISO, §4943
	Barge Mounted Cranes	GISO, §4942
	Illustrations,	GISO, §4885, Plate III
	Life Buoys, rings, vests	GISO, §4944
Hoist Drums		GISO, §4929
Life Jackets, Vests, Buoys, Rings		GISO, §4944
Lighting, Nighttime Operations		GISO, §4940
Load Lowering Systems, Power-Controlled		GISO, §4932
Load Hoist Drums		GISO, §4929
	Hoist Brakes	GISO, §4930
Load Rating Chart		GISO, §4923
Load Safety Devices		GISO, §4924
Locomotive Cranes, Couplers		GISO, §4927
Lowering System, Power Controlled		GISO, §4932
Machine House, Access to		GISO, §4926
Operating Rules		See under **CRANES**
Operator's Cab		GISO, §4925
	Operator's Position, Access to	GISO, §4926
Operator Certification		GISO, §5006.1
Operating Controls		GISO, §4921
	Lever-operated controllers	GISO, §4921(a)
	Marking, Labeling of Operating controls	GISO, §4921(b)
	Start & Stop	GISO, §4921(c)
	Speed Control of internal combustion engines	GISO, §4921(c)
	To stop engines under emergency conditions	GISO, §4921(c)
Operator's Position, Access to		GISO, §4926
Operator Qualification and Certification		GISO, §1618.1
Operator Qualifications		GISO, §5006.1
Power-Controlled Lowering Systems		GISO, §4932
Rail Clamps, Locomotive Cranes		GISO, §4938(b)
Sheave Guards		GISO, §4935.1
Swing Control		GISO, §4933
Swing Brake & Locking Device		GISO, §4934
Travel Brakes & Locks		GISO, §4935
Truck Wedges or Jacks, Locomotive Cranes		GISO, §4938
Warning Device, Outside Crane		GISO, §4936
Water Hazard Protection		GISO, §4944
Wheel Guards, Locomotive Cranes		GISO, §4937(a)
Wheel Guards on Outrigger Wheels, Mobile Cranes		GISO, §4937(b)
MOBILE EQUIPMENT, Electrical		ESO-HV, Article 32
Collector Rings		ESO-HV, §2909
Enclosures		ESO-HV, §2908
General		ESO-HV, §2906
Grounding		ESO-HV, §2912
High-Voltage Portable Main Power Supply		ESO-HV, §2911
Over-current Protection		ESO-HV, §2907
Power Cable Connections to Mobile Machines		ESO-HV, §2910
MOBILE EQUIPMENT, Guardrailing Exception Protection		GISO, §3210(b), Exception (9)
MOBILE EQUIPMENT, Tree Work		GISO, §3424
MOBILE LADDER STANDS & TOWER SCAFFOLDS		GISO, Article 23
	Scope	GISO, §3620
	Definitions	GISO, §3621
	General Requirements	GISO, §3622
Mobile Ladder Stand		GISO, §3627
Mobile Scaffolds		
	Tube & Coupler	GISO, §3625
	Tubular Welded Frame	GISO, §3623
	Tubular Welded Sectional Folding	GISO, §3624
Mobile Work Platform		GISO, §3626
MOBILE LOG HANDLING EQUIPMENT, Logging		LSSO, §6264
MOBILE SHOVEL, Illustration		LSSO, §6402, Appx A
MOBILE VEHICLES, Fall Protection		GISO, §3210(b)(9)
MODIFICATIONS, Machinery/Equipment		GISO, §3328(f)
MODIFICATIONS, Forklifts, Power Industrial Trucks		GISO, §3650(e)
Gasoline to LP or LPS		GISO, §3650(f)
MOLD, Abatement / Prevention		GISO, §3362(g)
MOLDING MACHINES, Plastic		GISO, Article 72
Injection Molding Machines		GISO, §4600
Thermo Setting Plastic Molding Presses		GISO, §4601
MOLDING MACHINES, Woodworking		GISO, §4318
MOLTEN SALT BATHS		GISO, §5188
MOLYBDENUM COMPOUNDS, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
MOMENTARY CONTACT DEVICES		GISO, §4086
Portable Power Drives, Post Hole Digger, Pipe Threader /Cutter		GISO, §4086
Portable Tools		GISO, §3557

MONITORING, Workplace — GISO, §5155(e)
" " " " — See also under specific Substance and Operation / Procedure
MONOCROTOPHOS, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
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- Back-Up Alarms & Warning, Commercial Vehicles — GISO, §3706(b)
  - Construction Vehicles — CSO, §1592(a)
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- Brakes, Lights, Operable — CSO, §1597(c)
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- Fenders, Mud Flaps — CSO, §1597(i)
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- Licensing of Drivers — GISO, §3701(b)
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- Safety Check, Vehicle — CSO, §1597(j)
- Seatbelts, Installed, per CSO — CSO, §1597(g)
  - Use of Seatbelts — CSO, §1597(h)
- Seats, Adequate number, Secured — CSO, §1597(f)
- Temporary Covers in Roadways, Secured — CSO, §1597(k)
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- Vehicles Safety Check — CSO, §1597(j)
- Vehicular traffic, Exposure to — CSO, §1541(d)
- Windshields / Wipers / Defogger / Defroster — CSO, §1597(d)

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- No Smoking Signs, at Service Station — GISO, §5580

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- Operating Rules — GISO, §3807
- Speed Control — GISO, §3806
  - Governor — GISO, §3806(a)
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  - Speed Zones — GISO, §3806(b)
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- Haulage & Earth Movers — CSO, §1592(c)
  - Back-up Alarms — CSO, §1592(a)
- Forklifts, Warning Devices — GISO, §3661(c)
- Industrial Tractors — GISO, §3661
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		Back-up Alarms	GISO, §3706(b)
	Employee Transport Vehicles		GISO, §3702(b)
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Industrial trucks			See **INDUSTRIAL TRUCKS**
Lifts, Automotive			See **AUTOMOTIVE LIFTS**
Lights			
	Employee Transport Vehicles		GISO, §3702(b)
	Gantry trucks		GISO, §3808
	Haulage & Earth Movers		CSO, §1592(g)
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	Fuel tanks		UFPV, §544
	Transportation tanks		UFPV, §535
Loaders			See **EARTHMOVING EQUIPMENT & HAULAGE VEHICLES**
	Vehicle-mounted handling devices		TelSO, §8610
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Natural Gas Fuel tank Requirements			UFPV, §544
Piles, unloading			CSO, §1601
Refrigerator vehicles			GISO, §3251
Refuse collection vehicles			See **GARBAGE TRUCKS**
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Seatbelts			
	Amusement Rides		GISO, §3907(c)
	Back-Hoe, Seatbelts		CSO, §1596(a)
	Earthmoving Equipment		GISO, §3653
	Farm Labor Vehicles		GISO, §3702(h)
	Forklifts, AKA - Industrial Trucks		GISO, §3653
		Use of Required, when Manufacturer Provided	GISO, §3650(t)(33)
	Haulage Vehicles & Equipment, per CSO		CSO, §1591(h)
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	Industrial Trucks		GISO, §3653
	Jobsite Vehicles		CSO, §1597(g)
		Use of Seatbelts	CSO, §1597(h)
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Spray coating of Vehicles in Garages			GISO, §5459
Straddle Carriers (Gantry Trucks)			GISO, Article 31
	Access to		GISO, §3803
	Brakes		GISO, §3809
	Guarding, Wheel		GISO, §3805
		Exception to Guarding	GISO, §3805(b)
	Lights		GISO, §3808
	Operating Rules		GISO, §3807
	Speed Control		GISO, §3806
		Governor	GISO, §3806(a)
		Restricted Walkways	GISO, §3806(b)
		Speed Zones	GISO, §3806(b)
	Visibility		GISO, §3802
	Warning Devices		GISO, §3801
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Undercoating, Automobile Undercoating in Garage			GISO, §5459
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Garages in			GISO, §5459
Waste disposal vehicles			See **GARBAGE TRUCKS**
Waste compaction vehicles			See **GARBAGE TRUCKS**
Wheeled tractors			See **HAULAGE VEHICLES**
” ” ”			See also under **AGRICULTURAL SAFETY ORDERS**
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MOULDERS, Dough, Food Service			GISO, §4546
MOULDING MACHINES, Woodworking			GISO, §4318
MOUNTING, Abrasive/Grinding Wheel			GISO, §3580
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MOVIE, Projectors, Electrical			ESO-LV, Article 72
Application / Scope			ESO-LV, §2554.1
	Non-professional Projector, Defined		ESO-LV, §2554.30
	Professional Projector, Defined		ESO-LV, §2554.2
Approval Requirement			ESO-LV, §2554.20
	Projector Component Parts		ESO-LV, §2554.32
Booth Requirement, Slow Burning Film			ESO-LV, §2554.31

Conductors		
	Flexible Cord Requirement	ESO-LV, §2554.15
	Size	ESO-LV, §2554.13
	Type for Hot Equipment	ESO-LV, §2554.14
	Type for Lamps	ESO-LV, §2554.14
Electrical Wiring		
	Conductor Types for Hot Equipment	ESO-LV, §2554.14
	Conductor Types for Lamps & Hot	ESO-LV, §2554.14
	Flexible Cords	ESO-LV, §2554.15
	Sizing of Conductors	ESO-LV, §2554.13
Equipment, Location of		ESO-LV, §2554.10
	Prohibited Equipment	ESO-LV, §2554.11
Flexible Cord Requirement		ESO-LV, §2554.15
Illumination, Source of		ESO-LV, §2554.33
Information Labels / Tags		ESO-LV, §2554.21
Lamp Guards		ESO-LV, §2554.16
Location of Equipment		ESO-LV, §2554.10
	Marking / Labels	ESO-LV, §2554.21
Marking		ESO-LV, §2554.34
Nonprofessional Film Marking		ESO-LV, §2554.35
Nonprofessional Projector, Defined		ESO-LV, §2554.30
Professional Projector, Defined		ESO-LV, §2554.2
Prohibited Equipment		ESO-LV, §2554.11
Projectors		
	Marking, Information	ESO-LV, §2554.34
	Motor-Driven Projectors	ESO-LV, §2554.12
	Non-professional Projector, Defined	ESO-LV, §2554.30
	Professional Projector, Defined	ESO-LV, §2554.2
	Projector Component Parts	ESO-LV, §2554.32
Slow Burning Film Booth Not Required		ESO-LV, §2554.31
Sound Recording & Reproduction Equipment		ESO-LV, §2554.50
MOVIE, Projection Rooms		GISO, §3245
MOVIE, Studios & Similar, Electrical		ESO-LV, Article 71
Application / Scope		ESO-LV, §2553.1
Boxes, Receptacle		ESO-LV, §2553.14
Circuit Breakers, Over-current Protection,		ESO-LV, §2553.18
Controls, Electrical, Stage Lighting & Effects		ESO-LV, §2553.13
Current Carrying Parts, Enclosing & Guarding		ESO-LV, §2553.15
Electrical Wiring		
	Sizing of Conductors	ESO-LV, §2553.19
Enclosing & Guarding Live Parts		ESO-LV, §2553.15
Film storage vaults		
	Lamps	ESO-LV, §2553.51
	Prohibited equipment	ESO-LV, §2553.52
Flexible Cord & Cable Requirement		ESO-LV, §2553.12
Fused Protection, Short-Time Rating		ESO-LV, §2553.18
Grounding		
	General Requirements	ESO-LV, §2553.20
	Substations Grounding	ESO-LV, §2553.66
Guarding Live Parts		ESO-LV, §2553.15
Lamps at:		
	Storage Vaults, Cellulose Nitrate Film	ESO-LV, §2553.51
	Tables, Viewing, Cutting & Patching	ESO-LV, §2553.1
Motors & Other Equipment in:		
	Storage Vaults, Cellulose Nitrate Film	ESO-LV, §2553.52
Over-current Protection, Short-Time Rating		ESO-LV, §2553.18
Portable Arc Lamps		ESO-LV, §2553.17
Portable Lamps		ESO-LV, §2553.16
Portable Substations		ESO-LV, §2553.65
Power cord, Sizing		ESO-LV, §2553.19
Receptacles / Plugging Boxes, Amperage		ESO-LV, §2553.14
Rheostats, Enclosing & Guarding Live Parts		ESO-LV, §2553.15
Stage Lighting & Effects Controls, Switches		ESO-LV, §2553.13
Substations		
	Grounding at Substations	ESO-LV, §2553.66
	Portable Substations	ESO-LV, §2553.65
	Working Space & Guarding	ESO-LV, §2553.64
Switches, Electrical, Stage Lighting & Effects		ESO-LV, §2553.13
Switches, Enclosing & Guarding		ESO-LV, §2553.15
Wiring, Portable Electrical		ESO-LV, §2553.12
Working Space & Guarding		ESO-LV, §2553.64
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” ” ” ”		See also **ASSEMBLY**, Halls or Places of
MOVING PARTS, Machinery & Equipment, per GISO		GISO, §4002
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Guarding suddenly moving parts		ESO-LV, §2390.41(b)

Combustible material, Separate from		ESO-LV, §2340.18
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” ” ” ” ” ” ” ”		See also under **ELEVATORS**
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	Identification, Sign Requirements	ESO-LV, §2562.3
Interconnection, Multicar Controllers		ESO-LV, §2562.6
Motor Controllers		ESO-LV, §2562.7
Sign Requirements		ESO-LV, §2562.3
Single-Car & Multicar Installations		ESO-LV, §2562.4
	Multiple Driving Machines	ESO-LV, §2562.3
	Multiple Disconnecting Means	ESO-LV, §2562.5
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MOVING WALKS, per ElevSO		
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	Access Work Space	ElevSO, §3092(c)
	Control Devices Operating & Safety Devices	ElevSO, §3092(a)
	Design Requirements	ElevSO, §3091
	Electrical Wiring & Equipment	ElevSO, §3092(b)
	Operating & Safety Devices	ElevSO, §3092(a)
Group III, Installations signed on or after 10/25/1998 but before 5/1/2008		ElevSO, Article 27
	Access to	ElevSO, §3127.6
	Brake	ElevSO, §3127.4
	Construction Requirements	ElevSO, §3127.2
	Devices, Operating & Safety	ElevSO, §3127.5
	Driving Machine, Motor & Brake	ElevSO, §3127.4
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	Fire Protection, Supports & Machine Space	ElevSO, §3127.1
	Floor Openings, Protection of	ElevSO, §3127.0
	Lighting	ElevSO, §3127.6
	Motor	ElevSO, §3127.4
	Operating Devices	ElevSO, §3127.5
	Outdoor Moving Walks	ElevSO, §3127.7
	Rated Speed	ElevSO, §3127.3
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MOWERS, Lawn, Power		GISO, §3563
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Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
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Development, or Obtain		GISO, §5189(g)(1)
Language Requirement		GISO, §5189(g)(2)
Provide, Requirement to		GISO, §5189(g)(6)
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Explosives, Handling and Use of, Engines equipped w/, not source of Ignition		GISO, §5276(a)
Explosives, Mixing Blasting Agents, Engines shall be equipped w/		GISO, §5342(k)
Forklift, Maintenance of		GISO, §3663(b)
Industrial Trucks, Maintenance of		GISO, §3663(b)
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	Exception, when engine is shut down	PSO-D&P, §6684(a), Exception
	Maintenance of	PSO-D&P, §6684(c)
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MUSCULOSKELETAL , Health Care Worker		See **HEALTH CARE WORKER BACK & MSK INJURY PREVENTION**
MUSCULOSKELETAL, Hotel Housekeeping		GISO, §3345
Scope and Application		GISO, §3345(a)
Definitions		GISO, §3345(b)
Musculoskeletal injury prevention program (MIPP)		GISO, §3345(c)
Training		GISO, §3345(d)
Recordkeeping		GISO, §3345(e)
MUSHROOM CAPS, Rebar Protective Cover		See **REINFORCING STEEL**
MYCOBACTERIUM TUBERCULOSIS, M. Tuberculosis		See also **AEROSOL TRANSMISSIBLE DISEASES**
Respiratory Protection for		GISO, §5147
TB Conversion		GISO, §5199(b), (h),
TB Test		GISO, §5199(f)(3)

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			List of Acronyms
NAILED BRACKET SCAFFOLDS, Prohibited			CSO, §1637(j)
Nailed Bracket Scaffolds, Illustration			CSO, §1938, Appx B, Plate B-40
NAILERS & STAPLERS, Pneumatically-Driven			CSO, §1704
Definitions			CSO, §1704(a)
General Safety Requirements			CSO, §1704(b)
Disconnecting Requirement			CSO, §1704(c)
Air Hose, Securing on Sloped Roof			CSO, §1704(d)
Safety Device			CSO, §1704(e)
Code of Safe Practice Requirement			CSO, §1704(f)
Trainers			CSO, §1704(g)
NAILS, Protruding from Floor/Platforms			GISO, §3273(a)
NAILS, Strength & Required penetration			CSO, §1938, Appx B
NAILED, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
NANKOR, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
NAPHTHA, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
NAPHTHALENE, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
NAPHTHALENE DNSOCYANATE			
Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
NAPHTHYLAMINE, α & β-Naphthylamine			See **CARCINOGENS**, Specified
NAPPER			GISO, §4468
NARCOTICS			
Alcohol & Drugs Prohibited at Mining Operations			MSO, §6973(c)
Alcohol & Drugs Handling or Use Prohibited at Blasting or Pyrotechnic Operations			GISO, §5247(b)
NATURAL GAS (NG) SYSTEMS, Compressed & Liquefied			UFPV, Article 7
Alterations to Tanks, Piping & Vaporizers			UFPV, §526
Approval of Devices			UFPV, §530
Charging/Filling of Tanks			
	CNG		UFPV, §528(b)
	LNG		UFPV, §528(c)
Controls of Products			UFPV, §527
Design & Construction			
	Cylinder, CNG, per DOT Specifications		UFPV, §456
		Compressed & Liquefied	UFPV, §524
	Tank, CNG & LNG		UFPV, §455
		Compressed & Liquefied	UFPV, §523
	Vaporizers, LNG		UFPV, §457
Filling of Tanks			
	CNG		UFPV, §528(b)
	LNG		UFPV, §528(c)
Gauging Devices for LNG			UFPV, §529
Monitoring during LNG delivery			UFPV, §527(c)
Odorizing of LNG			UFPV, §527(b)
Repairs to Tanks, Piping & Vaporizers			UFPV, §526
Smoking Prohibition, Transfer Operation			UFPV, §528(a)
Transfer, Operation & Maintenance			UFPV, §528
	Attendant Requirement		UFPV, §528(a)(5)
	Clearances from Objects		UFPV, §528(a)(6)
	Smoking Prohibition		UFPV, §528(a)(2)
	Venting		UFPV, §528(a)(1)
Vaporizer Installation			UFPV, §540
NAUGAHYDE WORKING MACHINES			See **LEATHER & COMPOSITION GOODS MACHINES**
NEAT, Mechanical Execution of Work, Quality			ESO-LV, §2340.12
NEEDLE-BEAM SCAFFOLDS			CSO, §1664
” ” ” ” ”			See also **SCAFFOLDS**
NEMAGON (1,2 Dibromo-3-Chloropropane) (DPCP)			GISO, §5212
	Application & Scope		GISO, §5212(a)
	Definitions		GISO, §5212(b)
Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
	Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
Appendices, Application of			GISO, §5212(r)
Change Room			GISO, §5212(j)(l)
Emergencies, Notification per §5203			GISO, §5212(d)
Emergency Plan			See Also **CARCINOGE** GISO, §5212(i)
Exposure Monitoring			GISO, §5212(f)
	General		GISO, §5212(f)(1)
	Initial		GISO, §5212(f)(2)
	Frequency		GISO, §5212(f)(3)

	Additional Monitoring		GISO, §5212(f)(4)
	Employee Notification of		GISO, §5212(f)(5)
	Accuracy of Measurement		GISO, §5212(f)(6)
Exposure to, as Airborne Contaminant			GISO, §5155, & Appx A
	Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
Housekeeping / Cleaning			GISO, §5212(k)
Hygiene Facilities & Practices			GISO, §5212(l)
	Change Rooms		GISO, §5212(l)(1)
	Showers		GISO, §5212(l)(2)
	Lunchrooms		GISO, §5212(l)(3)
	Sanitation		GISO, §5212(l)(4)
	Prohibition of Activities		GISO, §5212(l)(5)
Medical Surveillance			GISO, §5212(m)
Methods of Compliance			GISO, §5212(g)
	Priority of Compliance Methods		GISO, §5212(g)(1)
	Compliance Program		GISO, §5212(g)(2)
Notification of Use per §5203			GISO, §5212(d)
Permissible Exposure Limit			GISO, §5212(c)
	Inhalation of airborne DBCP		GISO, §5212(c)(1)
	Dermal & Eye Exposure		GISO, §5212(c)(2)
Respirators			GISO, §5212(h)
	General		GISO, §5212(h)(1)
	Respirator program		GISO, §5212(h)(2)
	Respirator Selection		GISO, §5212(h)(3)
Protective Clothing & Equipment			GISO, §5212(j)
Training & Employee Information			GISO, §5212(n)
	Training Program		GISO, §5212(n)(1)
	Access to Training Materials		GISO, §5212(n)(2)
Signs & Labels			GISO, §5212(o)
Record keeping			GISO, §5212(p)
	Exposure Monitoring		GISO, §5212(p)(1)
	Medical Surveillance		GISO, §5212(p)(2)
	Availability of		GISO, §5212(p)(3)
	Transfer of Records		GISO, §5212(p)(4)
Regulated Areas			GISO, §5212(e)
	Establishment of		GISO, §5212(e)(1)
	Demarcation & Segregation		GISO, §5212(e)(2)
	Signs, Posting of		GISO, §5212(e)(2)
	Access to		GISO, §5212(e)(3)
Observation of Monitoring			GISO, §5212(q)
NEON, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
NETS, Safety			CSO, §1671
Fall Protection, Conditional Alternative			CSO, §1669(b)
NEW EMPLOYEE TRAINING		See **TRAINING**	
NEWS GATHERING (ENG) EQUIPMENT, Electronic			ESO-HV, Article 40
Accident Prevention, Operation of ENG Vehicles			ESO-HV, §2981
	in Proximity of Overhead Power Lines		
Definitions			ESO-HV, §2980
Employee Training			ESO-HV, §2982
Safety Inspections			ESO-HV, §2983
Variances			ESO-HV, §2305.3
NIALATE, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
NICKEL CARBONYL, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Laboratory Safety			GISO, §5191, Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
Process safety management			GISO, §5189, Appx A
NICKEL COMPOUNDS, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
NICKEL METAL, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
NICOTINE, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
NITRAPYRIN, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
NITRATE & NITRITE BATHS, Metal Hardening			GISO, §5188
NITRIC ACID, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
Process safety management			GISO, §5189, Appx A
NITRIC OXIDE , Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
Process safety management			GISO, §5189, Appx A
NITROANILINE, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
Process safety management			GISO, §5189, Appx A
NITROBENZENE, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A

Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
NITROBIPHENYL, 4- — See **CARCINOGENS**, Specified
NITROCELLULOSE, Handling, Processing & Storage — GISO, §5187
NITROCHLOROBENZENE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
NITROETHANE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
NITROGEN, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
NITROGEN DIOXIDE
Diesel Engine Operation In Tunnels Monitoring — TSO, §8470
Exposure limits — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
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Process safety management — GISO, §5189, Appx A
NITROGEN DIOXIDE, Testing, per TSO — TSO, §8470(d)
NITROGEN OXIDES
Piping Systems for — GISO, §5195
Process safety management — GISO, §5189, Appx A
NITROGEN TETROXIDE
Process safety management — GISO, §5189, Appx A
NITROGEN TRIFLUORIDE
Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
Process safety management — GISO, §5189, Appx A
NITROGLYCERIN, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
NITROMETHANE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
Process safety management — GISO, §5189, Appx A
NITROPROPANE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
NITROSODIETHYLAMINE, N-, Laboratory Safety — GISO, §5191, Appx A
NITROSODIMETHYLAMINE, N- — See **CARCINOGENS**, Specified
NITROTOLUENES, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
NITROUS OXIDE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
Hazardous substance — GISO, §5195
Piping Systems for — GISO, §5195
Process safety management — GISO, §5189, Appx A
NOISE, Control of Exposure — GISO, Article 105
Application & Scope — GISO, §5095(a)
Agriculture, Exempt from 5097 through 5100 — GISO, §5095(a)
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Acoustic Calibration of Audiometers — GISO, §5100, Appx D
Audiograms, Age Corrections to — GISO, §5100, Appx F
Audiology Technician, Certification Requirement — GISO, §5097(c)(3)
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Audiogram Requirements per §5097 — Appx B — GISO, §5097(c)(4)
Audiology Technician, Certification Requirement — GISO, §5097(c)(3)
Baseline Requirement — GISO, §5097(c)(5)
Baseline Requirements, Employee Notification — GISO, §5097(c)(7)
Baseline Requirements, Employee Noise Exposure Limits — GISO, §5097(c)(6)
Employee, Testing at no cost to — GISO, §5097(c)(2)
Employer Responsibility — GISO, §5097(c)(1), (2)
Employee Notification of Testing Results — GISO, §5097(c)(8)
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Exposure Computation — GISO, §5100, Appx A
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Training Program — GISO, §5099
General Training Requirements — GISO, §5099(a)
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NONANE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
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Respiratory Protective Equipment — GISO, §5208.1(d)
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NON-IONIZING RADIATION, Lasers, per CSO — CSO, §1801
Beam shutters or caps — CSO, §1801(e)
Eye protection — CSO, §1801(c)
Exposure Limits, Light intensity — CSO, §1801(j)
" " " Microwave power densities — CSO, §1801(k)
Internal alignment lasers — CSO, §1801(f)
Labeling Requirement — CSO, §1801(e), (i)
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NON-IONIZING RADIATION, per GISO — GISO, §5085
Definitions — GISO, §5085(a)
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NON-POTABLE WATER, Prohibited as drinking Water — CSO, §1524(b)(1)
Sign / Labeling, Non-potable Water — CSO, §1524(b)(2),
Water, Potable Water Supply Section — GISO, §3395(c)
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NON-POTABLE WATER, per SSO — SSO, §8397.4(c)
NON-RESIDENTIAL BUILDINGS, Wood Framing Systems — CSO, §1716.1
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Amusement Ride Accident — GISO, §3920
Blasting Activities — GISO,§5248
Incident Notification — MSO, §6960(a)
Lead work, Notification of disposal of Records — GISO, §5198(n)(5)
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Mine Incident, per MSO — MSO, §6960(a)
Pressurized Worksite Operations — GISO, §6075(a)
Tunneling Operations — TSO, §8422
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Tunnel Classifications — TSO, §8422
Geological Information — TSO, §8422(a)
NOUGAT CUTTER, Food Service — GISO, §4551
NOXIOUS GASES — See **GASES**, Control of
" " " — See **GASES, FUMES, DUSTS, MISTS & VAPORS**, Control of
NOXIOUS WEEDS, Control of
Weed burner pressure hoses — CSO, §1697
NUCLEAR POWERED VESSELS & SHIPS
Ionizing Radiation Control, per SSO — SSO, §8397.1
NUISANCE PARTICULATES, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
NUMBER OF EXITS — GISO, §3228

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List of Acronyms

OBJECTS, **Lowering of**, Protection from falling — GISO, §3273(f)
OBSERVATION ELEVATORS
Car & Counterweight Safeties — ElevSO, §3035(h)(4)
Design & Construction — ElevSO, §3113(a)
Enclosures of Hoistways — ElevSO, §3010(a)(1), Exception
Hoistway Access Switch — ElevSO, §3021(k)(1), Exception

OBSTRUCTIONS, Prohibition
- Exits — GISO, §3227(c)
- Floors & Platforms — GISO, §3273(a)
- Walkways — GISO, §3273(b)
  - Alternative Remedy (Padding & Warning) — GISO, §3227(c)
- Work Areas — GISO, §3273

OCTACHLORONAPHTHALENE
- Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
- Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1

OCTANE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
- Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1

ODOR, Lack of in Breathing Air — GISO, §5144(i)

ODORIZED LNG, Requirement for — UFPV, §527(b)

O-ETHYL S-PHENYL ETHYLPHOSPHONODITHIOATE (Fonofos)
- Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
- Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1

OIL, Dust Suppression Use — GISO, §5145

OIL FIRED HEATERS, Temporary — CSO, §1693(f)
- Fire-extinguisher Requirement for Temporary Heaters — CSO, §1693(g)

OIL, Floors & Platforms, Free Of — GISO, §3273(a)

OIL STORAGE FACILITIES, Housekeeping of — PSO-D&P, §6539

OIL SPILLS, Oil Storage Facilities — PSO-D&P, §6539

OIL & GAS WELLS, Drilling & Production
- Change Rooms
  - Permanent Change Rooms, per GISO, Article 9 — PSO-D&P, §6514(a)
    - Clean, Orderly, Sanitary Condition — PSO-D&P, §6514(b)
    - Location of — PSO-D&P, §6514(c)
    - Shower Facilities, Number of — PSO-D&P, §6514(a)
  - Well Drilling & Servicing Operations — PSO-D&P, §6515
    - Clean, Orderly, Sanitary Condition — PSO-D&P, §6515(b)
    - Lighting, Heating & Ventilation — PSO-D&P, §6515(b)
    - Location of — PSO-D&P, §6515(a)
- Clothing, wearing of, per GISO, Article 10 — PSO-D&P, §6513
- Communication, Emergency — PSO-D&P, §6512
- Drainage control — PSO-D&P, §6538
- Drilling Operation
  - Fall Protection Requirements, Derrick / Mast Work — PSO-D&P, §6580
  - Tools, Handling Heavy Tools at Drilling Wells — PSO-D&P, §6607
- Electrical Equipment & Wiring per Electrical Safety Orders — PSO-D&P, §6527
- Emergency Escape, Auxiliary Means of — PSO-D&P, §6573
- Emergency Medical Services — PSO-D&P, §6512
- Emergency Stop Device, Drilling Equipment — PSO-D&P, §6625
- Equipment & Pipe Lines
  - Blinding or Isolating of Equipment & Pipe Lines — PSO-D&P, §6536
    - Blinding Design — PSO-D&P, §6536(b)
      - Open or Closed Indicators — PSO-D&P, §6536(e)
    - Employee Protection by — PSO-D&P, §6536(a)
    - Ventilation Requirements — PSO-D&P, §6536(c)
    - Welding, Hot Work Method — PSO-D&P, §6536(d)
  - Opening of Equipment & Pipe Lines — PSO-D&P, §6535
    - Emptying of Content — PSO-D&P, §6535(b)
    - Ignition Source, Elimination of — PSO-D&P, §6535(c)
    - Relieve of Pressure — PSO-D&P, §6535(a)
- Equipment & Tools, Miscellaneous — PSO-D&P, §6646
- Escape, Auxiliary Means of — PSO-D&P, §6573
- Fall Protection Requirements — See **FALL PROTECTION REQUIREMENTS**, per PSO-D&P
- Fire Prevention
  - Cleaning oil restrictions — PSO-D&P, §6520
  - Drainage control — PSO-D&P, §6538
  - Fired equipment location — PSO-D&P, §6526
  - Fire fighting equipment — PSO-D&P, §6519
  - Flammable and combustible liquid transfer by air displacement — PSO-D&P, §6525
  - Flammable waste gases and vapors — PSO-D&P, §6524
  - Hazardous area testing — PSO-D&P, §6521
  - Pipe lines
    - Blinding procedures — PSO-D&P, §6536
    - Opening procedures — PSO-D&P, §6535
  - Smoking restrictions — PSO-D&P, §6518
  - Spontaneous ignition precautions — PSO-D&P, §6522
  - Static electricity — PSO-D&P, §6523
- First aid — PSO-D&P, §6511
- Fittings, Pipe Lines & Valves — PSO-D&P, §6533
  - Drill Pipe & Well Casing / Tubing Excluded — PSO-D&P, §6533(a)
  - General Requirements — PSO-D&P, §6533(a)
  - Inspection Requirements — PSO-D&P, §6533(b)
  - Pressure Relieve Devices & Valves — PSO-D&P, §6533(c)
- Flammable Gases Or Vapors, Hazardous Areas — See **FLAMMABLE GASES OR VAPORS**, Hazardous Areas

Flammable Waste Gasses & Vapor				See **FLAMMABLE WASTE GASSES & VAPOR**
Flywheel Guarding, Prime Movers				PSO-D&P, §6682
Gas & Vapor testing				PSO-D&P, §6531
Hazardous Areas				PSO-D&P, §6521
	Control of Sources of Ignition			PSO-D&P, §6521(a)
	Flammable Waste Gasses & Vapor			PSO-D&P, §6524
		Burning of, to Control		PSO-D&P, §6524(a)
		Control Hazards Associated with		PSO-D&P, §6524(a)
		Flares, use of		PSO-D&P, §6524(a), (b), (c)
			Employees Entry Restriction	PSO-D&P, §6524(e)
			Remote Ignition, Controlled	PSO-D&P, §6524(b)
			Remote Ignition, Failure	PSO-D&P, §6524(b)
		Release of Gasses & Vapor Prevention		PSO-D&P, §6524(d)
		Remote Ignition, Controlled		PSO-D&P, §6524(b)
		Testing for Releases before Employees Entry		PSO-D&P, §6524(e)
	Ignition Sources			
		Control of Use		PSO-D&P, §6521(a)
		Prohibited, in Flammable Vapor / Gas		PSO-D&P, §6521(b)
	Spontaneous Ignition			PSO-D&P, §6522
		Iron Sulfide Management		PSO-D&P, §6522(a)
		Steel Wool, use with Lime		PSO-D&P, §6522(b)
	Static Electricity, Control of			PSO-D&P, §6523(a)
		Grounding of Steel Derricks & Masts		PSO-D&P, §6523(b)
	Testing of Gas & Vapor			PSO-D&P, §6531
	Transfer of Flammable / Combustible Liquids			
		Compressed Air, Use Prohibited for Tanks		PSO-D&P, §6525(a)
			Exceptions listed	PSO-D&P, §6525(a)
	Well Safety			
		Electrical Equipment		PSO-D&P, §6527
		Fired Equipment Restriction near Wells		PSO-D&P, §6526(a)
		Safety Provisions & Precautions		PSO-D&P, §6655
Heat Illness Prevention, Outdoor				GISO, §3395
	Access to Drinking Water			GISO, §3395(c)
		Maintenance of		GISO, §3457(c)(3)
	Access to Shade			GISO, §3395(d)
		>80°, Shade Present		GISO, §3395(d)(1)
		≤80°, Shade Available		GISO, §3395(d)(2)
	Acclimatization			GISO, §3395(g)
	Agricultural Employees High Heat Procedures			GISO, §3395(e)(6)
	Agricultural Industry, Subject to Standard			GISO, §3395(a)(2)(A)
	Application & Scope			GISO, §3395(a)(2)
	Construction Industry, Subject to Standard			GISO, §3395(a)(2)(B)
	Definitions			GISO, §3395(b)
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		Maintenance of		GISO, §3457(c)(3)
	Emergency Response Procedures			GISO, §3395(f)
	Heat Illness Prevention Plan			GISO, §3395(i)
	High-Heat Procedure			GISO, §3395(e)
	Landscaping Industry, Subject to Standard			GISO, §3395(a)(2)(C)
		Landscaping Defined		GISO, §3395(b)
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	Preventative Cool-down Rest Period, Permitted at All Times			GISO, §3395(d)(3)
	Provision of First Aid or Emergency Response			GISO, §3395(d)(4)
	Temperature Triggers			
		>80°, Shade Requirements		GISO, §3395(d)(1)
		≤80°, Shade Requirements		GISO, §3395(d)(2)
		>95°, High-Heat Procedures		GISO, §3395(E)
	Training			GISO, §3395(h)
	Transportation of Agri-Products, Construction & Other Heavy Materials,			
		Subject to Standard		GISO, §3395(a)(2)(E)
		Exception, Operators in Air-conditioned Vehicles		GISO, §3395(a)(2)(E)
Heavy tool, Handling of				PSO-D&P, §6607
Housekeeping of Oil Storage Facilities				PSO-D&P, §6539
Identification of Wells & Equipment				PSO-D&P, §6556
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	Safety Provisions & Precautions			PSO-D&P, §6655
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Ladderway Openings, Platforms				PSO-D&P, §6565
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	Wharves & Piers, at			PSO-D&P, §6659
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	Prohibited, in Flammable Vapor / Gas			PSO-D&P, §6521(b)
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	Iron Sulfide Management			PSO-D&P, §6522(a)
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P

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  - Downdraft Booths — GISO, §5153(f)
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  - General System Requirements — GISO, §5143
  - Make-up Air — GISO, §5153(c)
  - Respiratory Protection — GISO, §5153(g)
  - Spray Booth / Room, In — GISO, §5153(a)
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Respirator Protection, General Requirements			MSO, §7090(e)
” ” ” ” ”			See **RESPIRATORY PROTECTION**
	Dangerous Accumulations in Mines		MSO, §7102(e)
	Rescue Breathing Apparatus		MSO, §7084)
		Use of	MSO, §7086)
Safety Caps, Safety Hats			MSO, §6980(c)
PERSONAL PROTECTIVE EQUIPMENT, per PSO-D&P			PSO-D&P, §6513
PERSONAL PROTECTIVE EQUIPMENT, per PSO-R,T&H			PSO-R,T&H, §6786
PERSONAL PROTECTIVE EQUIPMENT, per SSO			
Asbestos			GISO, §8358(h) & (i)
Safe practices suggested code			SSO, §8399, Appx A, 49-52
PERSONAL PROTECTIVE EQUIPMENT, per TelSO			
Body Belts, Lineman’s			TelSO, §8605(c)
Employee Protection in Public Areas			TelSO, §8604
Eye Protection			TelSO, §8617
	Fiber Optics		TelSO, §8617(b)
	Lead Work		TelSO, §8609(c)
	Microwave		TelSO, §8617(a)
Inspected of PPE, each Day before Use			TelSO, §8605(a)
Lanyards & Safety Straps, Lineman’s			TelSO, §8605(c)
Lead Work			TelSO, §8609(d)
	Eye Protection		TelSO, §8609(c)
	Wiping Operations		TelSO, §8609(c)
	Wiping Gloves		TelSO, §8609(c)
	Cloths		TelSO, §8609(c)
Qualified Person, Inspection of PPE by			TelSO, §8605(a)
Provided By Employer			TelSO, §8605(a)
Rollover Protection			TelSO, §8610(c)
Rubber Insulated Equipment			TelSO, §8606
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PERSONAL PROTECTIVE EQUIPMENT, per TSO			TSO, §8414
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Ear Protection			TSO, §8414(e)
Foot Protection			TSO, §8414(c)
General Requirement for, Pursuant to Article 3, CSO			TSO, §8414(a)
Head Protection			TSO, §8414(b)
Hearing Protection			TSO, §8414(e)
Hearing Protector Attenuation			TSO, §8414(f)
Respirator Protection			TSO, §8414(g)
” ” ” ”			See **RESPIRATORY PROTECTION**
	Rescue Devices, I Hour		TSO, §8430(f)
	Self-Contained Breathing Apparatus		
		Conditions of Use	TSO, §8430(e)
		Inspections of	TSO, §8440
		Qualification	TSO, §8430(b)
	Self Rescue Devices		TSO, §8430(g)
		Inspection of Self Rescue Devices	TSO, §8430(h)
		Training to Inspect Self Rescue Devices	TSO, §8430(i)
PERSONNEL HOISTS, Construction Hoist			
ANSI 10.4-1973			CSO, §1604
” ” ”			CSO, §1604.30

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	Prohibitions	CSO, §1604.1(a)(3), (4)
	Related Standards	CSO, §1604.2
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	Car & Counterweight Buffers	CSO, §1604.14
	Car Doors, Gates & Electrical Contacts	CSO, §1604.18
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	Car Safeties	CSO, §1604.19
	Clearances, Horizontal	CSO, §1604.11
	Clearances & Run-bys	CSO, §1604.10
	Counterweight Requirements	CSO, §1604.15
	Guarding of Counterweight	CSO, §1604.12
	Guide Members, Supports, Fastenings	CSO, §1604.13
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	Location of Counterweight	CSO, §1604.12
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	Buffers	CSO, §1604.14
	Clearance to Cab & Hoistway	CSO, §1604.15(a)
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	Clearances & Run-bys	CSO, §1604.10
	Design Requirements	CSO, §1604.15(b)
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	Location of Counterweight	CSO, §1604.12
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Permanent Elevators, Temporary Use of		CSO, §1604.4
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Terminal Stopping Devices		CSO, §1604.23
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PHENOTHIAZINE, Airborne Contaminant, Exposure limit GISO, §5155, & Appx A
Listed, Permissible Exposure Limits GISO, §5155, Table AC-1
PHENYLENEDIAMINE, Airborne Contaminant, Exposure limit GISO, §5155, & Appx A
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PHENYL ETHER, Airborne Contaminant, Exposure limit GISO, §5155, & Appx A
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PHENYL GLYCIDYL ETHER, Airborne Contaminant, Exposure limit GISO, §5155, & Appx A
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PHENYLHYDRAZINE, Airborne Contaminant, Exposure limit GISO, §5155, & Appx A
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PHENYL MERCAPTAN, Airborne Contaminant, Exposure limit GISO, §5155, & Appx A
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PHENYLPHOSPHINE, Airborne Contaminant, Exposure limit GISO, §5155, & Appx A
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Cement Bags, Piling			CSO, §1549(b)
Floors, maximum safe load limits, Piling Materials			CSO, §1549(f)
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Material Inside Buildings, secured, Piling			CSO, §1549(e)
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Sheetrock & similar material stacked			CSO, §1549(d)
Structural Steel & Similar Materials, Piles			CSO, §1549(c)
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PINDONE, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
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		Ventilation Systems, General Requirements	CSO, §1530
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	Carrying Flammable / Combustible Liquids		GISO, Article 146
		General	GISO, §5606
		Materials for Piping, Valves & Fittings	GISO, §5607
		Pipe Joints	GISO, §5608
		Protection against Corrosion	GISO, §5610
		Supports	GISO, §5609
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	Carrying Hazardous Substances, Labeling		GISO, §3321
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		Open or Closed Indicators	PSO-D&P, §6536(e)
	Employee Protection by		PSO-D&P, §6536(a)
	Ventilation Requirements		PSO-D&P, §6536(c)
	Welding, Hot Work Method		PSO-D&P, §6536(d)
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	Ignition Source, Elimination of		PSO-D&P, §6535(c)
	Relieve of Pressure		PSO-D&P, §6535(a)
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	Drill Pipe & Well Casing / Tubing Excluded		PSO-D&P, §6533(a)
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PIPE RACKING SUPPORTS, for Derricks & Masts			PSO-D&P, §6596
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PIPE & SUCKER ROD PLATFORMS, for Derricks & Masts			PSO-D&P, Article 26
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	Portable Machine Controls, Momentary Contact Device		GISO, §4086
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	General		GISO, §5606
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	Pipe Joints		GISO, §5608
	Protection against Corrosion		GISO, §5610
	Supports		GISO, §5609
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	Painting & Signs		GISO, §4827
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Gas Systems Piping for Welding & Cutting			GISO, §4821
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Oxygen Piping			GISO, §4822
Painting & Signs			GISO, §4827
Piping Joints			GISO, §4824
Signs & Painting			GISO, §4827
Testing of piping Systems			GISO, §4826
PIPING, Pressure Relieving before Dismantling			GISO, §3329(d)
PIPING SYSTEMS, Ships, per SSO			SSO, §8378.1
PIPING, Tubing and fittings, Hydrogen			GISO, §5485
PITCH & ASPHALT KETTLES, Tar, Asphalt /Hot Mopped Roofing			
Asphalt Fumes, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
	Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
Asphalt & Pitch Kettles			CSO, §1726
Buckets, Kettles & Tankers, Handling of			CSO, §1725
Handling			CSO, §1725

Hot Asphalt & Hot Pitch Buckets — CSO, §1729
Kettles Mounted on Elevated Truck Beds — CSO, §1727
Specifications of Kettles — CSO, §1726(a)-(c)
Specifications of Buckets and Gallows-Type Frames — CSO, §1729
Fire Extinguisher — CSO, §1726(d)
Mounted on Truck Beds — CSO, §1727
Tar Pitch, Handling of — CSO, §1728
PIT BANK OR FACE, Free from Loose Material, per MSO — MSO, §6984
PITCH, ANGLE OF RISE
Fixed Industrial Stairs — GISO, §3234(e)
Illustrations — GISO, §3231
Fixed Ladders — GISO, §3277(h)
Illustrations — GISO, §3277
Ladder, Illustration — GISO, §3231, Figure E-1
Construction Usage, Illustration — CSO, §1938, Appx B, Plates B-16 & B-17
Stairwells, per CSO — CSO, §1626(b)(2)
Illustration — CSO, §1938, Appx B, Plates B-17
PIT COVERS — GISO, §3213(a)
PITS
Guarding of — GISO, §3273(l)
Guarding of Service pits — GISO, §3213
Machinery or Equipment installed in — GISO, §3273(j)
PITS, Inside Buildings, Drainage & Ventilation — GISO, §3309
for Oil Collection — PSO-D&P, §6538
PITS & QUARRIES, Floors Of, per MSO — MSO, §6987
PITS, Sunken Location — GISO, §3270(c)
PIVAL, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
PLACARDS, Labels
DOT Markings — GISO, §5194.1
Railway Transport — GISO, §5270
Truck Transport — GISO, §5270
PLACES OF ASSEMBLY — ESO-LV, Article 69
Application / Scope — ESO-LV, §2551.1
Emergency Systems Per Article 80 — ESO-LV, §2551.2(c)
Hazardous Locations Per Article 59 — ESO-LV, §2551.2(a)
Temporary Wiring Per Article 13 — ESO-LV, §2551.2(b)
Wiring Methods — ESO-LV, §2551.3
PLACING BOOM, Concrete Pumps — CSO, §1720(b)
PLAN
Aerosol Transmissible Diseases, Exposure Control Plan — GISO, §5199(d)
Emergency Action — GISO, §3220(a)
Fire Prevention — GISO, §3221(a)
PLANERS (Class A), Metal Working — See under **METAL WORKING MACHINES**
PLANERS, Hand Fed, Woodworking — GISO, §4311
PLANING MACHINES, Woodworking — GISO, §4318
PLANKING, Scaffold Planks
Coating / Painting Scaffold Planking Limits — CSO, §1637(v)
Corners, Scaffold Planking at Corners — CSO, §1637(v)
Damaged Scaffold Planking — CSO, §1637(f)(7)
Deflection Limit — CSO, §1637(w)
Design Requirements of Manufactured Planking — CSO, §1637(f)(3)
Design Requirements of Solid Wood Planking — CSO, §1637(f)(1)
Grading Requirement — CSO, §1637(f)(5)
Defective Scaffold Planking — CSO, §1637(f)(7)
Extension Planking — CSO, §1637(e)
Inspection of Scaffold Planking, Daily — CSO, §1637(f)(6)
Labeling of Manufactured Planking — CSO, §1637(f)(4)
Labeling of Manufactured Planking — CSO, §1637(f)(4)
Lumber, Defined — CSO, §1504
Manufactured Planking — CSO, §1637(f)
Maximum Load — CSO, §1637(w)
Overhang of Planking — CSO, §1637(g)
Painting Scaffold Planking Prohibition / Limit — CSO, §1637(v)
Roofing Operations — CSO, §1724
Slope of Planking, Maximum — CSO, §1637(o)
Span (Maximum), Solid Wood Planking — CSO, §1637(f)(2)
Tower & Rolling Scaffolds — CSO, §1646(e)
PLANNING, Save Logging Operations — LSSO, §6252
PLANTS, Bulk, Flammable / Combustible Liquids — GISO, Article 147
" " " " " " — See also **FLAMMABLE LIQUIDS, GASES & VAPORS**
" " " " " " — See also **BUILDINGS**, Plants, Facilities
Application & Scope — GISO, §5614
Buildings / Rooms — GISO, §5617
Drainage & Waste Disposal — GISO, §5623
Electrical Equipment — GISO, §5621
Electrical Equipment Classified Areas — GISO, §5621, Table FL-19

Fire Control			GISO, §5624
Loading & Unloading Facilities			GISO, §5619
Sources of Ignition			GISO, §5622
Storage			GISO, §5616
Ventilation			GISO, §5618
Waste Disposal			GISO, §5623
Wharves			GISO, §5620
PLANTS, Chemical, Flammable / Combustible Liquids			GISO, §5629
Boiler inspections			B&FPV, §770
Flammable liquids			GISO, §5629
	Fire Protection / Control		GISO, §5629(d), (e)
		Special Fire Extinguishing agent	GISO, §5629(g)
	Piping systems		GISO, §5629(b)
	Pressure Vessels		GISO, §5629(b)
	Smoking Prohibition		GISO, §5629(h)
	Storage		GISO, §5629(a)
	Wharves		GISO, §5629(c)
	Water availability		GISO, §5629(f)
PLANTS, Petroleum Gas Production, per PSO-D&P			See **GAS COMPRESSORS & GAS PLANT REQUIREMENTS**, per PSO-D&P
PLANTS, Industrial, Handling of Flammable Liquids			GISO, Article 142
” ” ”	” ”		See also **FLAMMABLE LIQUIDS, GASES & VAPORS**
” ” ”	” ”		See also **BUILDINGS**, Plants, Facilities
Cleaning			GISO, §5551
Fire Control			GISO, §5548
General, Handling & Use in Physical Operations			GISO, §5546
General, Incidental Use & Handling			GISO, §5545
Housekeeping / Cleaning			GISO, §5551
Maintenance & Operating Practices			GISO, §5551(a)
Repairs to Equipment			GISO, §5550
Sources of Ignition			GISO, §5549
Tank Vehicle Tank Car Loading & Unloading			GISO, §5547
	Facility Operations pursuant to §5619		GISO, §5547(a)
PLANTS, Pilot Plants & Laboratory			PSO-R,T&H, Article 23
Extractors & Centrifuges			PSO-R,T&H, §6887
Laboratories & Pilot Plants			PSO-R,T&H, §6886
PLANTS, Processing, Flammable Chemical Operations			GISO, Article 143
” ” ” ” ” ”			See also **FLAMMABLE LIQUIDS, GASES & VAPORS**
” ” ” ” ” ”			See also **BUILDINGS**, Plants, Facilities
Construction			GISO, §5556
Facility Operations pursuant to Article 147			GISO, §5558
Fire Control			GISO, §5559
Housekeeping / Cleaning			GISO, §5562
Location			GISO, §5555
Maintenance & Operating Practices			GISO, §5562
Maintenance & Repair			GISO, §5561
Scope			GISO, §5554
Sources of Ignition			GISO, §5560
Storage			GISO, §5557
Tank Vehicle Tank Car Loading & Unloading			GISO, §5558
PLANTS, Veneer & Plywood Operation			LSSO, Article 16
” ” ” ” ”			See also **SAWMILLS**
” ” ” ” ”			See also **BUILDINGS**, Plants, Facilities
Barking & Peeling Pits			LSSO, §6375
Core Saws			LSSO, §6380
Edge Gluer Jointer			LSSO, §6386
Patch Machine			LSSO, §6384
Peeling Pits			LSSO, §6375
Sanders			LSSO, §6387
Scissors Lift			LSSO, §6388
Strip-saw			LSSO, §6383
Tray System			LSSO, §6379
Veneer Chipper			LSSO, §6385
Veneer Clipper			LSSO, §6378
Veneer Glue Spreader			LSSO, §6381
Veneer Lathe			LSSO, §6376
Veneer Presses			LSSO, §6382
Veneer Slicer			LSSO, §6377
PLASTERERS, Scaffolds			See Light-Duty Wooden Pole Scaffolds under **SCAFFOLDS**
PLASTER MIXERS			CSO, §1698(e)
Grid Guard Requirement			CSO, §1698(e)(1)-(2)
PLASTIC PROCESSING MACHINERY			GISO, Article 72
Injection Molding Machines			GISO, §4600
Thermo Setting Plastic Molding Presses			GISO, §4601
PLASTIC, PYROXYLIN			GISO, §5186
PLASTICS			
Compressed Natural Gas Piping, Acceptance Testing			UFPV, §560, Appx C
Ladders (Fiberglass)			See **PORTABLE LADDERS**

PLATE SHEARS	See Shears under **METAL WORKING MACHINES**
PLATFORMS, **CROWN**, subject to PSO-D&P	PSO-D&P, Article 25
Access & Lubrication	PSO-D&P, §6592(a)
Ladder Requirements	PSO-D&P, §6592(b)
Gin Pole Masts, Stationary or Portable	PSO-D&P, §6589
Portable Cantilever Derricks & Masts	PSO-D&P, §6590
Portable Jackknife Derricks & Masts	PSO-D&P, §6591
Telescoping Derricks & Masts	PSO-D&P, §6591
PLATFORMS, Construction Operations, per CSO	
Pile driving	CSO, §1600(d)
Roofing Operations	CSO, §1724(d)
PLATFORMS, General Requirements, per GISO	
” ” ”	See also **WALKWAYS & WORK PLATFORMS**
Crane or Derrick Suspended Personnel Platforms	GISO, §5004
Hand power man platforms	See also under **ELEVATORS**
Fall Protection, Open sides of Storage Platforms less than 4’ wide	GISO, §3210(b), Exception (3)
Portions of Loading or Storage Platforms, Specified	GISO, §3210(b), Exception (2)
Portable Platforms, w/ Guardrails impractical	GISO, §3210(b), Exception (4)
Cranes	GISO, §5004
Derricks	GISO, §5004
Powered platforms, Building Maintenance	GISO, Article 6
Application & Scope	GISO, §3292(a), (b)
Definitions	GISO, §3293
Assurance, Employee	GISO, §3292(c)
Construction of	GISO, §3295
Design requirements	GISO, §3299, Appx A
Equipment installations	GISO, §3295
Existing installations	GISO, §3299, Appx D
Fall protection	GISO, §3299, & Appx C
Inspection & Testing of Installation	GISO, §3296
Procedures	GISO, §3299, Appx A
Installations	
Equipment	GISO, §3295
Inspections	GISO, §3296
Maintenance of Equipment affecting Safe Operations	GISO, §3297
Procedures	GISO, §3299, Appx A
Operations	GISO, §3298
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Use of Equipment	GISO, §3298(a)
Examples	GISO, §3299, Appx A
Personal Fall Protection	GISO, §3299
Clarification Standards	GISO, §3299, Appx A
Powered Platform Installations, Equipment	GISO, §3295
Design Standards	GISO, §3299, Appx A
Powered Platform Installations, Parts of Buildings	GISO, §3294
Illustrations	GISO, §3299, Appx B
Mandatory Requirements	GISO, §3299, Appx D
Stabilization Systems	GISO, §3299, Appx A
Diagrams	GISO, §3299, Appx B
Suspension methods	GISO, §3295
Tests	GISO, §3296
Training	GISO, §3299, Appx A
Railings, Open sides of Storage Platforms less than 4’ wide	GISO, §3210(b), Exception (3)
Portions of Loading or Storage Platforms, Specified	GISO, §3210(b), Exception (2)
Portable Platforms, w/ Guardrails impractical	GISO, §3210(b), Exception (4)
Scaffolds	See **SCAFFOLDING**
PLATFORMS, Tunneling Operations	
Jumbos	TSO, §8450
PLATFORMS, Mining Operations, per MSO	
Underground	MSO, §7007
PLATFORMS, Oil & Gas Well Operations, per PSO-D&P,	
Cantilever derricks and masts portable	PSO-D&P, §6595
Crown platforms	PSO-D&P, §6589
Access & Lubrication	PSO-D&P, §6592(a)
Ladder Requirements	PSO-D&P, §6592(b)
Gin Pole Masts, Stationary or Portable	PSO-D&P, §6589
Portable Cantilever Derricks & Masts	PSO-D&P, §6590
Portable Jackknife Derricks & Masts	PSO-D&P, §6591
Telescoping Derricks & Masts	PSO-D&P, §6591
Derricks	
Access	PSO-D&P, §6592
External platforms	PSO-D&P, §6561
Internal platforms	PSO-D&P, §6560
Ladderways	PSO-D&P, §6565
Loading platforms	PSO-D&P, §6652
Safe Access to	PSO-R,T&H, §6879
Pipe and sucker rod racks	PSO-D&P, §6594

Process equipment maintenance — PSO-R,T&H, §6838
Wharves and piers — PSO-D&P, §6659
PLATFORMS, Pin-On — GISO, §3647
PLATFORMS, Telecommunication Operations
Overhead line precautions — TelSO, §8615
Underground line precautions — TelSO, §8616
PLATFORMS, Shafts & Inclines, per TSO — TSO, §8494(a)(4), (5), (6), (9)
PLATFORMS, Work, Elevating — GISO, §3646(a)(3)
PLATINUM METAL, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
PLATINUM SOLUBLE SALTS, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
PLICTRAN, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
PLUG & CORD CONNECTED EQUIPMENT
Connections, Cord — ESO-LV, §2360.5
Non-Grounding Type & Adapters — ESO-LV, §2510.58
Grounding Requirement — ESO-LV, §2395.45
Method of Grounding — ESO-LV, §2395.59
Non-Grounding Type & Adapters — ESO-LV, §2510.58
Grounded type — ESO-LV, §2395.45
Use with non-Grounded Type Receptacles Prohibited — ESO-LV, §2510.58(a)
Skirted Plugs, 300 volts or over — ESO-LV, §2510.7
Un-grounded — ESO-LV, §2395.45
PLUGS, Non-Interchangeable — ESO-LV, §2510.56(b)
Grounded type — ESO-LV, §2395.45
Use with non-Grounded Type Receptacles Prohibited — ESO-LV, §2510.58(a)
PLUMBER'S, Torches & Pots
LP-Gas Vessels, use in pots or torches — CSO, §1740(i)
PLUMBING UP, Truing — CSO, §1716(d)
PLUNGER CONTROL, Die Casting — GISO, §4264
PLYWOOD PLANTS — See **PLANTS**, Veneer & Plywood Plants
PLYWOOD & Similar Material Stacked, Stabilizing — CSO, §1549(d)
PNEUMATIC & POWDER ACTUATED TOOLS — GISO, §3559
PNEUMATIC POWER HAND TOOLS — CSO, §1707(b)
PNEUMATICALLY-DRIVEN NAILERS & STAPLERS — CSO, §1704
Definitions — CSO, §1704(a)
General Safety Requirements — CSO, §1704(b)
Disconnecting Requirement — CSO, §1704(c)
Air Hose, Securing of — CSO, §1704(d)
Safety Device — CSO, §1704(e)
Code of Safe Practice Requirement — CSO, §1704(f)
Trainers — CSO, §1704(g)
POINTS OF OPERATION SAFEGUARDING — GISO, §4206
Devices — GISO, §4208
Guards — GISO, §4207
Presence Sensing Device Initiation — GISO, §4208.1
Certification of — GISO, §4208.1, Appx A
POINTS OF OPERATIONS TOOL & MACHINERY GUARDING
Definition — GISO, §4188(a)
Foot-Operated Devices — GISO, §4185
Machine Guarding — GISO, §4184
Maintenance of Tools & Guards — GISO, §4186
Rolls, Guarding of — GISO, §4187
POISONS
Carcinogens — See **CARCINOGENS**
Fumigation with — See **FUMIGATION**
Pesticides — See **PESTICIDES**
POLARITY OF CONNECTIONS, Electrical — ESO-LV, §2350.2(b)
POLE CLIMBERS, Gaffs — TelSO, §8607
Gaff Length — TelSO, §8607(a)
Safety Caps — TelSO, §8607(a)
Gaff Safety Caps — TelSO, §8607(a)
Inspections of Pole Climbers — TelSO, §8607(b)
Test, Gaff Cut-out, Weekly — TelSO, §8607(c)
Use of, Wood Poles only — TelSO, §8607(d)
POLE LINE GROUNDING, for Employee Protection — TelSO, §8614
POLE, TOWERS & LADDERS — TelSO, §8608
POLES, Handling of — TelSO, §8612(a)
Damaged or unstable, per HV ESO — ESO-HV, §2940.8
Handling Poles Near High-Voltage — TelSO, §8611(a)
POLES, TEMPORARY — ESO-LV, §2405.3
POLISHING & BUFFING MACHINES, Metal Work — See under **METAL WORKING MACHINES**
POLISHING MACHINE, Pedestal Type, Guard — GISO, §4237
POLISHING OPERATIONS, Protective Equipment — See **GRINDING, POLISHING & BUFFING OPERATIONS**
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Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
POMACE PUMPS, Food Service		GISO, §4539
PONDS, for Oil Collection		PSO-D&P, §6538
PONDS, Log Ponds		LSSO, §6341
Lighting / Illumination, Night Time or Darkness		LSSO, §6340(b)
Log Conveyors, Log Hauls		LSSO, §6344
Log Handling Operations		LSSO, §6340
Storage Facilities		LSSO, §6340
POOLS, SWIMMING		See **SWIMMING POOLS**
POPCORN CEILINGS		See Presumed Asbestos Containing Material under **ASBESTOS**
PORTABLE ABRASIVE WHEELS		See **ABRASIVE WHEELS**
PORTABLE, Appliances, Stands for		ESO-LV, §2522.11
PORTABLE, Air Compressors		CSO, §1696
Blocking / Locking of Air Compressors		CSO, §1696(a)
Guarding Fans of Air Compressors		CSO, §1696(b)
Draining of Condensate in Air Compressors		CSO, §1696(c)
Testing, Safety Valves		CSO, §1696(d)
Tanks, Comply UVPV		CSO, §1696(e)
PORTABLE, Equipment, Electrical		
Collector Rings		ESO-HV, §2909
Enclosures		ESO-HV, §2908
General		ESO-HV, §2906
Grounding		ESO-HV, §2912
Grounding, Cord- & Plug-connected		ESO-LV, §2395.45(a)
High-Voltage Portable Main Power Supply		ESO-HV, §2911
Over-current Protection		ESO-HV, §2907
Power Cable Connections to Mobile Machines		ESO-HV, §2910
PORTABLE FIRE EXTINGUISHERS		**FIRE EXTINGUISHERS**
PORTABLE GENERATORS		ESO-LV, §2395.6
Grounded Conductor, AC Systems		ESO-LV, §2395.25
Grounded Conductor	per §2395.25	ESO-LV, §2395.6(c)
Portable		ESO-LV, §2395.6(a)
Vehicle-mounted		ESO-LV, §2395.6(b)
PORTABLE GRINDERS		GISO, §3583
PORTABLE HAND LAMPS		ESO-LV, §2510.6
Grounding, Electrical, Cord- & Plug-connected		ESO-LV, §2395.45(a)
PORTABLE LADDERS		See also **LADDERS**
Access, Elevated Work Area		GISO, §3276(e)(10)
Access, Landing		GISO, §3276(e)(11)
Access, Outdoor Advertising Structures		GISO, §3276(d)(4)
Angle of Inclination		GISO, §3276(e)(9)
Application & Scope		GISO, §3276(a)
Cleaning of		GISO, §3276(e)(4)
Damaged Ladders		GISO, §3276(e)(3)
Definitions		GISO, §3276(b)
Design & Construction		GISO, §3276(c)
Duty Rating		GISO, §3276(d)(2)
Footing / Placement		GISO, §3276(e)(7)
Inspection of		GISO, §3276(e)(2)
Jack Scaffolding, used with		GISO, §3276(d)(3)
Leveling of, Use of Levelers		GISO, §3276(e)(7)
Loading of		GISO, §3276(e)(1)
Maintenance of		GISO, §3276(e)(1)
Outdoor Advertising Structures, used to Access		GISO, §3276(d)(4)
Painting, Surface Coating of Ladders		GISO, §3276(e)(5)
Placement of		GISO, §3276(e)(7)
Securing of Ladders		GISO, §3276(e)(8) & (9)
Selection of Access		GISO, §3276(d)
Sitting, Kneeling or Stepping on topcap, pail shelf or next lower step prohibited		GISO, §3276(e)(15)(E)
	Exception: Steps 18" Below Topcap	GISO, §3276(e)(15)(E), Note
Step ladders		
	Construction Requirements	GISO, §3276(c)
	Definitions	GISO, §3276(b)
	Prohibited Use	GISO, §3276(e)(15)(E)-(F) & (16)
Step stool (ladder type)		
	Definition	GISO, §3276(b)
	Design & Construction	GISO, §3276(c)(5)
	Scope	GISO, §3276(a)
Top Support of Ladders		GISO, §3276(e)(8) & (9)
Tying off / Securing of Ladders		GISO, §3276(e)(8) & (9)
Wood Ladders, Painting Prohibition		GISO, §3276(e)(5)
PORTABLE POWER DRIVEN CIRCULAR HAND SAWS		GISO, §4307
Base Plate		GISO, §4307(a)
Hinged Guard		GISO, §4307(b)
Lower Half		GISO, §4307(b)
Shoe		GISO, §4307(a)

Teeth			GISO, §4307(a)
Telescopic Guard			GISO, §4307(b)
Upper Guard			GISO, §4307(a)
PORTABLE POWER-DRIVES			
Controls, Momentary Contact Device			GISO, §4086
Dead-man's Switch			GISO, §4086
Definition of			GISO, §3941
PORTABLE, Power Tools			
Airless Spray Guns			GISO, §3559.1
Controls, Portable Power Drives, Momentary Contact Device			GISO, §4086
Controls & Switches for Portable Tools			GISO, §3557
Dead- man's Switch, Momentary Contact Device			GISO, §4086
Defective, Remove from service			CSO, §1699(a)
Definitions			GISO, §3555
Electrical Power Hand Tools			
	Lifting / Hoisting by Electric Cord		CSO, §1707(a)
Employers Responsibility			GISO, §3556(a)
Grounding, Electrical, Cord- & Plug-connected			ESO-LV, §2395.45(A)
High Voltage Operations, Used during			ESO-HV, §2940.6(g)
Hydraulic power tools, Safe Operating Pressure			CSO, §1707(c)
Intended Use, Only used for			GISO, §3556(b)
Jacks			GISO, §3562
Lawn Mowers, Power			GISO, §3563
Lifting / Hoisting tools by its Electric Cord Prohibited			CSO, §1707(a)
Logging & Sawmill Operations related			LSSO, §6263
Pneumatic & Powder Actuated Tools			GISO, §3559
Pneumatically Driven Nailers & Staplers			CSO, §1704
	Air Hose, Securing of		CSO, §1704(d)
	Code of Safe Practice Requirement		CSO, §1704(f)
	Definitions		CSO, §1704(a)
	Disconnecting Requirement		CSO, §1704(c)
	General Safety Requirements		CSO, §1704(b)
	Safety Device		CSO, §1704(e)
	Trainers		CSO, §1704(g)
Pneumatic Power Tool General Requirements			CSO, §1707(b)
	Hose Connections, By Positive Means		CSO, §1707(b)(1)
	Lifting / Hoisting by Hoses Prohibited		CSO, §1707(b)(3)
	Safe Operating Pressure, Manufacturer's		CSO, §1707(b)(2)
Portable Winches			GISO, §3564
Power-Operated Hand Tools			CSO, §1707
	Lifting / Hoisting by Electric Cord Prohibited		CSO, §1707(a)
	Pneumatic Power Tools		CSO, §1707(b)
		Hose Connections, By Positive Means	CSO, §1707(b)(1)
		Lifting / Hoisting by Hoses Prohibited	CSO, §1707(b)(3)
		Safe Operating Pressure, Manufacturer's	CSO, §1707(b)(2)
Powder Actuated Tools			See **TOOLS**, **POWDER-ACTUATED**
Preventing Tools from falling			CSO, §1699(b)
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	Shaft Ends, Projecting	GISO, §4051
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Process machine power control		GISO, §4000
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	Batteries, Electrical Storage	PSO-D&P, §6684(h)
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	PHA report		GISO, §5189.1(e)(8)
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	Process Hazard Analysis (PHA)		GISO, §5189.1(e)(1)
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	Damage Mechanism Review (DMR)		GISO, §5189.1(d)(1)
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		Relief system	GISO, §5189.1(d)(6)(D)
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	Process Hazard Analysis (PHA)		GISO, §5189.1(d)(1)
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PROCESSING PLANTS, Flammable Chemical Operations	GISO, Article 143
” ” ” ”	See also **FLAMMABLE LIQUIDS, GASES & VAPORS**
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Electrical Equipment, not Approved for Deteriorating Agents, Conditions	ESO-LV, §2340.11(a)
Equipment not meeting the Assured Equipment Grounding Conductor Program	ESO-LV, §2405.4(d)(6)
Equipment w/ Defective Parts which Create Hazard	GISO, §3328(c)
Fall Arrest Systems subjected to In-Service loading	CSO, §1670(h)
Safety Belt Prohibited as Fall Arrest System	GISO, §3284(b)
Gas Cylinders Used As Support or Rollers Prohibited	GISO, §4650(q)
Heaters, Solid Fuel Salamanders, Prohibited	CSO, §1693(e)
Internal Combustion Engines in Tunnel Construction, Except Diesel	TSO, §8470
Internal Combustion Engines in Mining Operations	MSO, §7069
Permitted Use of Diesel Engines, Underground	MSO, §7070
Prohibition of Stationary Engine Near Mine Opening	MSO, §7068
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Metal / Conductive Ladder near Electrical Hazard	GISO, §3276(e)(18)
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Metal / Conductive Ladders at Telecomm Operations	TelSO, §8608(d)
Exception when used in Manhole & Vault	TelSO, §8608(d)
Single Rail Portable Ladders, General Industry	GISO, §3276(d)
Single Rail Portable Ladders, in Construction Operations	CSO, §1675(d)
Single Rail Fixed Ladders, General Industry	GISO, §3278(b)
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Wooden Ladders with Painted Surface Coating	GISO, §3276(e)(5)
Man-lifts, Endless Belt-type	CSO, §1604.1(a)(3)
Motion Picture Projector Switches, Overcurrent Devices & Other	ESO-LV, §2554.11
Over-Loaded Equipment, Loaded Beyond Rated Capacity	GISO, §3660(b)
Loads which endanger Employees	GISO, §3328(a)
Petroleum Fueled Lamps in Tunneling Operations	TSO, §8445(h)
Portable Sills & Window Jacks, Window Cleaning Operations	GISO, §3290
Safety Belt Prohibited as Fall Arrest System	GISO, §3284(b)
Salamanders, Solid Fuel Heaters, Prohibited	CSO, §1693(e)
Scaffolds, Prohibited types	CSO, §1637(j)
Lean-to Scaffolds, Illustration	CSO, §1938, Appx B, Plate B-40
Nailed Bracket Scaffolds, Illustration	CSO, §1938, Appx B, Plate B-40
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Short handled hoe & hand held tool use as specified	GISO, §3456(b)
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Window Cleaning, Window Jacks & Portable Sills	GISO, §3290
Wire Rope Clips for use w/ Elevators	ElevSO, §3042(j)(1)(B)
Wire Rope Guided Construction Hoists	CSO, §1604.1(a)(4)
Wobble Saw, Dado Blade	GISO, §4323
PROJECTING SHAFT ENDS	GISO, §4051(a)
PROJECTION ROOMS, Motion Picture	GISO, §3245
” ” ” ” ” ” ”	See also **MOTION PICTURE**
PROJECTIONS, Machine Guarding	GISO, §4002(b)
PRONGS, on Electrical Plugs	
Grounding	ESO-LV, §2395.45
Use with non-Grounding Type Receptacles Prohibited	ESO-LV, §2510.58(a)
PROPANE, Air Contaminant	See also **LIQUEFIED PETROLEUM GAS**
Exposure limits	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
PROPANE (FUEL GAS), ACETYLENE, & OXYGEN	CSO, Article 32
Connections & Hoses	CSO, §1742
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PROPANE SYSTEMS			See **LIQUEFIED PETROLEUM GAS**
PROPARGYL ALCOHOL, Air Contaminant, Exposure limits			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
PROPARGYL BROMIDE, Process Safety Management			GISO, §5189, Appx A
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PROPIONIC ACID, Air Contaminant, Exposure limits			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
PROPOXUR, Air Contaminant, Exposure limits			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
PROPYL ACETATE, Air Contaminant, Exposure limits			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
PROPYL ALCOHOL, Air Contaminant, Exposure limits			GISO, §5155, & Appx A
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PROPYLENE, Air Contaminant, Exposure limits			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
PROPYLENE DICHLORIDE, Air Contaminant, Exposure limits			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
PROPYLENE GLYCOL DINITRATE, Air Contaminant, Exposure limits			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
PROPYLENE GLYCOL MONOMETHYL ETHER			
Air Contaminant, Exposure limits			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
PROPYLENEIMINE, Air Contaminant, Exposure limits			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
PROPYLENE OXIDE, Air Contaminant, Exposure limits			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
PROPYL NITRATE, Air Contaminant, Exposure limits			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
Process Safety Management			GISO, §5189, Appx A
PROPYNE (Methyl Acetylene), Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
PROTECTION FROM WILDFIRE SMOKE			GISO, §5141.1
Scope and application			GISO, §5141.1(a)
	Applicable workplaces		GISO, §5141.1(a)(1)
	Exempt workplaces and operations		GISO, §5141.1(a)(2)
	Employer compliance		GISO, §5141.1(a)(3)
Definitions			GISO, §5141.1(b)
	Current Air Quality Index (Current AQI)		GISO, §5141.1(b)
	NowCast	See Current Air Quality Index	GISO, §5141.1(b)
	NIOSH		GISO, §5141.1(b)
	PM2.5		GISO, §5141.1(b)
	Wildfire smoke		GISO, §5141.1(b)
Identification of harmful exposures			GISO, §5141.1(c)
	Exposure to PM2.5		GISO, §5141.1(c)
	AQI forecasts		GISO, §5141.1(c)(1), (2)
	Current AQI for PM2.5		GISO, §5141.1(c)(1), (2)
	Conversion of PM2.5 levels AQI		GISO, §5141.1(c)(3)
	Conversion of PM2.5 levels AQI, Appendix A	Appendix A	GISO, §5141.1, Appx. A
	Exception for PM2.5 AQI greater than 500		GISO, §5141.1(c)(3)
Wildfire smoke hazard communication			GISO, §5141.1(d)
	Communication system		GISO, §5141.1(d)
		Informing employees	GISO, §5141.1(d)(1)
		Encouraging employees	GISO, §5141.1(d)(2)
Training and instruction			GISO, §5141.1(e)
	Training content		GISO, §5141.1(e)
	Training content, Appendix B	Appendix B	GISO, §5141.1, Appx. B
Control of harmful exposures			GISO, §5141.1(f)
	Emergencies		GISO, §5141.1(f)(1)
	Rescue and evacuation		GISO, §5141.1(f)(1)
	Engineering Controls		GISO, §5141.1(f)(2)
	Administrative Controls		GISO, §5141.1(f)(3)
	Respiratory Protective Equipment		GISO, §5141.1(f)(4)
		AQI for PM2.5 between 150 to 500	GISO, §5141.1(f)(4)(A)
		AQI for PM2.5 exceeds 500	GISO, §5141.1(f)(4)(B)
		Approved respirators	GISO, §5141.1(f)(4)(A)
		Cleaning, storage, maintainence, and replacement	GISO, §5141.1(f)(4)(A)
		Training for voluntery use	GISO, §5141.1(f)(4)(A)
		Training for voluntery use, Appendix B	GISO, §5141.1, Appx. B
		Assigned protection factor	GISO, §5141.1(f)(4)(B)
PROTECTION FROM WILDFIRE SMOKE, APPENDIX A			GISO, §5141.1, Appx. A

Measuring PM2.5 levels at the worksite	GISO, §5141.1, Appx. A
Monitoring with a direct reading instrument	GISO, §5141.1, Appx. A(a)
Monitor design	GISO, §5141.1, Appx. A(b)
Calibration, maintainence, and use	GISO, §5141.1, Appx. A(c)
Monitoring equipment	GISO, §5141.1, Appx. A(c)
Monitor accessories	GISO, §5141.1, Appx. A(c)
Concentration of airborne particle	GISO, §5141.1, Appx. A(b)
Manufacturer instruction	GISO, §5141.1, Appx. A(c)
Conversion table, PM2.5 conc. to AQI	GISO, §5141.1, Appx. A(d)
PM2.5 concentration to PM 2.5 AQI conversion	GISO, §5141.1, Appx. A(d)
Training or experience	GISO, §5141.1, Appx. A(e)
Person supervising, directing, or evaluating workplace	GISO, §5141.1, Appx. A(e)
PROTECTION FROM WILDFIRE SMOKE, APPENDIX B	GISO, §5141.1, Appx. B
Information to be provided to employees	GISO, §5141.1, Appx. B
Health effects of wildfire smoke	GISO, §5141.1, Appx B(a)
What is particulate matter (PM)?	GISO, §5141.1, Appx B(a)
What is PM2.5?	GISO, §5141.1, Appx B(a)
Right to medical treatment	GISO, §5141.1, Appx B(b)
Availability of Air Quality Index (AQI)	GISO, §5141.1, Appx B(c)
Title 8 requirements about wildfire smoke	GISO, §5141.1, Appx B(d)
Employer requirements	GISO, §5141.1, Appx B(d)
Employee training	GISO, §5141.1, Appx B(d)(2)
Respirators	GISO, §5141.1, Appx B(d)(4)
Employer's communication system	GISO, §5141.1, Appx B(e)
Employer's methods for protection	GISO, §5141.1, Appx B(f)
Examples of protective methods	GISO, §5141.1, Appx B(f)
Respirators and their use	GISO, §5141.1, Appx B(g)
The importance of using a respirator	GISO, §5141.1, Appx B(g)
The benefit of using a respirator	GISO, §5141.1, Appx B(g)
The limitations of using a respirator	GISO, §5141.1, Appx B(g)
Precautions to use	GISO, §5141.1, Appx B(g)
Labeling or certification	GISO, §5141.1, Appx B(g)(1)
Following manufacturer’s instructions	GISO, §5141.1, Appx B(g)(2)
Use, maintenance, cleaning and care	GISO, §5141.1, Appx B(g)(2)
Medical evaluations, fit testing, and shaving	GISO, §5141.1, Appx B(g)(2)
Warnings on respirator’s limitations	GISO, §5141.1, Appx B(g)(2)
Keeping track of respirators	GISO, §5141.1, Appx B(g)(4)
Employee with heart or lung problem	GISO, §5141.1, Appx B(g)(5)
Putting on, using, and maintaining respirators	GISO, §5141.1, Appx B(h)
Employee with facial hair	GISO, §5141.1, Appx B(h)
Proper way to put on a respirator	GISO, §5141.1, Appx B(h)
Fitting of a filtering facepiece respirator	GISO, §5141.1, Appx B(h)(1),(2)
User seal checks	GISO, §5141.1, Appx B(h)(2)
Rrespirator replacement	GISO, §5141.1, Appx B(h)(2)
Having difficulty breathing, dizziness, or nausea?	GISO, §5141.1, Appx B(h)(2)
PROTECTIVE CLOTHING	GISO, §5155(d)
Cleaning, Sanitation	GISO, §3387
Flame Resistant Apparel, High Voltage Electrical Work	ESO-HV, §2940.6(k)
Flame Resistant Apparel, Low Voltage Electrical Work	ESO-LV, §2320.2(a)(8)
Privatre Fire Brigades	GISO, §3411(d)
PROTECTIVE BOOTS & SHOES	GISO, §3385
Private Fire Brigades	GISO, §3411(d)
Welding Operations, Wet & High Humidity	GISO, §4851(m)
PROTECTIVE EQUIPMENT & TOOLS	
Impalement Protection	See **REINFORCING STEEL**, Protection from
Fall Protection	See **PERSONAL FALL PROTECTION REQUIREMENTS**
Drowning Hazard	See **PERSONAL FLOTATION DEVICES**
Personal Protective Devices	See **PERSONAL PROTECTIVE DEVICES**
Guarding of Tools & Equipment	See **EQUIPMENT GUARDING**
Ventilation	See **VENTILATION**
PROTECTIVE FOOTWEAR, Private Fire Brigades	GISO, §3411(d)
PROTECTIVE SYSTEMS, Cave-in Protection, Excavations	CSO, §1541.1
PROTRUDING NAILS & SPLINTERS	GISO, §3273(a)
PROTRUDING REBAR	CSO, §1712(a)
PRUNING TOWERS (Orchard Manlifts)	GISO, §3641
PSM, Process Safety Management	GISO, §5189
Application & Scope	GISO, §5189(a), (b)
Definitions	GISO, §5189(c)
Acutely Hazardous Substances (List)	GISO, §5189, Appx A

Contractors		GISO, §5189(h)
Emergency Planning & Response		GISO, §5189(n)
Employee Participation		GISO, §5189(p)
Hot Work Permit		GISO, §5189(k)
Incident Investigation		GISO, §5189(m)
Information, Process Safety, Written		GISO, §5189(d)
Injury & Illness Prevention Program		GISO, §5189(o)
Management of Change		GISO, §5189(l)
Mechanical Integrity		GISO, §5189(j)
Operation Procedures		GISO, §5189(f)
Pre-Start Up Safety Review		GISO, §5189(i)
Process Hazard Analysis		GISO, §5189(e)
Safety Review, Pre-Start Up		GISO, §5189(i)
Training		GISO, §5189(g)
PSM, Process Safety Management, Petroleum Refineries		See also **PROCESS SAFETY MANAGEMENT (PSM)**, Petroleum Refineries
Application		GISO, §5189.1(b)
Scope and Purpose		GISO, §5189.1(a)
Definitions		GISO, §5189.1(c)
Compliance Audits		GISO, §5189.1(u)
Contractors		GISO, §5189.1(h)
Damage Mechanism Review		GISO, §5189.1(k)
Division Access to Documents and Information		GISO, §5189.1(w)
Emergency Planning and Response		GISO, §5189.1(p)
Employee Participation		GISO, §5189.1(q)
Hierarchy of Hazard Controls Analysis		GISO, §5189.1(l)
Hot Work		GISO, §5189.1(m)
Human Factors		GISO, §5189.1(s)
Implementation		GISO, §5189.1(x)
Incident Investigation – Root Cause Analysis		GISO, §5189.1(o)
Management of Change		GISO, §5189.1(n)
Management of Organizational Change		GISO, §5189.1(t)
Mechanical Integrity		GISO, §5189.1(j)
Operating Procedures		GISO, §5189.1(f)
Pre-Start-Up Safety Review		GISO, §5189.1(i)
Process Hazard Analysis		GISO, §5189.1(e)
Process Safety Culture Assessment		GISO, §5189.1(r)
Process Safety Information		GISO, §5189.1(d)
Process Safety Management Program		GISO, §5189.1(v)
Training		GISO, §5189.1(g)
PUBLIC UTILITIES		
Boiler inspections		B&FPV, §770
Demolition of Buildings, Notification of		CSO, §1735(a)
Underground Utilities, Determination of Location before Excavating		CSO, §1541(b)
PULL BOXES, Electrical		ESO-HV, Article 8
Conductors Entering Boxes, Cabinets or Fittings		ESO-HV, §2754.1
Construction & installation Requirements		ESO-HV, §2753
Covers & Canopies		ESO-HV, §2754.2
Size of Pull Boxes & Raceway Entrance Locations		ESO-HV, §2752
PULLEY & BELT DRIVES		
Belt Tighteners		GISO, §4071
Guarding		GISO, §4070
PULLEYS & RELATED SYSTEMS		
Belt Pulleys, Location of		GISO, §4060(a)
	Belt Stop	GISO, §4060(b)
	Belt Perches	GISO, §4060(c)
Composition Pulleys, Out of Service		GISO, §4063
Corrosion, Pulleys Exposed to		GISO, §4062
Counter shafting		
	Guarding exposed parts	GISO, §4050
	Location of pulleys on	GISO, §4060
Coupling		
	Guarding exposed parts	GISO, §4050
Drives guarding		GISO, §4070
Line shaft, Guarding of		GISO, §4050
Flat Belt		GISO, §4070(c)
Guarding exposed Shafting, Collars, Clutches, & Couplings		GISO, §4050
Guardrail, by		GISO, §4070(c)
Location on Shaft	of Pulleys	GISO, §4060
Metallic Belt Fasteners / Lacings		GISO, §4070(h)
Out of Service, Composition & Wooden Pulleys		GISO, §4063
Overhead		GISO, §4070(d)
Permanently out of service Pulleys, removal of		GISO, §4063
Projecting shaft ends, Guarding of		GISO, §4051
Pulleys		GISO, §4050
Pulleys 7 feet or less		GISO, §4070(a)
Rope Drive		GISO, §4070(e), (f), (g)
Shafting, Collars, Clutches, & Couplings Guarding		GISO, §4050

Shifters		GISO, §3998
Tail Pulleys		GISO, §3999(b)
Tighteners		GISO, §4071
Wooden Pulleys		GISO, §4063
PULL ROPE, Wire		PSO-D&P, §6640
PULP, PAPER, & CARDBOARD MILL OPERATIONS		GISO, Article 64
	Application & Scope	GISO, §4401
Alarm, Broke Hole Use		GISO, §4417
Bridge & Dock Plates		GISO, §4411
Broke Hole, Material Through		GISO, §4417
Calenders & Similar Rolls		GISO, §4428
Chlorine Dioxide & Sodium Chlorate		GISO, §4419
Chocking Rolls & Machine Room		GISO, §4422
	Core Shafts	GISO, §4422(d)
	Emergency Stopping Control	GISO, §4422(a)
	Lever Weights	GISO, §4422(b)
	Winders & Rewinders	GISO, §4422(c)
Controls & Safety Devices		GISO, §4404
Converting Operations		GISO, §4424
Conveyors, Signs		GISO, §4412(b)
Corrugators		GISO, §4426
Counting & Sorting Tables		GISO, §4425
De-Energizing & Lock-out		GISO, §4413
Dock Plates & Bridge		GISO, §4411
Employee Instruction		GISO, §4402
Exits, Batch Digester Building		GISO, §4403
Furnace, Recovery Furnace Area		GISO, §4421
Guards, Machine Guarding		GISO, §4406
Guillotine Type Roll Splitters		GISO, §4416
Instruction, Employee		GISO, §4402
Illumination, Lighting		GISO, §4408
Kiln Gun & Ammunition, Use of		GISO, §4418
Lighting		GISO, §4408
Lock-out & De-Energizing		GISO, §4413
Machine Room & Chocking Rolls		GISO, §4422
	Emergency Stopping Control	GISO, §4422(a)
	Lever Weights	GISO, §4422(b)
	Winders & Rewinders	GISO, §4422(c)
	Core Shafts	GISO, §4422(d)
Mobile Equipment		GISO, §4409
Offloading of Railcars & Trucks		GISO, §4410
Paper Machines		GISO, §4423
Personal Protective Equipment		GISO, §4407
Platen Cutters, Automatic Feed		GISO, §4427
Processing & Stock		GISO, §4415
Pulp Storage		GISO, §4420
Railcars, Offloading of		GISO, §4410
Recovery Furnace Area		GISO, §4421
Roll Splitters, Guillotine Type		GISO, §4416
Safety Devices & Controls		GISO, §4404
Sorting & Counting Tables		GISO, §4425
Stock Preparation & Processing		GISO, §4415
Sulfur, Hand1ing of Liquid Sulfur		GISO, §4414
Training, Employee		GISO, §4402
Training, Use of Kiln Gun & Ammunition		GISO, §4418
Trucks, Offloading of		GISO, §4410
Warning Signs in Work Areas		GISO, §4403
Water, Working over		GISO, §4405
Work Areas		GISO, §4403
PUMPJACK SCAFFOLDS		CSO, §1655
” ” ” ”	See also **SCAFFOLDS**	
PUMPS, Concrete Pumping System, per CSO		CSO, §1720(b)
PUMPS, Pipelines, Fittings & Valves, per PSO-R,T&H		
Drainage, Oil Collection		PSO-R,T&H, §6844(a)
Leakage control		PSO-R,T&H, §6844
Piping, Fitting, & Valves		PSO-R,T&H, §6845
Shielding Requirement		PSO-R,T&H, §6844(b)
PUMPS, Oil Well Pumping Machinery & Equipment		
Construction installation and maintenance		PSO-D&P, §6630
Guarding		PSO-R,T&H, §6631
Guarding, Nuisance		PSO-R,T&H, §6633
Pressure Relief Devices		PSO-D&P, §6634
Walking beam access		PSO-R,T&H, §6844
PUNCH PRESSES		GISO, §4215
PUNCTURE-RESISTANT FOOTWEAR		GISO, §3411(d)
PYRETHRUM, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1

PYRIDINE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
PYROPHORIC SUBSTANCES — GISO, §5176
PYROTECHNICS
Application & Scope — GISO, §5236
Definition of — GISO, §5237
Manufacturing & Processing — GISO, §5319
PYROXYLIN PLASTIC, Hazardous substance as — GISO, §5186

Q

List of Acronyms

QUALIFIED ELECTRICAL WORKER
Definition, High Voltage Electrical Safety Orders — ESO-HV, §2700
Definition, Low Voltage Electrical Safety Orders — ESO-LV, §2300
Energized High-Voltage Systems — ESO-HV, §2940(c)
Line Clearance Tree Trimming Operations — ESO-HV,§2950(b) Exception No. 3
Work Near Energized Equipment and Facilities — ESO-HV, §2944(g)
QUALIFIED LINE CLEARANCE TREE TRIMMER
Definition, High Voltage Electrical Safety Orders — ESO-HV, §2700
Definition, Low Voltage Electrical Safety Orders — ESO-LV, §2300
Line Clearance (Tree Trimming) Operations — ESO-HV, §2951
QUALIFIED PERSON
Definition, Construction Operations — CSO, §1504
Definition, General Industry — GISO, §3207
Definition, Material Handling Devices, Conveyors, Elevator Standards — GISO, §3007(b)
Definition, Oil & Gas Refinery Operations — PSO-R,T&H , §6755
Definition, Oil & Gas Well Operations — PSO-D&P , §6505
Definition, High Voltage Electrical Safety Orders — ESO-HV, §2700
Definition, Scaffolding — CSO, §1637(k)(1),Note
Definition, Telecommunication Operations — TelSO, §8601
Definition, Unfired Pressure Vessels — UFPV , §453
Definition, High Voltage Electrical Safety Orders — ESO-HV, §2700
Definition, Low Voltage Electrical Safety Orders — ESO-LV, §2300
QUALIFIED TELECOMMUNICATION WORKER
Definition — TelSO, §8601
Climbing or changing location on poles, towers, or similar structures — TelSO, §8615(g)(2)
QUALITY, AIR
Compressed Air, Diving Operations — GISO, §6057(b)(3)
HVAC Systems — GISO, §5142
QUARRIES & PITS, Floors Of, per MSO — MSO, §6987
QUINONE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1

R

List of Acronyms

RACEWAYS, Metal, Electrical — ESO-LV, §2395.75
RACK & PINION, Automotive Lifts — See GISO, Article 19
Definition — GISO, §3541(d)
Control Mechanism — GISO, §3544
Descent Speed — GISO, §3549
Design — GISO, §3542(a)-(c)
Inspection, Operation, Maintenance — GISO, §3542(d)
Marking / Labeling Requirements — GISO, §3543
Working Area, Under Lift — GISO, §3547
Supports, Chassis & Axle — GISO, §3548
RACK & PINION ELEVATORS
Group III Elevators — ElevSO, §3133
Group II Elevators
Special Purpose Personnel Elevators
Buffers, Car and Counterweight — ElevSO, §3085.12(b)
Car Safeties and Governors — ElevSO, §3085.17(d)
Clearance, Car Top to Overhead Structure — ElevSO, §3085.4(d)
Drive Machine of Special Purpose Personnel Elevators — ElevSO, §3085.20(a)
Definition — ElevSO, §3009(b)
Guides, & Masts, Car Securely of — ElevSO, §3085.11(d)
Limitation of Load, Speed and Platform Area — ElevSO, §3085.19
Exception of Section 3085.19 — ElevSO, §3085.19, Exception
Personnel Hoist
Safeties, Car & Counterweight — CSO, §1604.19(d), (j), (h)
Application & Release of — CSO, §1604.19(h)
Exceptions, to Stop Ascending Cars or Counterweight — CSO, §1604.19(e)
Movement, Maximum Permissible — CSO, §1604.19(j)(2)
Safety Factors of — CSO, §1604.19(k)

	Definition		CSO, §1504
	Suspension Means		CSO, §1604.25(a)
RACKED MATERIALS, limited in height of stored Material			GISO, §3241(c)
Storage racks, designed to safely support Materials			GISO, §3241(e)
RACKS, STORAGE, SECURED			GISO, §3273(a)
RADAR, Access to ship masts, By Radar Technician			SSO, §8397.5
Entering Hazardous Area			SSO, §8397.5(d)
Exception from Compliance with this Section			SSO, §8397.5(e)
Hazardous Energy, Control of			SSO, §8397.5(a)
Securing or Placement of			SSO, §8397.5(b)
Servicing in Accord with			SSO, §8397.5(a) & (c)
Operating, Testing, Servicing & Repairing			SSO, §8397.5(c)
RADIAL AIR COMPRESSOR SYSTEMS			See **AIR COMPRESSORS**
RADIAL ARM SAWS, Woodworking			GISO, §4309
Anti Kick-Back			GISO, §4309(c)
Automatic Return			GISO, §4309(d)
Guard, Hood Enclosure			GISO, §4309(a)
Travel Limiting Chain			GISO, §4309(b)
RADIANT ENERGY, Eye & Face Protection			GISO, §3382(b)
RADIATION HAZARDS, Underground Mining			MSO, §7091
RADIATION & RADIOACTIVITY			GISO, Group 14
Actinic Radiation			GISO, Article 103
	Application & Purpose		GISO, §5078
	Ultra-Violet Radiation		GISO, §5079
Administrative Procedure			GISO, §5076
Lasers			
	Protection from, per CSO		CSO, §1801
		Beam shutters or caps	CSO, §1801(e)
		Eye protection	CSO, §1801(c)
		Exposure Limits, Light intensity	CSO, §1801(j)
		” ” , Microwave power densities	CSO, §1801(k)
		Internal alignment lasers	CSO, §1801(f)
		Labeling Requirement	CSO, §1801(e), (i)
		Prohibition	CSO, §1801(g), (h)
		Proof of operator qualification	CSO, §1801(b)
		Qualified & trained employees	CSO, §1801(a)
		Trained & Qualified employees	CSO, §1801(a)
		Warning signs & labels	CSO, §1801(d)
	Protection from, per TSO		TSO, §8416
	Protection from, per TelSO		
		Eye protection	TelSO, §8617
Non-ionizing Radiation			GISO, Article 104
	Microwave Radiation		GISO, §5085
	Radiofrequency Radiation		GISO, §5085
Radiation Control, per		CCR, Title 17, Div. 1, Chapter 5, Subchapter 4	GISO, §5076
	Healing Arts		See CCR, Title 17, Div. 1, Ch. 5, Subch. 4, Group 3, Article 4
		Mammography	See CCR, Title 17, Div. 1, Ch. 5, Subch. 4, Group 3, Article 4.5
	Industrial Radiography		See CCR, Title 17, Div. 1, Ch. 5, Subch. 4, Group 3, Article 6
	Nuclear Medicine Technology		See CCR, Title 17, Div. 1, Ch. 5, Subchapter 4.6
	Well Logging Operations		See CCR, Title 17, Div. 1, Ch. 5, Subch. 4, Group 3, Article 7
Shipyard Standard, Radiation Control			SSO, §8397.1
Telecommunication safety orders			TelSO, §8618
	Eye protection		TelSO, §8617
Underground Radiation Hazard, per MSO			MSO, §7091
RADIO			
Access to ship masts By Radio Technician			SSO, §8397.5
Citizens band radio, Prohibition			LSSO, §6273
Receiving & Transmitting Equipment			See **COMMUNICATIONS SYSTEMS**
RADIO FREQUENCY (RF) DEVICES, Presence Sensing Devices			GISO, §4208.1
Radiation Protection			GISO, §5085
RADIO COMMUNICATION & Other Signaling Systems			LSSO, Article 4
Electrical Signal Systems			LSSO, §6271
Radio Signal Systems			LSSO, §6272
Citizen Band Radios			LSSO, §6273
Signal Systems			LSSO, §6270
RADIO CONTROL			
Citizens band radio, Prohibition			LSSO, §6273
Signalers			LSSO, §6402, Appx A
RADIOFREQUENCY RADIATION, Presence Sensing Devices			GISO, §5085
Warning Sign, Illustration			GISO, §5085, Figure RF-1
RADIO STATION, Electronic News Gathering (Eng) Equipment			ESO-HV, Article 40
	Accident Prevention, Operation in Proximity of Overhead Power Lines		ESO-HV, §2981
	Definitions		ESO-HV, §2980
	Employee Training		ESO-HV, §2982
	Overhead power lines accident prevention		ESO-HV, §2981
	Safety Inspections		ESO-HV, §2983
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	Marked NIOSH Approved		GISO, §5144(i)(4)(D)
	Moisture Content		GISO, §5144(i)(4)(C)
Dibromo-3-Chloropropane (DPCP) (Nemagon)			GISO, §5212(h)
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		Respirator program	GISO, §5212(h)(2)
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	Respirator program		GISO, §5217(g)(2)
	Respirator selection		GISO, §5217(g)(3)
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Grinding Operations			GISO, §5152
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Lead			GISO, §5198(f)
	Fit Testing		GISO, §5198, Appx D
Methylenebis, 4,4’ (2-Chloroaniline) (MbOCA)			GISO, §5215(g)
	Selection, Provision, & Use		GISO, §5215(g)(2)
	Respiratory Selection Table		GISO, §5215(g)(2)
Methylene Chloride (MC)			GISO, §5202(g)
	Emergency Respirator Protection		GISO, §5202(g)(1)(E)
	Technical Guidelines		GISO, §5202, Appx A
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Paint Spray Booths, Respiratory Protection			GISO, §5153(g)
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Silica, Respirable Crystalline			GISO, §5204(g)
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Tremolite, Non Asbestiform			GISO, §5208.1(d)
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		AQI for PM2.5 between 150 to 500	GISO, §5141.1(f)(4)(A)
		AQI for PM2.5 exceeds 500	GISO, §5141.1(f)(4)(B)
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Shackles, Loading in excess of rated capacity Prohibited		CSO, §1615.3(d)
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Wire Rope Slings		CSO, §1615.3(b), (c)
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Butt-Rigging		LSSO, §6301
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General Rigging Requirements		LSSO, §6290
Guyline & Skyline Extensions		LSSO, §6294
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Shackles, Shoes, & Butt-Rigging		LSSO, §6301
Shoes		LSSO, §6301
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	Guard	GISO, §4300(a)
	Anti-Kickback Device	GISO, §4300(d)
	Spreader	GISO, §4300(e)
Circular, Self Feed		GISO, §4301
	Guard	GISO, §4301(a)
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Bridge Construction & Maintenance		LSSO, §6266
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ROADS, Private Roads, per MSO		
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ROADWAYS, Dangerous Depressions, Obstructions, Debris, Free From		GISO, §3273(b)
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Haulage vehicles	CSO, §1596
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ROLL TYPE MACHINE, Leather & Composition Goods	GISO, §4518
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ROLLS, POWER, Guarding of	GISO, §4187
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ROOF TOP INSTALLATIONS, Permanent, Window Cleaning	GISO, §3291
ROOF, Guarding of	GISO, §3212
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Guard Railings	CSO, §1724(e)(1)
Securing of	CSO, §1724(e)(2)
Roof Edge, Guarding of	GISO, §3212(d)
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Covers Specifications	CSO, §1632(a)(3)
Eave Barriers	CSO, §1724(e)
Guard Railings	CSO, §1724(e)(1)
Securing of	CSO, §1724(e)(2)
Hazards, Roof	CSO, §1730
Platforms	CSO, §1632 (c)
Railing & Toeboard Specifications	CSO, §1632(a)(2)
Roof & Skylight Openings Shall Be Guarded	CSO, §1632(a)
Skylights, Guarding of Temporary Openings	CSO, §1632(a)
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Skylights, Guarding of Existing Skylights	GISO, §3212(e)
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Asphalt Fumes, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
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Handling	CSO, §1725
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Eave Barriers	CSO, §1724(e)
Guard Railings	CSO, §1724(e)(1)
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Specific Roofing Activities	CSO, §1731(b)-(f)
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Gallows-Type Frames	CSO, §1729
General Roofing Operation Requirements	CSO, §1724
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Hot Asphalt & Hot Pitch Buckets	CSO, §1729
Injury & Illness Prevention Program, Compliance	CSO, §1731(a)
Kettles, Elevated Truck Beds Mounted	CSO, §1727
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Catch Platforms	CSO, §1724(c)
Crawling Boards	CSO, §1724(b)
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SAFETY SWITCHES, Constant Pressure Switch, A.K.A. Momentary Contact Device		
Portable Power Drives, Post Hole Digger, Pipe Threader /Cutter		GISO, §4086
Portable Tools		GISO, §3557(a), (b)
SAFETY SURVEY, by Employer Prior to Employee Presence		CSO, §1511(b)
SAFETY TRAINING, Amusement Rides, Permanent, Safety, per PARSO		
Maintenance & Inspections, Employees Performing		PARSO, §3195.6
Operation Procedures, Employees Performing		PARSO, §3195.7
SAFETY TRAINING, General Safety Training, per CSO		CSO, §1510
Emergency Medical Service Workers		CSO, §1512

Hazardous Chemicals			CSO, §1926.59
When first Hired			CSO, §1510(a)
When Operating Machinery / Equipment			CSO, §1510(b)
When subject to Known Hazard			CSO, §1510(c)
SAFETY TRAINING, per ESO			CSO, §1510
Regarding Inspecting, Testing of Safety devices, tools, & equipment			ESO-HV, §2940(b)
Qualified Person			ESO-HV, §2940(c)
SAFETY TRAINING, per GISO			GISO, §3203(a)(7)
Acetylene Generator System Operator			GISO, §4799
Asbestos Work			CSO, §1529(k)(9)
Avalanche, Snow, Blasting Operations			GISO, §5350
	Avalanche control coordinator		GISO, §5351(e)
Bloodborne Pathogen Exposures			GISO, §5193(g)(2)
	HIV, HBV & HCV Exposures		GISO, §5193(e)(5)
Boatswain's Chairs			GISO, §3286(a)(2)
Building Maintenance Operations			GISO, §3298(a)
Carcinogens, Training			GISO, §5209(e)(5)
Coke Oven Emissions, Training			GISO, §5211(t)
Confined Spaces, Permit Required			GISO, §5157(g)
Confined Space, not Permit Required			GISO, §5158(c)(2)
Cotton Dust			GISO, §5190(i)
Diving Operations, Training / Experience of			GISO, §6052(d)
Emergency Action Plan			GISO, §3220(e)(3)
Emergency Response, Hazardous Material Release			
	Refresher Training		GISO, §5192(q)(8)
	Trainers Training		GISO, §5192(q)(7)
	Training of Responders		GISO, §5192(q)(6)
Erection of Structural Steel			CSO, §1710 (q)
Ergonomics			GISO, §5110(b)(3)
Explosives			
	Blasters Training		GISO, §5239
	Manufacturing & Processing Employees		GISO, §5322
Fire Extinguishers, Use of			GISO, §6151(g)
First Aid / CPR Training, General			GISO, §3400(b)
	Agricultural Operations		GISO, §3439(b)
Forklift, General Training Requirements			GISO, §3668
	Certification of Training		GISO, §3668(c)
	Duplicative Training, Avoidance of		GISO, §3668(f)
	Evaluation of Competency		GISO, §3668(a), (d)
	Operating Rules when Elevating Employees, Instructions of		GISO, §3657(d)
	Operating of Trucks by Trainee		GISO, §3668(b)
	Training Program Content		GISO, §3668(c)
	Refresher Training & Evaluation		GISO, §3668()
Fuel Gas & Oxygen System Operators			GISO, §4799
General Requirement, IIPP			GISO, §3203(a)(7)
Grain Handling Operations			GISO, §5178(n)
Hazard Communication (Hazcom) Program			GISO, §5194(h)
Hazardous Material Exposure			
	Arsenic, Inorganic		GISO, §5214(m)
	Asbestos		GISO, §5208(j)(7)
	Benzene		GISO, §5218(j)(3)
	Cotton Dust		GISO, §5190(i)
	Dichloromethane, Methylene Chloride (MC)		GISO, §5202(l)
	Ethylene Dibromide (EDB)		GISO, §5219(j)
	Formaldehyde		GISO, §5217(n)
	Lead		GISO, §5198(l)
	Methylene Chloride		GISO, §5202(l)
	Vinyl Chloride		GISO, §5210(j)
Hazardous Waste Operation Training			GISO, §5192(e)
"	"	"	See also Emergency Response, Hazardous Material Release Under this Heading
Heat Illness Prevention			GISO, §3395(e)
Hotel Housekeeping Musculoskeletal Injury Prevention			GISO, §3345(d)
Industrial Tractors			GISO, §3664
Laboratory, Exposure to Hazardous Chemicals			GISO, §5191(f)
Lead			GISO, §5198(l)
Mine Safety, per MSO			MSO, §6963
	First-Aid at Mining Operations		MSO, §6968
		Surface Operations	MSO, §6968(b),
		Underground Mining	MSO, §6968(a),
Noise Exposure, Control of			GISO, §5099
Oxygen & Fuel Gas System Operators			GISO, §4799
Powered Platforms, Building Maintenance			GISO, §3298(a)
Power Operated Press			GISO, §4203(b)
Process Safety Management			GISO, §5189(g)
Process Safety Management (PSM), Petroleum Refineries			GISO, §5189.1
Pulp, Paper, & Cardboard Mill Operations			GISO, §4402
Refinery Operations, Workers			PSO-R,T&H, §6760

Respirators, Respiratory Protection			GISO, §5144(k)
	Respirator Protection Program, Element of		GISO, §5144(c)(1)(G)
Tractor Operation			GISO, §3664(b)
Tree Work, Maintenance & Removal			GISO, §3421(c)
Welding, Oxygen & Fuel Gas System Operators			GISO, §4799
Wells, Oil & Gas Production Workers			PSO-D&P, §6507
Wild fire smoke, Protection from			GISO, §5141.1(e)
	Training content		GISO, §5141.1(e)
	Training content, Appendix B	Appendix B	GISO, §5141.1, Appx. B
SAFETY TRAINING, per MSO			MSO, §6963
Pre-training Assessment of Skill / Knowledge			MSO, §6963
First-Aid Training			MSO, §6968
Rescue Procedures			MSO, §7085
Surface Operations, Trained Individuals			MSO, §6968(b)
Training Provider Requirements			MSO, §6968(c)
Underground Mining, Trained Individuals			MSO, §6968(a)
SAFETY TRAINING, Passenger Tramway Safety, per PTSO			
Program Requirements			PTSO, §3155
	Submittal to Cal/OSHA		PTSO, §3155(b)
SAFETY TRAINING, Ship Building, Repairing & Breaking, per SSO			SSO, §8397.13
Asbestos			SSO, §8358(k)(9)
Chromium (VI)			SSO, §8359(j)(2)
SAFETY TRAINING, per TelSO			
Animals, Encounters			TelSO, §8603(a)(1)
Certification by Employer			TelSO, §8603(a)
Emergency Situations			TelSO, §8603(a)(2)
First Aid & CPR			TelSO, §8603(a)(3)
High Voltage, Testing /Cable Fault Location			TelSO, §8613(a)
	Informing / Warning Before Testing		TelSO, §8613(a)
Job Assignments, related to			TelSO, §8603(a)
Plants, Harmful			TelSO, §8603(a)(1)
Substances, Harmful			TelSO, §8603(a)(1)
Insect Bites			TelSO, §8603(a)(1)
Record			TelSO, §8603(a)
Safe Practices & Precautions			TelSO, §8603(a)
Testing & Cable Fault Location Operations			TelSO, §8613(a)
Traffic Control & Work Area Protection			TelSO, §8603(a)(4)
Work Area Protection & Traffic Control			TelSO, §8603(a)(4)
SAFETY TRAINING, & Instruction, per TSO			TSO, §8407
First aid			TSO, §8421
SAFETY VEST, HIGH VISIBILITY SAFETY APPAREL			
Excavations, Employees exposed to Vehicle Traffic			CSO, §1541(d)
Flaggers			CSO, §1599(d), (e), (f)
Traffic Control			CSO, §1598(c), (d), (e)
Employees exposed to Vehicle Traffic			CSO, §1590(a)(5)
SALT BATHS, MOLTEN			GISO, §5188
SALVAGE, Pressure Vessels			GISO, §3306
SAND, Gravel & Similar Material, Excavations of			MSO, §6985
SAND BLASTING, Abrasive Blasting			
Automatic systems required for Organic Abrasives			GISO, §5151(c)
Enclosures, Blast-Cleaning			GISO, §5151(a)
Nozzle, Manual Valve			GISO, §3301(d)
Nozzle Support, when unused			GISO, §3301(d)
Organic Abrasives, combustible			GISO, §5151(c)
Personal Protective Equipment			GISO, §3301(c)
” ” ” ” ”			GISO, §5151(b)
Protective Equipment			
	Ventilation & Personal Protection		GISO, §5151
		Abrasives, Organic	GISO, §5151(c)
		Enclosures, Blast-Cleaning	GISO, §5151(a)
		Personal Protective Equipment	GISO, §5151(b)
Respiratory Protection			GISO, §5151(b)
SANDERS, Woodworking			
Belt Sanders (Class B)			GISO, §4312
Disc Sanders			GISO, §4313
Drum Sander			GISO, §4314
Elbow Sanders			GISO, §4315
Electrical Grounding of, Cord- & Plug-connected			ESO-LV, §2395.45(A)
SANDERS, Veneer and plywood Plants			LSSO, §6387
SANITARY, Work Space			GISO, §3362(a)
SANITATION, of Personal Safety Devices			CSO, §1938, Appx B, Plate B-1
” ” ” ” ”			CSO, §1519
SANITATION, **FIELD,** Agricultural Operations			GISO, §3457
Maintenance			GISO, §3457(c)(3)
Potable / Drinking Water			GISO, §3457(c)(1)
Reasonable use			GISO, §3457(c)(1)
Reports			GISO, §3457(c)(1)

Toilet facilities		GISO, §3457(c)(2)
Washing Facilities		GISO, §3457(c)(2)
SANITATION REQUIREMENTS		GISO, Article 9
	Application & Scope	GISO, §3360
	Definitions	GISO, §3361
Change Rooms		GISO, §3367
Food & Beverage, Consumption of		GISO, §3368
General Requirements		GISO, §3362
	Cleaning Requirements	GISO, §3362(a), (b)
	Tripping Hazards	GISO, §3362(c)
Sanitary Facilities		GISO, §3364
Toilet Rooms / Compartments		GISO, §3365
Toilets, Number of		GISO, §3364
Washing Facilities		GISO, §3366
Water Supply		GISO, §3363
SANITATION REQUIREMENTS, per MSO		MSO, §6978
SANITATION REQUIREMENTS, per SSO		SSO, §8397.4
Accessible Sanitary Facility		SSO, §8397.4(a)(1)
Age, Minimum Age of Employees		SSO, §8397.4(j)
Break, Eating & Drinking Areas		SSO, §8397.4(h)
Changing Rooms		SSO, §8397.4(g)
Control of Contaminants, Waste, Drainage		SSO, §8397.4(i)
Drinking Water (Potable)		SSO, §8397.4(b)
Eating, Drinking & Break Areas		SSO, §8397.4(h)
Fire Fighting, Non-Potable Water, Use of		SSO, §8397.4(c)
Hand Washing Facilities		SSO, §8397.4(e)
Maintaining, Servicing & Supplying of the Sanitary Facility		SSO, §8397.4(a)(2)
Non-Potable Water, Use of		SSO, §8397.4(c)
Potable Water Provided per GISO, §3363		SSO, §8397.4(b)
Sanitation Facilities		SSO, §8397.4(a)
Shower Facilities		SSO, §8397.4(f)
Toilets		SSO, §8397.4(d)
Waste Disposal		SSO, §8397.4(i)
Water		
	Drinking Water (Potable)	SSO, §8397.4(b)
	Non-Potable	SSO, §8397.4(c)
Work Near Waste, Garbage, Contamination Prohibited		SSO, §8397.4(i)(2) & (3)
SANTOBRITE, Airborne Contaminant, Exposure limit		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
SAR (Supplied Air Respirator), Definition		GISO, §5144(b)
Air Quality		GISO, §5144(j)
Selection of		GISO, §5144(d)(2)
Use of		GISO, §5144(j)
SARIN		
Process safely management		GISO, §5189, Appx A
SAWHORSE, Used as Scaffolds, Work Platform Supports		CSO, §1647
" "	Illustration	CSO, §1938, Appx B, Plate B-41
SAWMILL OPERATIONS		LSSO, Article 15
Band Saw		LSSO, §6349
	Band Saw Wheels	LSSO, §6350
Barkers		LSSO, §6346
Carriages		LSSO, §6348
Chip Bins		LSSO, §6368
Circular Head Saw		LSSO, §6352
Circular Saw Cracks, Inspection For		LSSO, §6356
Conveyors, Sawmill		LSSO, §6365
	Log Conveyors	LSSO, §6344
Decks		LSSO, §6345
Deck saws, at Sawmills		LSSO, §6345(a), (b)
Dry Kilns		LSSO, §6367
Edgers		LSSO, §6358
Fuel Houses, Chip Bins & Hoppers		LSSO, §6368
Gang Saw		LSSO, §6362
Guarding Head Rigs		LSSO, §6353
Hog Mills		LSSO, §6363
Hoppers		LSSO, §6368
Live Rolls & Roll Cases		LSSO, §6357
Log Hauls		LSSO, §6344
Plywood Plants		See **PLANT**, Veneer & Plywood Plants
Saws		
	Guarding Head Saws	LSSO, §6351
	Jump Saws	LSSO, §6359
	Overhead Swing Saws	LSSO, §6359
	Sawyer	LSSO, §6347
	Slasher Saws	LSSO, §6360
	Underhung Swing Saws	LSSO, §6359
Shingle, Lath & Shake Milling Equipment		

	Bolter & Equalizer Saws	LSSO, §6397
	Bolters & Lath Machine	LSSO, §6402
	Circular Shake Saws	LSSO, §6400
	Equalizer Saws	LSSO, §6397
	Hansen Saws	LSSO, §6396
	Knee Bolter Saws	LSSO, §6398
	Lath & Shingle Mill Layout	LSSO, §6401
	Shingle Jointer	LSSO, §6399
	Shingle Saws	LSSO, §6395
Stationary Tramways & Trestles		LSSO, §6366
Tractors, Logging & Sawmill Operations		See **TRACTORS**, Logging & Sawmill Operations
Trestles, Stationary		LSSO, §6366
Trim Saws, Underhung & Trimmer		LSSO, §6361
Veneer & Plywood Plants		See **PLANT**, Veneer & Plywood Plants
Wood Chipper		LSSO, §6364
SAWS, Chainsaws		GISO, §6283
Tree Work, Maintenance & Removal		GISO, §3425(a)
”	”	See also **LOGGING OPERATIONS**
Refueling of		GISO, §3421(i)
SAWS, Circular, Metal Cutting		See under **METAL WORKING MACHINES**
SAWS, Gin		GISO, §4640
SAW SPEED		
Circular Saws & Knifes		GISO, §4322
Band Saws	& Knifes	GISO, §4310(c)
SAWS, Vegetable Trimming		GISO, §3447
SAWS, Wood Cutting		See also under **WOODWORKING MACHINES**
Band Knives		GISO, §4310
Band Saws		GISO, §4310
California Chop Saw s		GISO, §4304
Circular Knives (Class B)		GISO, §4302
Circular Ripsaws, Manual Feed (Class B)		GISO, §4300
Circular Ripsaws, Self Feeding (Class B)		GISO, §4301
Circular Saw Blades & Knives, Speed of		GISO, §4322
Circular Saws, Portable, Hand Saws		GISO, §4307
Cordwood Saws & Similar (Class B)		GISO, §4303
Cracked Saws		GISO, §4321
Crosscut Saws (Class B)		GISO, §4302
Cut-Off Saws		
	Box Shook Cut-Off Saws	GISO, §4304
	California Cut-off Saws	GISO, §4304
	Inverted Swing Cut-Off Saws	GISO, §4306
	Swing Cut-Off Saws	GISO, §4305
Dado Blade Prohibition		GISO, §4323
Drunken Saw Prohibition		GISO, §4323
Grounding, Electrical, Cord- & Plug-connected		ESO-LV, §2395.45(A)
Horizontal Pull Saws		GISO, §4309
Jump Saws		GISO, §4306
Miter Saws		GISO, §4307.1
Pull Saws, Horizontal		GISO, §4309
Radial Arm Saws		GISO, §4309
Table Saws, Manual Feed (Class B)		GISO, §4300.1
Underslung Saws		GISO, §4306
Wobble Saws, Wobble Dado Prohibition		GISO, §4323
SCAFFOLDING, per ESO		
Power Poles, Clearance		ESO-HV, §2946(b)(2)
SCAFFOLDING, per CSO		
Boatswain Chairs		CSO, §1662
Bracket Scaffold, Metal, Illustration		CSO, §1938, Appx B, Plate B-21
Bracket Scaffold, Wooden, Illustration		CSO, §1938, Appx B, Plate B-20
Bracket Scaffolds		CSO, §1645
Bricklayers’ Square Scaffolds		CSO, §1663
	Illustration	CSO, §1938, Appx B, Plate B-32
Cross- Bracing, Mid-Rail or Top Rail Substitute		CSO, §1644(a)(6)
Dismantling of		CSO, §1637(k)
Engineering Practice, in accordance with good		CSO, §1637(k)(2)
Erection of		CSO, §1637(k)
Figure “4” Scaffold, Illustration		CSO, §1938, Appx B, Plate B-21
Float Scaffolds		CSO, §1663
General Scaffolding Requirements		CSO, §1637
Heavy - Trade Pole Type Scaffold, Illustration		CSO, §1938, Appx B, Plate B-19
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” ”	Illustration	CSO, §1938, Appx B, Plate B-41
Intended Working Load, Not to Exceed		CSO, §1637(b)(3)
	Posting of Intended Working Load at Jobsite	CSO, §1637(b)(6)
Ladder-Jack Scaffolds		CSO, §1648
” ”	Illustration	CSO, §1938, Appx B, Plate B-34
Light-Trade Pole Type Scaffold, Illustration		CSO, §1938, Appx B, Plate B-18

Light-Duty Wooden Pole Scaffolds			CSO, §1640
Load, Intended Working Load, Not to Exceed			CSO, §1637(b)(3)
	Posting of Intended Working Load at Jobsite		CSO, §1637(b)(6)
Metal Scaffolds			CSO, §1644
Mid-Rail or Top Rail Substitute, X Bracing			CSO, §1644(a)(6)
Needle-Beam Scaffold			CSO, §1664
Outrigger Beam, Suspended Scaffolds, Illustration			CSO, §1938, Appx B, Plate B-24
Outrigger & Bracket Scaffolds			CSO, §1645
Outrigger Scaffold, Mason's, Illustration			CSO, §1938, Appx B, Plate B-27
Periphery Railings on buildings			CSO, §1636
Prohibited types			CSO, §1637(j)
	Lean-to Scaffolds, Illustration		CSO, §1938, Appx B, Plate B-40
	Nailed Bracket Scaffolds, Illustration		CSO, §1938, Appx B, Plate B-40
	Shore Scaffolds, Illustration		CSO, §1938, Appx B, Plate B-40
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" "	Illustration		CSO, §1938, Appx B, Plate B-33
Rolling Scaffolds			CSO, §1646
	Riding on Rolling Scaffolds		CSO, §1646(i), (j)
Staging, Wire-Rope supported			CSO, §1666
Suspended Scaffolds			CSO, Article 23
	Acceptable Scaffolds, Illustration		CSO, §1938, Appx B, Plate B-26
	Boatswain Chairs		CSO, §1662
	Bricklayers / Masons		CSO, §1659
	Float Scaffolds		CSO, §1663
	" "	Illustration	CSO, §1938, Appx B, Plate B-38
	General requirements		CSO, §1658
	Interior Hung Scaffolds		CSO, §1665
	Loads of 425 Lbs or Less		CSO, §1660
	Loads between 425 & 1000 Lbs		CSO, §1661
	Masons' Scaffold, Illustration of		CSO, §1938, Appx B, Plate B-29
	Multi-Level, Illustration		CSO, §1938, Appx B, Plate B-42
	Needle-Beam Scaffold		CSO, §1664
	" "	Illustration	CSO, §1938, Appx B, Plate B-37
	Outrigger Beam, Illustration		CSO, §1938, Appx B, Plate B-24
	Power-Driven		CSO, §1667
	Prohibited Scaffolds, Illustration		CSO, §1938, Appx B, Plate B-40
	Staging, Wire-Rope supported		CSO, §1666
		Railing, Support, Illustration	CSO, §1938, Appx B, Plate B-28
	Stone Setters' Multi Stage, Illustration		CSO, §1938, Appx B, Plate B-36
	Two-Point Suspended Scaffold, Illustration		CSO, §1938, Appx B, Plate B-39
	Welders' Platform Cage, Illustration		CSO, §1938, Appx B, Plate B-27a
Timber Scaffolds up to 60' High			CSO, §1642
Timber Scaffolds over 60' High			CSO, §1643
Top-Rail or Mid Rail Substitute, X Bracing			CSO, §1644(a)(6)
Tower Scaffolds			CSO, §1646
Waler Jack, Metal, Illustration			CSO, §1938, Appx B, Plate B-21
Window Jack Scaffolds			CSO, §1654
" "	Illustration		CSO, §1938, Appx B, Plate B-35
Wooden Bracket Scaffold, Illustration			CSO, §1938, Appx B, Plate B-20
Wooden Pole Scaffolds, Heavy-Trade			CSO, §1641
Wooden Pole Scaffolds, Light-Duty			CSO, §1640
Working Load, Intended, Not to Exceed			CSO, §1637(b)(3)
	Posting of Intended Working Load at Jobsite		CSO, §1637(b)(6)
SCAFFOLDING, Mobile Tower & Mobile Ladder Stands, per GISO			GISO, Article 23
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	Definitions		GISO, §3621
	General Requirements		GISO, §3622
Mobile Ladder Stand			GISO, §3627
Mobile Scaffolds			
	Tube & Coupler		GISO, §3625
	Tubular Welded Frame		GISO, §3623
	Tubular Welded Sectional Folding		GISO, §3624
Mobile Work Platform			GISO, §3626
SCAFFOLDING, per MSO			MSO, §7048
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Floating Staging			SSO, §8368
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Maintaining			SSO, §8370
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Inspection of Scaffold Planking, Daily CSO, §1637(f)(6)
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Labeling of Manufactured Planking CSO, §1637(f)(4)
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	Hoisting w/ employee Prohibited			SSO, §8397.3(b)
Loads, Lifting / Handling				SSO, §8381
Lock-out / Tag-out, Control of Hazardous Energy				SSO, §8356
		Application & Scope		SSO, §8356(a)
	Appendices			SSO, §8356(s)
	General Requirements			SSO, §8356(c)
	Incident Investigation			SSO, §8356(p)
	Lock Out Procedure			
		for Applying Lockout/tags-plus Systems.		SSO, §8356(f)
		for Shutdown & Isolation		SSO, §8356(e)
		Involving Multiple Employees		SSO, §8356(k)
		Involving Multi-Employer Worksite		SSO, §8356(l)
		Written Procedures		SSO, §8356(d)
	Lock Out/ Tags-Plus Materials & Hardware			SSO, §8356(n)
	Lock Out/ Tags-Plus Program			SSO, §8356(b)
		Audits		SSO, §8356(q)
		Recordkeeping		SSO, §8356(r)
		System Removal		SSO, §8356(i)
	Materials & Hardware			SSO, §8356(n)
	Multiple Employees involved in Lock Out Procedure			SSO, §8356(k)
	Multi-Employer Worksites, Lock Out Procedure for			SSO, §8356(l)
	Removal of Lock Out/ Tags-Plus Systems			SSO, §8356(i)
	Startup Procedures			SSO, §8356(j)
	Testing Procedures			SSO, §8356(h)
	Training & Information			SSO, §8356(o)
	Verification Procedure of De-energization and Isolation			SSO, §8356(g)
	Written Procedures / Lock Out/ Tags-Plus Program			SSO, §8356(d)
Lumber used for Scaffolding & Staging				SSO, §8361
Machinery servicing				SSO, §8376
Machinery, Ship's				SSO, §8376
	Lock-out / Tag-out, Control of Hazardous Energy		per SSO, §8356	SSO, §8357(a), (b) & (c)
Marking Physical Hazards, Color Codes				SSO, §8391.5
Masts Access, By Radar or Radio Technician only				SSO, §8397.5(b)
Material, Afloat, Removal				SSO, §8377
Material, Securing, Before Sling Removal				SSO, §8383
Medical Services & First Aid				SSO, §8351
Motor Vehicle Safety				SSO, §8387
	Application			SSO, §8387(a)
	Motor Vehicle Safety Equipment			SSO, §8387(b)
	Motor Vehicle Maintenance & Operation			SSO, §8387(c)
Pendants & Slings				SSO, §8379
Pendants, Two Required				SSO, §8380
Physical Hazards, Color Codes for Marking				SSO, §8391.5
Piping Systems, Ship's				SSO, §8378.1
Precautions for Hot Work				SSO, §8397.14
Prefabrication Area				SSO, §8388
	Assemblies, Stacking of			SSO, §8389
Propeller, Free from				SSO, §8376(c)
Propulsion Machinery				SSO, §8376(c)
Radar & Communication Systems				SSO, §8397.5
	Entering Hazardous Area			SSO, §8397.5(d)
	Exception from Compliance with this Section			SSO, §8397.5(e)

	Hazardous Energy, Control of		SSO, §8397.5(a)
	Securing or Placement of		SSO, §8397.5(b)
	Servicing in Accord with		SSO, §8397.5(a) & (c)
	Operating, Testing, Servicing & Repairing		SSO, §8397.5(c)
Ramps, Stairways, Gangways & Ladders			SSO, §8371
Record keeping			
	Lock-out-Tag-out, Control of Hazardous Energy		SSO, §8356(r)
Repair of Machinery			SSO, §8376
Safety Color Codes, Marking Physical Hazards			SSO, §8391.5
Safety Program, Suggested			SSO, §8399, Appx B
	Code of Safe Practices		SSO, §8399, Appx A
Sanitation & Health, General Requirements			SSO, §8397.4(a)
	Accessible Sanitary Facility		SSO, §8397.4(a)(1)
	Age, Minimum Age of Employees		SSO, §8397.4(j)
	Break, Eating & Drinking Areas		SSO, §8397.4(h)
	Changing Rooms		SSO, §8397.4(g)
	Control of Contamination, Waste, Drainage		SSO, §8397.4(i)
	Drinking Water (Potable)		SSO, §8397.4(b)
	Eating, Drinking & Break Areas		SSO, §8397.4(h)
	Fire Fighting, Non-Potable Water, Use of		SSO, §8397.4(c)
	Hand Washing Facilities		SSO, §8397.4(e)
	Maintaining, Servicing & Supplying of the Sanitary Facility		SSO, §8397.4(a)(2)
	Non-Potable Water, Use of		SSO, §8397.4(c)
	Potable Water Provided per GISO, §3363		SSO, §8397.4(b)
	Shower Facilities		SSO, §8397.4(f)
	Toilets Requirements		SSO, §8397.4(d)
	Waste Disposal		SSO, §8397.4(i)
	Water		
	Drinking Water (Potable)		SSO, §8397.4(b)
	Non-Potable		SSO, §8397.4(c)
	Working Near Waste, Garbage, Contamination Prohibited		SSO, §8397.4(i)(2) & (3)
Scaffold Construction			
	Build-up Staging		SSO, §8364
	Construction Means		SSO, §8362
	Erecting & Maintaining		SSO, §8370
	Floating Staging		SSO, §8368
	Gangways & Ladders		SSO, §8371
	Horse Staging, Interior & Exterior		SSO, §8367
	Interior & Scaffolding		SSO, §8366
	Ladders		SSO, §8371
	Lumber used for Scaffolding & Staging		SSO, §8361
	Maintaining		SSO, §8370
	Ramps, Stairways, Gangways & Ladders		SSO, §8371
	Scaffolds & Staging, Pursuant to CSO		SSO, §8360
	Staging Levels, Intermediate		SSO, §8369
	Stairways, Ramps, Gangways & Ladders		SSO, §8371
	Suspended Staging, Exterior, Painters only		SSO, §8364
	Suspended Staging, Exterior, Other Than Painters		SSO, §8365
Securing the Load, Before Sling Removal			SSO, §8383
Service Lines			SSO, §8385
Ship's Boilers			SSO, §8376.1
Ship's Machinery			SSO, §8376
Ship's Piping Systems			SSO, §8378.1
Shower, Emergency, Eye Wash		See also **EYEWASH**	SSO, §8351(e)
Signs, Accident Prevention Signs & Tags			SSO, §8391.6
Slings & Pendants			SSO, §8379
Staging, Build-up			SSO, §8364
Staging Construction		See Scaffold Construction under this entry	
Staging, Floating			SSO, §8368
Staging Levels, Intermediate			SSO, §8369
Staging & Scaffolding, Interior			SSO, §8366
Staging & Scaffolds, Pursuant to CSO			SSO, §8360
Stairways, Ramps, Gangways & Ladders			SSO, §8371
Steam Supply & Hose			SSO, §8378
	Steam Supply System		SSO, §8378(a)
	Steam Hoses		SSO, §8378(b)
Storage Batteries, Submarines			SSO, §8386
Submarines, Storage Batteries			SSO, §8386
Suspended Staging, Exterior, Painters only			SSO, §8364
Suspended Staging, Exterior, Other Than Painters			SSO, §8365
Tags, Accident Prevention Signs & Tags			SSO, §8391.6
Training, Employee			SSO, §8397.13
	Lock-out-Tag-out, Control of Hazardous Energy		SSO, §8356(o)
Toilets			SSO, §8397.4(d)
Tools & Equipment Handling			SSO, §8384
Vehicle Safety			SSO, §8387
	Application		SSO, §8387(a)

	Motor Vehicle Safety Equipment		SSO, §8387(b)
	Motor Vehicle Maintenance & Operation		SSO, §8387(c)
Walkways			SSO, §8391.1
Welding, Arc-Welding, w/ Inert Gas Shielded			SSO, §8357
Welding, Brazing, Cutting & Heating			SSO, Article 7
	Fuel Gas Cylinders		SSO, §8395
	Hose		SSO, §8394
	Hose Connection Requirements		SSO, §8393
	Manifolds & Hose Connection Requirements		SSO, §8393
	Welding, Cutting & Heating, Other Provisions in GISO		SSO, §8392
Working Alone			SSO, §8397.6
Working Surfaces			SSO, §8391.2
SHIP MASTS & KING POST, Access To			SSO, §8397.5
SHIPYARD STANDARD		See **SHIP BREAKING SAFETY ORDERS (SSO)**	
SHOE LAST LATHES, Woodworking			GISO, §4319
SHOES, Safety			GISO, §3385
SHOP TRANSFER CAR, Operating on rails, load clearance			GISO, §3273(k)
SHORE SCAFFOLDS, Prohibited			CSO, §1637(j)
Shore Scaffolds, Illustration			CSO, §1938, Appx B, Plate B-40
SHORING, General			CSO, §1541(j)
SHORING SYSTEMS, Excavations			CSO, §1541.1
Alternatives to Timber Shoring			CSO, §1541.1, Appx E
Aluminum Hydraulic Shoring			CSO, §1541.1, Appx D
Selection of Shoring System			CSO, §1541.1, Appx F
Timber Shoring for Trenches			CSO, §1541.1, Appx C
SHORING, Vertical Support Systems			CSO, §1717
SHORTS, Free From Electrical Shorts			ESO-HV, §2710(c)
SHORTS, Locating & Testing of Cable Faults, per TelSO			TelSO, §8613
Testing Procedure			TelSO, §8613(b)
Training of Employees			TelSO, §8603(a)
Use of High Voltage in Testing Procedure			TelSO, §8613(a)
SHOVELS, Cranes, Draglines & Loading Devices, per MSO			MSO, §7012
Parts of, Subject to Wear			MSO, §7011
SHOWER & EYE WASH, Emergency Equipment		Also **EYEWASH**	
First Aid Requirement			GISO, §3400(d)
Emergency Equipment			GISO, §5162
	Location		GISO, §5162(c)
	Maintenance		GISO, §5162(e)
	Periodic Testing		GISO, §5162(e)
	Performance		GISO, §5162(d)
	Worksite Requirement		GISO, §5162(a), (b)
SHOWER FACILITIES, Change Rooms, per MSO			
Surface Operations			MSO, §6976(a)
Underground Mines			MSO, §6977(c)
SHOWER FACILITIES, Number of, per PSO-D&P			PSO-D&P, §6514(a), EXCEPTION
Well Drilling Facility Requirements			PSO-D&P, §6515
SHOWER FACILITY, Emergency wash stations			
Aqua Ammonia Operations			GISO, §3454(g)
Eye wash & Shower, Emergency Equipment		Also **EYEWASH**	GISO, §5162
Refinery Operations			PSO-R,T&H, §6822
SHOWER FACILITIES, Change Houses / Rooms, per TSO			TSO, §8431
SHOWERS, per SSO			SSO, §8397.4(f)
SHUT-OFF, Fuel Dispensers, at Service Station			GISO, §5572
SHUTTLES, Looms			GISO, §4460
SIDE-BOOM CRANES			CSO, §1694
SIDE MOUNT TOWER, Logging Operations			
Carriage Detail, Illustration			LSSO, §6402, Appx A
with Mechanical Slack Pulling Carriage, Illustration			LSSO, §6402, Appx A
Tail Spar Detail			LSSO, §6402, Appx A
SIDEWALK ELEVATORS		See under **ELEVATORS**	
SIDEWALKS, Raised Plank Construction			CSO, §1624
SIGNALS & COMMUNICATION SYSTEMS			
Amusement rides			GISO, §3906
	Permanent Amusement rides		PARSO, §3195.9
Crane Operations			
	Signal Requirements		GISO, §5001
	Illustrations		GISO, §5001, Plate 1
	Signal Person, Qualified		GISO, §5001(a), (b)
Electrical Work, per ESO			
	Application / Scope		ESO-LV, §2587.1
	Conductor Location		ESO-LV, §2587.3
	Equipment Location		ESO-LV, §2587.4
	Grounding		ESO-LV, §2587.5
	Protective Devices		ESO-LV, §2587.2
Freight elevators			ElevSO, §3037
Logging Operations			LSSO, Article 4
	Electrical Signal Systems		LSSO, §6271

	Radio Signal Systems		LSSO, §6272
	Citizen Band Radios		LSSO, §6273
	Signal Systems		LSSO, §6270
	Helicopter Operations		LSSO, §6326
		Hand Signals, Illustration	LSSO, §6402, Appx A
	Radio Signal Systems		LSSO, §6272
		Citizen Band Radios	LSSO, §6273
	Signals, Hand, Illustration		LSSO, §6402, Appx A
	Signal Systems		LSSO, §6270
	Tractor Signals, Logging		LSSO, §6402, Appx A
	Whistle Signals		LSSO, §6402, Appx A
Mining Operations, Underground			
	Emergency alarms		MSO, §7075
	Hoisting, Mine shafts		MSO, §7139
		Dual signaling systems	MSO, §7140
		Signal Code	MSO, §7141
		Station Signal Board	MSO, §7142
Slow Moving Vehicle / Agricultural Vehicles			GISO, §3340(d)(6)
Tunnel Operations			TSO, §8498
SIGNALING CIRCUITS, Remote Control			ESO-LV, Article 85
Class 1, 2, & 3 Circuits			ESO-LV, §2585.1
Classification			ESO-LV, §2585.1
Marking			ESO-LV, §2585.2
Separation from Conductors & Other Circuits			ESO-LV, §2585.3
SIGNS, Accident Prevention			GISO, §3340
	Application / Scope of §3340		GISO, §3340(a)
	Definitions		GISO, §3340(b)
Aerosol Transmissible Diseases, Zoonotic			GISO, §5199.1(d)
Agricultural Vehicle Sign, Slow Moving			GISO, §3340(d)(6)
Approved			GISO, §3340(d)
Asbestos removal		See under **ASBESTOS**	
Biological Hazard			GISO, §3340(c)(5)
	Symbol		GISO, §3340(d)(7)
	Tags		GISO, §3341(h)
Cadmium-related Work		See under **CADMIUM**	
Carcinogens		See under **CARCINOGENS**	
Classification of Signs by Use			GISO, §3340(c)
Clearances, Impaired			GISO, §3273(m)
Danger Signs			GISO, §3340(c)(1)
Design of Signs			GISO, §3340(d)
Design of Sign			GISO, §3340(d)
Exit			GISO, §3216
Hazard Communication, DOT Placards			GISO, §5194.1
Hydrogen Storage locations			GISO, §5470
Lead		See under **LEAD**	
Lettering/Wording			GISO, §3340(d)(1), (e)
Marine terminals			GISO, §3465
Posting of Warning, Impaired Clearances			GISO, §3273(m)
Slow Moving Vehicle Emblem			GISO, §3340(d)(6)
Telecommunication Operations, Traffic Control			TelSO, §8604(a)
Tunnel Operations, Laser light warnings			TSO, §8416(b)
Traffic Control, Public Streets & Highways			CSO, §1598(b)
	Flagger Requirements		CSO, §1599
		Employees exposed to Vehicle Traffic at Excavations	CSO, §1541(d)
		High Visibility Safety Apparel, Flaggers, warning garments	CSO, §1599(d)
		High Visibility Safety Apparel, Flaggers, during hours of darkness	CSO, §1599(e)
		High Visibility Safety Apparel, Flaggers, proper type	CSO, §1599(f)
		Number of Flaggers	CSO, §1599(a)
		Traffic Control & Barricades, Public Streets & Highways	CSO, §1598
Warning			GISO, §3340(c)(2); (d)(3)
	Agricultural Equipment		GISO, §3440(c)(3); (f)(2)(B)
	Automatic Start		GISO, §3320
	High Voltage Lines		ESO-HV, §2947
Wording on Signs			GISO, §3340(e)
SIGNS, **ADVERTIZING STRUCTURES**, & Outline Lighting			
High Voltage			ESO-HV, Article 39
	Electric-Discharge Tubing		ESO-HV, §2972
	Electric Discharge Tubing, Terminals & Receptacles		ESO-HV, §2973
	Installation of Conductors		ESO-HV, §2970
	Switches on Doors		ESO-HV, §2974
	Transformers		ESO-HV, §2971
Low Voltage			ESO-LV, Article 73
	Clearances		ESO-LV, §2560.10
	Disconnecting Means		ESO-LV, §2560.2
	Location of		ESO-LV, §2560.3
SIGNS, **ADVERTIZING STRUCTURES,** Outdoor			GISO, Article 11+H1266
Fall Protection Requirements			GISO, §3416

	General			GISO, §3412
	Ladders			GISO, §3413
	Ladder Scaffolds			GISO, §3414
	Poster Ladder Scaffolds			GISO, §3414
	Suspended Scaffolds			GISO, §3415
SIGNS	Pulp and Paper			GISO, §4412(b)
SILICA, Airborne Contaminant, Exposure limit				GISO, §5155, & Appx A
	Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
SILICA, Crystalline, Respirable Dust				GISO, §5155, Table AC-1
SILICA, RESPIRABLE CRYSTALLINE, per CSO				CSO, §1532.3
	Scope and application			CSO, §1532.3(a)
	Definitions			CSO, §1532.3(b)
		Action Level		CSO, §1532.3(b)
		High-efficiency Particulate Air (HEPA) Filter		CSO, §1532.3(b)
		Objective Data		CSO, §1532.3(b)
		Respirable Crystalline Silica		CSO, §1532.3(b)
	Specified exposure control methods			CSO, §1532.3(c)
		Equipment and Task, Table 1		CSO, §1532.3(c)(1)
		Control Methods		CSO, §1532.3(c)(1)
		Respiratory Protection		CSO, §1532.3(c)(1)
		Visible Airborne Dust		CSO, §1532.3(c)(2)
		Enclosed cab or booth		CSO, §1532.3(c)(2)(C)
		Performing more than one task		CSO, §1532.3(c)(3)
	Alternative exposure control methods			CSO, §1532.3(d)
		Permissible exposure limit (PEL)		CSO, §1532.3(d)(1)
		Silica, crystalline, respirable dust		GISO, §5155, Table AC-1
		Exposure assessment		CSO, §1532.3(d)(2)
			Performance option	CSO, §1532.3(d)(2)(B)
			Scheduled monitoring option	CSO, §1532.3(d)(2)(C)
			Reassessment of exposures	CSO, §1532.3(d)(2)D)
			Methods of sample analysis	CSO, §1532.3(d)(2)(E)
			Employee notification of assessment results	CSO, §1532.3(d)(2)(F)
			Observation of monitoring	CSO, §1532.3(d)(2)(G)
		Methods of compliance		CSO, §1532.3(d)(3)
			Engineering and work practice controls	CSO, §1532.3(d)(3)(A)
			Abrasive blasting	CSO, §1532.3(d)(3)(B)
	Respiratory protection			CSO, §1532.(e)
		General Requirements		CSO, §1532.(e)(1)
		Respiratory protection program		CSO, §1532.(e)(2)
		Specified exposure control methods		CSO, §1532.(e)(3)
	Housekeeping			CSO, §1532.3(f)
		Dry sweeping or dry brushing		CSO, §1532.3(f)(1)
		Use of compressed air		CSO, §1532.3(f)(2)
	Written exposure control plan			CSO, §1532.3(g)
		Elements		CSO, §1532.3(g)(1)
		Review and evaluation		CSO, §1532.3(g)(2)
		Competent person		CSO, §1532.3(g)(4)
	Medical surveillance			CSO, §1532.3(h)
		General Requirements		CSO, §1532.3(h)(1)
		Initial examination		CSO, §1532.3(h)(2)
		Periodic examinations		CSO, §1532.3(h)(3)
		Information provided to the PLHCP		CSO, §1532.3(h)(4)
		Written medical report		CSO, §1532.3(h)(5)
		Additional examinations.		CSO, §1532.3(h)(7)
	Communication of respirable crystalline silica hazards			CSO, §1532.3(i)
		Hazard communication		CSO, §1532.3(i)(1)
		Employee information and training.		CSO, §1532.3(i)(2)
	Recordkeeping			CSO, §1532.3(j)
		Air monitoring data		CSO, §1532.3(j)(1)
		Objective data		CSO, §1532.3(j)(2)
		Medical surveillance		CSO, §1532.3(j)(3)
	Appendix A to Section 1532.3 - Methods of Sample	Analysis (Mandatory)		CSO, §1532.3 Appx A
		Evaluation of samples		CSO, §1532.3 Appx A
		Accreditation		CSO, §1532.3 Appx A
		Instrument calibration		CSO, §1532.3 Appx A
		Quality control		CSO, §1532.3 Appx A
		Characterization of sample		CSO, §1532.3 Appx A
SILICA, RESPIRABLE CRYSTALLINE, per GISO				GISO, §5204
	Scope and application			GISO, §5204(a)
	Definitions			GISO, §5204(b)
		Action Level		GISO, §5204(b)
		High-efficiency Particulate Air (HEPA) Filter		GISO, §5204(b)
		Objective Data		GISO, §5204(b)
		Respirable Crystalline Silica		GISO, §5204(b)
	Permissible exposure limit (PEL)			GISO, §5204(c)

Exposure assessment			GISO, §5204(d)
	Performance option		GISO, §5204(d)(2)
	Scheduled monitoring option		GISO, §5204(d)(3)
	Reassessment of exposures		GISO, §5204(d)(4)
	Methods of sample analysis		GISO, §5204(d)(5)
	Employee notification of assessment results		GISO, §5204(d)(6)
	Observation of monitoring		GISO, §5204(d)(7)
	Silica, crystalline, respirable dust		GISO, §5155, Table AC-1
Regulated areas			GISO, §5204(e)
	Establishment of area		GISO, §5204(e)(1)
	Demarcation		GISO, §5204(e)(2)
	Access		GISO, §5204(e)(3)
	Provision of respirators		GISO, §5204(e)(4)
Methods of compliance			GISO, §5204(f)
	Engineering and work practice controls		GISO, §5204(f)(1)
	Written Exposure Control Plan		GISO, §5204(f)(2)
Respiratory protection			GISO, §5204(g)
	General Requirements		GISO, §5204(g)(1)
	Respiratory protection program		GISO, §5204(g)(2)
Housekeeping			GISO, §5204(h)
	Dry sweeping or dry brushing		GISO, §5204(h)(1)
	Use of compressed air		GISO, §5204(h)(2)
Medical surveillance			GISO, §5204(i)
	General Requirements		GISO, §5204(i)(1)
	Initial examination		GISO, §5204(i)(2)
	Periodic examinations		GISO, §5204(i)(3)
	Information provided to the PLHCP		GISO, §5204(i)(4)
	Written medical report		GISO, §5204(i)(5)
	Additional examinations.		GISO, §5204(i)(7)
Communication of respirable crystalline silica hazards			GISO, §5204(j)
	Hazard communication		GISO, §5204(j)(1)
	Signs		GISO, §5204(j)(2)
	Employee information and training.		GISO, §5204(j)(3)
Recordkeeping			GISO, §5204(k)
	Air monitoring data		GISO, §5204(k)(1)
	Objective data		GISO, §5204(k)(2)
	Medical surveillance		GISO, §5204(k)(3)
Appendix A to Section 5204 - Methods of Sample Analysis (Mandatory)			GISO, §5204 Appx A
	Evaluation of samples		GISO, §5204 Appx A
	Accreditation		GISO, §5204 Appx A
	Instrument calibration		GISO, §5204 Appx A
	Quality control		GISO, §5204 Appx A
	Characterization of sample		GISO, §5204 Appx A
SILICATES, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
SILICON TETRAHYDRIDE, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
SILVER, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
SILVER COMPOUNDS, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
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” ” ”	See also **ELECTRONIC NEWS GATHERING (ENG) EQUIPMENT**
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Dye Jigs	GISO, §4471
Folders, Cuttle or Swing Folder	GISO, §4474
Garnett Machine	GISO, §4470
Hand Bailing Machine	GISO, §4473
Looms, Shuttles	GISO, §4460
Napper	GISO, §4468
Picker Machines	GISO, §4466
Pile Cutter or Shearer	GISO, §4467
Ring Spinning Frames, Textile Machinery	GISO, §4459
Roving Parts, Textile Machinery	GISO, §4459
Rug Shredder & Carpet Frayer	GISO, §4462
Sewing Machines, Commercial	GISO, §4475
Shearers	GISO, §4467
Shuttles, Looms	GISO, §4460
Sliver & Ribbon Lap Machines (Doublers)	GISO, §4469
Slubbers, Textile Machinery	GISO, §4459
Swing folders	GISO, §4474
Twisters interlocks for gear housing covers	GISO, §4459
Warpers, Textile Machinery	GISO, §4458
THALLIUM COMPOUNDS, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A

Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
THEATERS & SIMILAR LOCATIONS — ESO-LV, Article 70
Application / Scope — ESO-LV, §2552.1
Arc lamps — ESO-LV, §2552.61
Bracket Fixture Wiring — ESO-LV, §2552.63
Cable Connectors — ESO-LV, §2552.67
Conductors for Lamps & hot equipment — ESO-LV, §2554.14
Conductors for Portables — ESO-LV, §2552.68
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Lamp guards — ESO-LV, §2552.72
Pendant Lamp holders — ESO-LV, §2552.71
Emergency Lighting, Switch Location — ESO-LV, §2571.21
Festoons — ESO-LV, §2552.65
Lamps, Arc — ESO-LV, §2552.61
Lamps & hot equipment Conductors — ESO-LV, §2554.14
Lamp Guards — ESO-LV, §2552.72
Lamp Scaffolds & Parallels — GISO, §3245
Lamps in Scene Docks — ESO-LV, §2552.47
Motion picture projection rooms — GISO, §3245
Motion Picture Projectors — ESO-LV, §2552.2
Pendant Lamp-holders — ESO-LV, §2552.71
Portable Plugging Boxes — ESO-LV, §2552.62
Power Strips, Portable — ESO-LV, §2552.64
Projectors, Motion Picture — ESO-LV, §2552.2
Nonprofessional type Projectors
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Booth not required — ESO-LV, §2554.31
Definition — ESO-LV, §2554.30
Film Marking — ESO-LV, §2554.35
Illumination, Sources of — ESO-LV, §2554.33
Marking, Information Plate — ESO-LV, §2554.34
Professional Type Projectors
Approval — ESO-LV, §2554.20
Conductors for Lamps & hot equipment — ESO-LV, §2554.14
Conductor Size — ESO-LV, §2554.13
Definition — ESO-LV, §2554.2
Flexible cords — ESO-LV, §2554.15
Equipment Prohibited — ESO-LV, §2554.11
Lamp guards — ESO-LV, §2554.16
Location of equipment — ESO-LV, §2554.10
Marking — ESO-LV, §2554.21
Motor- Driven Projectors — ESO-LV, §2554.12
Prohibited Equipment — ESO-LV, §2554.11
Portable plugging boxes — ESO-LV, §2552.62
Portable stage equipment — See under Stage Equipment, Portable, under this listing
Portable strips — ESO-LV, §2552.64
Sound Recording & Reproducing Equipment — ESO-LV, §2554.50
Grouping of conductors — ESO-LV, §2564.6
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Stage Equipment, Portable
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Bracket Fixture Wiring — ESO-LV, §2552.63
Cable Connectors — ESO-LV, §2552.67
Conductors for Portables — ESO-LV, §2552.68
Festoons — ESO-LV, §2552.65
Portable Plugging Boxes — ESO-LV, §2552.62
Power Strips, Portable — ESO-LV, §2552.64
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Special Effects, Electrical Devices — ESO-LV, §2552.66
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Guarding Back of Switchboard — ESO-LV, §2552.22
Lamps in Scene Docks — ESO-LV, §2552.47
Switchboards, Portable, on Stage
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Over-current Protection — ESO-LV, §2552.52
Power Supply — ESO-LV, §2552.51
THERMO-SETTING PLASTIC MOLDING PRESSES — GISO, §4601
THIMET, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
THIOBIS BUTYL, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
THIODAN, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
THIOGLYCOLIC ACID, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A

Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
THIONYL CHLORIDE	
Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
Process safety management	GISO, §5189, Appx A
THIRAM, Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
THREADING / CUTTING MACHINE, PIPE, Portable	
Controls, Momentary Contact Device	GISO, §4086
TIE OFF, FALL PROTECTION, Means of	
Floor Openings	GISO, §3212
Guardrails, Elevated Locations, Required at	GISO, §3210
Roof Openings	GISO, §3212
Specifications of Guardrails	GISO, §3209
Wall Openings, at	GISO, §3211
TIE OFF, FALL PROTECTION REQUIREMENTS, per CSO	CSO, Article 24
Anchorages	CSO, §1670(i)
Approval of Equipment	CSO, §1670(f)
Body Belts Prohibition of Personal Fall Restraint Systems	CSO, §1670(b)
Controlled Access Zones	CSO, §1671.2(a)
Eave Barriers	CSO, §1724(e)
Guard Railings	CSO, §1724(e)(1)
Securing of	CSO, §1724(e)(2)
General, Construction Activities	CSO, §1669
Fall Arrest Systems	CSO, §1670(b)
Subjected to In-Service loading, Use Prohibited	CSO, §1670(h)
Fall Protection Plan	CSO, §1671.1
Fall Restraint Systems	CSO, §1670(d)
Helicopter ground crews	CSO, §1909
Horizontal Movement, Lanyard Sliding Attachment	CSO, §1670(g)
Impalement, To Protect from Rebar & Other	CSO, §1711(i)
Inclines, Slopes, Working on >40°, Fall Protection Required	CSO, §1670(a)
Labeling	CSO, §1670(k), (l)
Lanyards, securing of	CSO, §1670(e)
Lifelines	CSO, §1670(i), (j)
Monitoring, Safety	CSO, §1671.2(b)
Personal Fall Protection Devices	CSO, §1670
Personal fall Arrest Systems	CSO, §1670(b)
Personal Fall Restraint Systems	CSO, §1670(d)
Positioning Devices	CSO, §1670(c)
Power Poles, Towers or Similar Structures, Elevated Locations on, per ESO	CSO, §1670(a), Note
Power Poles, Towers or Similar Structures, Working From, per TelSO	CSO, §1670(a), Note
Roofing Operations	CSO, §1670(a), Note
General Requirements	CSO, §1724(f)
Hazards	CSO, §1730
New Production-Type Residential Construction	CSO, §1731
Specific Roofing Activities	CSO, §1731(b)-(f)
Reinforcing Steel, Rebar, Work over	CSO, §1711(i)
Removal from Service, Exposed to In-Service loading	CSO, §1670(h)
Safety Belts, Use of	CSO, §1670(b)
Prohibition for Fall Arrest Systems	CSO, §1670(a)
Safety monitoring, Controlled Access Zone	CSO, §1671.2
Safety Nets	CSO, §1671
Slopes, Working On >40°, Fall Protection Required	CSO, §1670(a)
Steel erection operations to See also CSO, Article 29	CSO, §1670(g), Note
Structural steel erection	CSO, §1710
Wire Rope, used as Guard Railing	CSO, §1710(l)(3)
Used as Catenary Line and Guard Rail	CSO, §1710(m)(4)
Used as Catenary Line	CSO, §1670(b)(2)
Unconventional methods, plan	CSO, §1671.1
When required	CSO, §1669
Wire Rope	
Used as Guard Railing, Steel Erecting	CSO, §1710(l)(3)
Used as Catenary Line and Guard Rail	CSO, §1710(m)(4)
Used as Catenary Line	CSO, §1670(b)(2)
Wire Rope Center, Lifelines w/	CSO, §1670(j)
Wood framing systems	CSO, §1716.1
TIE OFF, FALL PROTECTION REQUIREMENTS, per ESO	
Fall Protective Equipment	ESO-HV, §2940.6(b)
Linemen's Body Belts & Lanyards	ESO-HV, §2940.6(c)
Power Poles, Towers or Similar Structures, per ESO	ESO-LV, §2320.8
TIE OFF, FALL PROTECTION REQUIREMENTS, per GISO	
Aerial Devices	GISO, §3648(o)
Date palm operations, Fall Protection for	GISO, §3458
Job briefing	GISO, §3458(e)
Inspection of fall protection equipment	GISO, §3458(f)

Positioning devices	GISO, §3458(d)
Saddles	GISO, §3458(c)
Definition	GISO, §3207
Elevated Locations	GISO, §3210(a)
Elevating Work Platforms	GISO, §3642(a)
Floor Openings	GISO, §3212(a)
Illustration, Design	GISO, §3209, Figure SG-1
Ladderway	GISO, §3212(a)
Life lines	See **SAFETY BELTS**
Outdoor Advertising Signs	GISO, §3416
Anchorage	GISO, §3416(e)
Powered Platforms	GISO, §3284(c)
” ”	GISO, §3299
Roof Openings	GISO, §3212(a)
Safety Belts	See **SAFETY BELTS**
Specification, Design, Guard Railings	GISO, §3209
Tanks, Vats, Pans, Open	GISO, §3480(b)
Window Washing	GISO, §3284(c)
” ”	See under **WINDOW CLEANING**
TIE OFF, FALL PROTECTION REQUIREMENTS, per MSO	
Bin, Bunkers, Other Storage Containers, Entry into	MSO, §6981(a)
Life Lines & Safety Belts	MSO, §6981
Damaged Life Lines	MSO, §6981(b)
Replacing Damaged Life Lines	MSO, §6981(c)
Safety Belts, Type Approval By Cal/OSHA	MSO, §6981(f)
Securing of Life Lines	MSO, §6981(e)
Size of Life Lines	MSO, §6981(b)
Inspection of Life Lines	MSO, §6981(d)
TIE OFF, FALL PROTECTION REQUIREMENTS, per PSO-D&P	
Fall Protection Requirements, Derrick / Mast Work	PSO-D&P, §6580
TIE OFF, FALL PROTECTION REQUIREMENTS, Window Cleaning	GISO, §3284
TIGHTENERS, BELT	GISO, §4071
TILT-FRAME REFUSE & TRASH COLLECTION EQUIPMENT	GISO, §4345
TILES, Stabilized, Stacked	CSO, §1549(a)
TILT-UP CONCRETE PANEL CONSTRUCTION	CSO, §1715
TIMBER	See **LOGGING OPERATIONS** and **SAWMILL OPERATIONS**
TIMBER, Suggested Load Limits	CSO, §1938, Appx B, Plate B-10
Square Columns, Suggested Load Limits	CSO, §1938, Appx B, Plate B-9
TIN COMPOUNDS	
Airborne Contaminant, Exposure limit	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
TIPPING PREVENTION, limiting height of stored Material	GISO, §3241(c)
TIRE INFLATION	GISO, §3325
TIRE REPAIR, Split Rim Wheels	GISO, §3326
Tires, Inflation & Mounting	GISO, §3325
Split-Rim Mounting, Safety Practices	GISO, §3327
TIRNBERING, Underground Mining	MSO, §6990
TITANIUM, Combustible Metals	GISO, §5175
TOBACCO	See also **SMOKING**
Cigar cutters	GISO, §4558
Machine / Operations	See **FOOD & TOBACCO MACHINES & OPERATIONS**
TOEBOARDS, per CSO	CSO, §1621(b)
Alternative to	CSO, §1621(c)
Material containment	CSO, §1621(b), (c)
Stairwells, Around	CSO, §1626(a)(2)
TOEBOARDS, per GISO	GISO, §3212(a)
Definition	GISO, §3207
Elevated Locations	GISO, §3210(a)
Floor Openings	GISO, §3212(a)
Illustration, Design	GISO, §3209, Figure SG-1
Ladderway	GISO, §3212(a)
Roof Openings	GISO, §3212(a)
Specification, Design	GISO, §3209(d)
Tanks, Vats, Pans, Open	GISO, §3480(b)
TOILET FACILITIES, GISO Restroom & Sanitary Requirements	
Cleanliness/ Sanitary Condition	GISO, §3364(b)
Soap In	GISO, §3366(d)
Toilet Paper, In	GISO, §3364(d)
Toilet Paper Holders	GISO, §3457(c)(3)(C)
Maintained	GISO, §3364(b)
Separation Walls & Doors	GISO, §3364(d)
Towels, In	GISO, §3366(e), (f)(3)
Water Temperature	GISO, §3366(d)
TOILET FACILITIES, Operation Specific	
Agricultural Operations	GISO, §3457(c)(2)
Toilets, At Agricultural Operations	GISO, §3457(c)(2)
Toilet Paper Holders	GISO, §3457(c)(3)(C)

Construction Jobsites — CSO, §1526
Decompression Chambers — GISO, §6095(f)
Mining Operations — MSO, §6978
Pressurized Worksites
Decompression chambers — GISO, §6095(f)
Working chambers — GISO, §6100(d)
Ship Building, Ship Repairing & Ship Breaking Operations — SSO, §8397.4(d)
Tunneling Operations — TSO, §8433
TOILET PAPER
In Bathrooms — GISO, §3364(d)
Toilet Paper Holders — GISO, §3457(c)(3)(C)
TOLUENE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
TOLUENE DIISOCYANATE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
TOLUIDINE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
TOLUOL, (Toluene) Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
TONGS, PIPE, per PSO-D&P
Post & Safety Line Requirements — PSO-D&P, §6605
TONGS, Power Tongs, Control Mechanisms — PSO-D&P, §6628
TONGUE GUARDS, Exposure Adjustment, Grinders — GISO, §3578(g)
TOOL DESIGN, Ergonomics
Control of Exposures, RMI Prevention Program Requirements — GISO, §5110(b)(2)
TOOLS, Double Insulated Tools, Grounding Exception — ESO-LV, §2395.45, Exception (2)
TOOLS, General
Employers Responsibility — GISO, §3556(a)
Insulated Tools, Grounding Exception — ESO-LV, §2395.45, Exception (2)
Intended Use, Only — GISO, §3556(b)
Unsafe Tool Use Prohibited — GISO, §3556(c)
TOOLS, Hand, per CSO
Defective, Remove from service — CSO, §1699(a)
Electrical Power Hand Tools
Lifting / Hoisting by Electric Cord — CSO, §1707(a)
Employee Owned — GISO, §3556
Hydraulic power tools, Safe Operating Pressure — CSO, §1707(c)
Lifting / Hoisting by Electric Cord Prohibited — CSO, §1707(a)
Pneumatic Power Tool General Requirements — CSO, §1707(b)
Hose Connections, By Positive Means — CSO, §1707(b)(1)
Lifting / Hoisting by Hoses Prohibited — CSO, §1707(b)(3)
Safe Operating Pressure, Manufacturer's — CSO, §1707(b)(2)
Pneumatically Driven Nailers & Staplers — CSO, §1704
Air Hose, Securing of — CSO, §1704(d)
Code of Safe Practice Requirement — CSO, §1704(f)
Definitions — CSO, §1704(a)
Disconnecting Requirement — CSO, §1704(c)
General Safety Requirements — CSO, §1704(b)
Safety Device — CSO, §1704(e)
Trainers — CSO, §1704(g)
Powder-actuated tools — See **TOOLS**, **POWER-ACTUATED**
Preventing Tools from falling — CSO, §1699(b)
Repairing Unsafe Tools — CSO, §1699(a)
Staplers, pneumatically driven — See under Pneumatically Driven Nailers & Staplers
TOOLS, Hand, per ESO
Electrical Grounding, Cord- & Plug-connected — ESO-LV, §2395.45(a)
Double Insulated Tools, Grounding Exception — ESO-LV, §2395.45, Exception (2)
High Voltage Operation — ESO-HV, §2940.6(g)
Inspection of Tools, Employee Instructed to — ESO-HV, §2940(b)
Inspection, Tools & Protective Equipment — ESO-HV, §2940.6
TOOLS, Hand, per GISO — CSO, §1699
Special Hand Tools — GISO, §3330
TOOLS, Hand, per LSSO — CSO, §1699
Logging & Sawmill Operation — LSSO, §6263
TOOLS, Hand & Portable Power Tools — GISO, Article 20
Definitions — GISO, §3555
Airless Spray Guns — GISO, §3559.1
Controls & Switches for Portable Tools — GISO, §3557
Employee Owned Tools — GISO, §3556
Handling Heavy Tools at Drilling Wells, per PSO-D&P — PSO-D&P, §6607
Jacks — GISO, §3562
Lawn Mowers, Power — GISO, §3563
Pneumatic & Powder Actuated Tools — GISO, §3559
Portable Winches — GISO, §3564
Powder Actuated Tools Pneumatic & — GISO, §3559
Prohibiting Use of Unsafe Hand Tools — GISO, §3556(a)
Restricted Use — GISO, §3556(b)

Safe Condition of Tools		GISO, §3556(a)
Switches & Controls for Portable Tools		GISO, §3557
Winches, Portable		GISO, §3564
TOOLS, POWDER-ACTUATED		CSO, Article 27
Approval Number, California		CSO, §1684(a)((2)
	For Intended Use	CSO, §1684(a)(1)
Container, Tool, Requirements		CSO, §1687(a)
	Contents Required	CSO, §1689(b)
	Labeling of Container	CSO, §1687(a)
	Lockable	CSO, §1687(a)
Defective Tools, Placed out-off Service		CSO, §1691(d)
	Tag, Defective Tool	CSO, §1691(d)
Defined		CSO, §1504
Design Requirements		CSO, §1684
Eye or Face Protection		CSO, §1691(b)
Explosive atmosphere, prohibited		CSO, §1690(a)
Fasteners & Power Loads		CSO, §1691(f)
	Chart	CSO, §1687(b)(2)
	Manufacturer's recommendations to be followed	CSO, §1691
	Materials, not to be driven into certain	CSO, §1690
Fastening Operation		
	Brittle Material, prohibition	CSO, §1690(c)
	Penetration Control, for Soft Material	CSO, §1690(d)
	Steel, Edge of, Fastening	CSO, §1690(e)
	Very Hard Materials, prohibition	CSO, §1690(c)
Flammable atmosphere, prohibited		CSO, §1690(a)
Hands & Feet, Clear from Barrel		CSO, §1691(j)
Inspection		CSO, §1689(a)
	Prior to Use	CSO, §1691(c)
	Inspection Record	CSO, §1687(b)(3)
	Maintenance &	CSO, §1689(a)
Instruction manual		CSO, §1687(b)(1)
	Storage in tool container	CSO, §1689(b)
Instruction, Operator		CSO, §1685(b)
	Instructor Qualifications	CSO, §1685(b)(1), (2)
Labels on Containers		CSO, §1687(a)
Limitations of Use		CSO, §1690
Loading		CSO, §1691(g)
Maintenance & Service		CSO, §1689(a)
	Service Record	CSO, §1687(b)(3)
Manual Requirement		CSO, §1687(b)(1)
	Storing of Manual	CSO, §1689(b)
Manufacturer's Supplied Accessories, Shields, Adapters		CSO, §1691(e)
Misfiring		CSO, §1691(l)
Operation Requirements		CSO, §1691
	According to Manufacturer's Instructions	CSO, §1691(a)
Operator		
	Card	CSO, §1685(a)(1), (2)
	Instruction	CSO, §1685(a)
	Qualifications	CSO, §1685(a)
Pointing of Loading or empty Tools, Prohibition		CSO, §1691(i)
Pole Tool Assemblies		CSO, §1688
	Approval Criteria for Pole Tools	CSO, §1938, Plate C-37
Positioning the Tools		CSO, §1691(k)
Power Loads & Fasteners		CSO, §1691(f)
	Keeping, Storing	CSO, §1691(m)
	Limitations of Power Loads	CSO, §1692(c)
	Locked Container	CSO, §1689(c)
	Identification of Power Loads	CSO, §1692, Table 1
	Identification of Power Load Packages	CSO, §1692(d)
	Identification of Cased Power Loads	CSO, §1692(a)
	Identification of Case-less Power Loads	CSO, §1692(a)
	Power Load Identification Table	CSO, §1692, Table 1
Service tools		CSO, §1687(b)
Signs		CSO, §1691(n)
Storing of		CSO, §1689(c)
Tool, Requirements for		CSO, §1687(c)(4)
Tool Accessories, requirements for		CSO, §1687(b)
Training, Instructor Qualifications		CSO, §1685(b)
Un-attended Tools		CSO, §1690(b)
Unloading, when Work is Interrupted or not in-use		CSO, §1691(h)
Use, Limitations of		CSO, §1690
Warning Label Requirements		CSO, §1687(a)
TOOLS & EQUIPMENT, Miscellaneous, per PSO-D&P		PSO-D&P, §6646
TOOLS & EQUIPMENT, per TelSO		
Aerial Splicing Platforms		TelSO, §8609(b)
Aerial Tents, Flame-type heaters use Restricted		TelSO, §8609(a)

Cable Reels, Handling of			TelSO, §8612(b)
Clearance to High-Voltage Power Lines			TelSO, §8610(d)
Daily Visual Inspection of Equipment			TelSO, §8610(a)
Daily Testing of Brakes & Operating Systems			TelSO, §8610(b)
Defective Tools & Equipment, Removal from Service			TelSO, §8605(b)
Equipment	Requirements		TelSO, §8605
Flame-type heaters, Restricted use			TelSO, §8609(a)
Gaffs, Pole climbers			TelSO, §8607
	Gaff Length		TelSO, §8607(a)
	Inspections of Pole Climbers		TelSO, §8607(b)
	Safety Caps for Gaffs		TelSO, §8607(a)
	Test, Gaff Cut-out, Weekly		TelSO, §8607(c)
	Pole climber Use, Wood Poles only		TelSO, §8607(a)
Ground Tents, Flame-type heaters use Restricted			TelSO, §8609(a)
Hoisting Equipment			TelSO, §8611
	Clearances to High-Voltage Conductors / Equipment		TelSO, §8611(a)
	Handling Poles Near High-Voltage		TelSO, §8611(a)
Inspections of Tools & Equipment			TelSO, §8605(a)
Insulated Equipment, Rubber			TelSO, §8606
Ladders			
	Pole & Towers		TelSO, §8608
	Man Holes		TelSO, §8616(e)
LP Gas Containers Pursuant to UFPV			TelSO, §8602(f)
Rollover Protection			TelSO, §8610(c)
Soldering Devices			TelSO, §8609(c)
	Lead Work		TelSO, §8609(d)
		Eye Protection	TelSO, §8609(c)
		Wiping Operations	TelSO, §8609(c)
		Wiping Gloves	TelSO, §8609(c)
		Cloths	TelSO, §8609(c)
Special Equipment & Tools			TelSO, §8605
Tents, Aerial, Restriction of Flame-type heaters Use			TelSO, §8609(a)
Tent Heaters, Restricted use			TelSO, §8609(a)
Torches, Restricted use			TelSO, §8609(b)
Tools Inspections, Daily			TelSO, §8605(a)
Vehicle-Mounted, Material Handling Equipment			TelSO, §8610
	Daily Visual Inspection of Equipment		TelSO, §8610(a)
	Daily Testing of Brakes & Operating Systems		TelSO, §8610(b)
	Rollover Protection		TelSO, §8610(c)
	Clearance to High-Voltage Power Lines		TelSO, §8610(d)
TORDON, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
Listed, Permissible Exposure Limits			GISO, §5155, Table AC-1
TOWELS, In Restroom / Washing Facility			GISO, §3366(e), (f)(3)
TOWER CRANES			GISO, Article 96
	Application		GISO, §4965(a)
	General Requirements	See under **CRANES**	
	Operator Qualification and Certification, per CSO		CSO, §1618.1
Access for Maintenance of Crane Components			GISO, §4965(g)
Application of standard			GISO, §4965(a)
Brake System			GISO, §4965(f)
Booms, Unattended			GISO, §4967
Chart, Load Rating			GISO, §4965(c)
Dismantling			GISO, §4966
Electrical Grounding			GISO, §4969
Electrical Requirements per ESO		See **CRANES & HOISTS**, Requirements per ESO	
Erection, Dismantling, Operation			GISO, §4966
Erection, Dismantling			GISO, §4966(a)
Illustrations of Tower Crane			
	Climber		GISO, §4885, Plate I, Fig. 16
	Free Standing		GISO, §4885, Plate I, Fig. 17
	Hammerhead		GISO, §4885, Plate I, Fig. 7
	Luffing Boom		GISO, §4885, Plate I, Fig. 17-A
	Mobile Crane, with Tower Attachment		GISO, §4885, Plate I, Fig. 15
	Tower, (Whirley Type)		GISO, §4885, Plate I, Fig. 6
Information booklet provided with			GISO, §4965(b)
Inspection, Testing, Maintained, Operated			GISO, §4965(i), (j)
Lashing booms			GISO, §4967
Load Chard, durable, clear			GISO, §4965(c)
Load Limit Device			GISO, §4966(f)
Load Line Positioning			GISO, §4966(g)
Load Rating Chart			GISO, §4965(c)
Limit Switches, Rail Mounted Cranes			GISO, §4965(h)
Manual, Design, Erection, Operation, Repair			GISO, §4965(b)
Maintained , Testing, Inspection, Operated			GISO, §4965(i), (j)
Mast, Securing of			GISO, §4966(c)
Mobil Towers, Hoists & Similar Equipment			GISO, §4986
Operating Rules		See under **CRANES**	

Operation, Maintenance , Testing, Inspection		GISO, §4965(i), (j)
Operation Manual, Booklet		GISO, §4965(b)
Operator Certification		GISO, §5006.1
Operator Qualifications		GISO, §5006.1
Operator Position		GISO, §4966(h)
Overload Prevention Device		GISO, §4965(d)
Raising of Mast Section		GISO, §4966(e)
Safety Devices		GISO, §4968
	Visual Signal	GISO, §4968(a)(1)
	Audible Signal	GISO, §4968(b)
	Audible & Visual Signal	GISO, §4968(c)
	Automatic Stop	GISO, §4968(d)
	Load Limits Set By Crane Manufacturer	GISO, §4968(e)
	Limit Device, Hook Deceleration	GISO, §4968(f)(1)
	Limit Device, Trolley Travel	GISO, §4968(f)(2)
	Limit Device, Constant Pressure Control	GISO, §4968(f)(3)
	Load Weight Indicator	GISO, §4968(a)(2)
	Overload Prevention	GISO, §4965(d)
	Trolley Radius Indicator	GISO, §4968(a)(2)
Safety Lines		GISO, §4965(g)
Swing Control Device		GISO, §4965(e)
Testing, Inspection, Maintained, Operated		GISO, §4965(i), (j)
Unattended Booms		GISO, §4967
Unbraced, Free Standing Portion Limits		GISO, §4966(b)
Vertical Supports, Structural Damage Prevention		GISO, §4966(d)
TOWER, PRUNING, Orchard Man-lift		GISO, §3641
TOWER SCAFFOLDS, Mobile		GISO, Article 23
	Definitions	GISO, §3621
	General Requirements	GISO, §3622
	Scope	GISO, §3620
Mobile Ladder Stand		GISO, §3627
Mobile Scaffolds		
	Tube & Coupler	GISO, §3625
	Tubular Welded Frame	GISO, §3623
	Tubular Welded Sectional Folding	GISO, §3624
Mobile Work Platform		GISO, §3626
TOWS, Rope		See under **PASSENGER TRAMWAY SAFETY ORDERS**
TOXIC CHEMICALS		
” ”		See also **CARCINOGENS**
” ”		See also **AIRBORNE CONTAMINANTS**
Chemical Toxins Listed		GISO, §5189, Appx A
Contaminants, Airborne, Chemical, listed		GISO, §5155, & Appx A
Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
Process Safety Management of		See **PROCESS SAFETY MANAGEMENT**
TRACKLESS MINE HAULAGE EQUIPMENT & Practices		MSO, §7018
Canopy Guard		MSO, §7020
TRACKS, Train, per TSO		TSO, §8476
TRACTOR-MOUNTED PERSONNEL TRANSPORT CARRIERS,per AgSO		GISO, §3437
TRACTORS, Agricultural		See Tractors in **AGRICULTURAL SAFETY ORDERS**
Personnel Transport Carriers (PTCs)		GISO, §3441(i)
Seat Belts, Personnel Transport Carriers (PTCs)		GISO, §3441(i)(4)(C)
TRACTORS, Industrial		GISO, Article 25
Brake & Parking Brake Requirement		GISO, §3661
Definitions		GISO, §3649
Deflector Guards		GISO, §3654
General Industrial Tractor Requirements		GISO, §3651
Internal Combustion Engines, Use of		GISO, §3662
Maintenance of		GISO, §3663
Operating Rules		GISO, §3650(t)
	Posting & Enforcing of	GISO, §3664
Operator Platforms		GISO, §3658
Rated Capacity		GISO, §3660
Seatbelts		GISO, §3653
Training		GISO, §3664
Warning Devices, Audible		GISO, §3661
Wheel Guards		GISO, §3665
TRACTORS, Logging & Sawmill Operations		LSSO, Article 9
Canopies		LSSO, §6309
Capacity Markings		LSSO, §6313
Design & Construction		LSSO, §6312
Erecting, Lowering & Moving of		LSSO, §6314
Guying of Spars		LSSO, §6315
Identification & Capacity Markings		LSSO, §6313
Inspection, Repair & Maintenance of		LSSO, §6317
Jill Poke Protection		LSSO, §6309
	Jill Poking, Defined	LSSO, §6309(e)
Maintenance of		LSSO, §6317

Overhead Guard Protection	LSSO, §6309
Repair of	LSSO, §6317
Rigging of	LSSO, §6402, Appx A
Rollover Protection	LSSO, §6309
Signals, Logging	LSSO, §6402, Appx A
Tractors & Arches	LSSO, §6308
Use of Spars, Portable Metal	LSSO, §6316
TRADE SECRETS	GISO, §5194(c), (g), (i)
Definitions	GISO, §5194, Appx D
Excluding Trade Secret Information from Submitted Records	GISO, §3204(f)
TRAFFIC CONTROL, Private Roads, Haulage & Earth Moving Equipment	CSO, §1590(a)
Logging Operation, During, Specified	LSSO, §6276
TRAFFIC CONTROL, Public Streets & Highways	CSO, §1598
Flaggers	CSO, §1599
Employees exposed to Vehicle Traffic at Excavations	CSO, §1541(d)
High Visibility Safety Apparel, Flaggers, warning garments	CSO, §1599(d)
High Visibility Safety Apparel, Flaggers, during hours of darkness	CSO, §1599(e)
High Visibility Safety Apparel, Flaggers, proper type	CSO, §1599(f)
Number of Flaggers	CSO, §1599(a)
High Visibility Safety Apparel	CSO, §1598(c), (d), (e)
Logging Operation, During, Specified	LSSO, §6276
Signs	CSO, §1598(b)
Vehicular traffic, Exposure to	CSO, §1541(d)
TRAILER	
Chocking	GISO, §3650(t)(22)
Securing during Loading/Unloading	GISO, §3650(j)
TRAINS, Equipment & Practice, per MSO	MSO, §7024
Underground Train Operations	MSO, §7025
TRAINS, Haulage, per TSO	TSO, §8474
Block Signals	TSO, §8477
Car Passers	TSO, §8479
Cherry Pickers	TSO, §8479
Lights on Trains	TSO, §8472
Locomotives, Haulage	TSO, §8471
Refuge, Places of	TSO, §8482
Safe Practices & Operations Code for Trains	TSO, §8568, Appx A, 24-30
Switches	TSO, §8481
Switches, Portable	TSO, §8478
Tracks, Train	TSO, §8476
Transportation of Workers	TSO, §8473
Visibility, Limited Visibility Precautions	TSO, §8475
TRAINING, Amusement Rides, Permanent, Safety, per PARSO	
Maintenance & Inspections, Employees Performing	PARSO, §3195.6
Operation Procedures, Employees Performing	PARSO, §3195.7
TRAINING, General Safety Training, per CSO	CSO, §1510
Emergency Medical Service Workers	CSO, §1512
Employees, Fist Aid, Specific to Workplace Hazard	CSO, §1510(c)
Hazardous Chemicals	CSO, §1926.59
When first Hired	CSO, §1510(a)
When Operating Machinery / Equipment	CSO, §1510(b)
When subject to Known Hazard	CSO, §1510(c)
TRAINING, per ESO	
Regarding Inspecting, Testing of Safety devices, tools, & equipment	ESO-HV, §2940(b)
Qualified Person	ESO-HV, §2940(c)
TRAINING, per GISO	GISO, §3203(a)(7)
Acetylene Generator System Operator	GISO, §4799
Aerosol Transmissible Diseases	GISO, §5199(i)
Aerosol Transmissible Diseases, Zoonotic	GISO, §5199.1(d)(9)
Asbestos Work	CSO, §1529(k)(9)
Avalanche, Snow, Blasting Operations	GISO, §5350
Avalanche control coordinator	GISO, §5351(e)
Berrilium work	GISO, §5205(m)(4)
Bloodborne Pathogen Exposures	GISO, §5193(g)(2)
HIV, HBV & HCV Exposures	GISO, §5193(e)(5)
Boatswain's Chairs	GISO, §3286(a)(2)
Building Maintenance Operations	GISO, §3298(a)
Carcinogens, Training	GISO, §5209(e)(5)
Coke Oven Emissions, Training	GISO, §5211(t)
Compressed Air Safety Orders, Pressurized Worksite Operations	GISO, §6075(c)
Confined Spaces, Permit Required	GISO, §5157(g)
Confined Space, not Permit Required	GISO, §5158(c)(2)
Cotton Dust	GISO, §5190(i)
Silica, Respirable Crystalline	GISO, §5204(j)(3)
Diving Operations, Training / Experience of	GISO, §6052(d)
Emergency Action Plan	GISO, §3220(e)(3)
Emergency Response, Hazardous Material Release	
Refresher Training	GISO, §5192(q)(8)

	Trainers Training		GISO, §5192(q)(7)
	Training of Responders		GISO, §5192(q)(6)
Erection of Structural Steel			CSO, §1710 (q)
Ergonomics			GISO, §5110(b)(3)
Explosives			
	Blasters Training		GISO, §5239
	Manufacturing & Processing Employees		GISO, §5322
Fire Extinguishers, Use of			GISO, §6151(g)
First Aid / CPR Training, General			
	Agricultural Operations		GISO, §3439(b)
	Construction Operations		CSO, §1510
	Logging & Sawmills		LSSO, §6251(d)
	Tunneling Operations		TSO, §8421
Forklift, General Training Requirements			GISO, §3668
	Certification of Training		GISO, §3668(f)
	Duplicative Training, Avoidance of		GISO, §3668(e)
	Evaluation of Competency		GISO, §3668(a), (d)
	Operating Rules when Elevating Employees, Instructions of		GISO, §3657(i), (j)
	Operating of Trucks by Trainee		GISO, §3668(b)
	Training Program Content		GISO, §3668(c)
	Refresher Training & Evaluation		GISO, §3668(d)
Fuel Gas & Oxygen System Operators			GISO, §4799
General Requirement, IIPP			GISO, §3203(a)(7)
Grain Handling Operations			GISO, §5178(n)
Hazard Communication (Hazcom) Program			GISO, §5194(h)
Hazardous Material Exposure			
	Arsenic, Inorganic		GISO, §5214(m)
	Asbestos		GISO, §5208(j)(7)
	Benzene		GISO, §5218(j)(3)
	Cotton Dust		GISO, §5190(i)
	Dichloromethane, (Methylene Chloride)		GISO, §5202(l)
	Ethylene Dibromide (EDB)		GISO, §5219(j)
	Formaldehyde		GISO, §5217(n)
	Lead		GISO, §5198(l)
	Methylene Chloride		GISO, §5202(l)
	Vinyl Chloride		GISO, §5210(j)
Hazardous Waste Operation Training			GISO, §5192(e)
” ” ” ” ”			See also Emergency Response, Hazardous Material Release Under this Heading
Hazwopper			GISO, §5192(e)
Heat Illness Prevention			GISO, §3395(e)
Hotel Housekeeping Musculoskeletal Injury Prevention			GISO, §3345(d)
Industrial Tractors			GISO, §3664
Laboratory, Exposure to Hazardous Chemicals			GISO, §5191(f)
Lawn Mowers, Operators of Power Lawn Mowers			GISO, §3563(e)
Lead			GISO, §5198(l)
Mine Safety, per MSO			MSO, §6963
	First-Aid at Mining Operations		MSO, §6968
		Surface Operations	MSO, §6968(b)
		Underground Mining	MSO, §6968(a)
Noise Exposure, Control of			GISO, §5099
Oxygen & Fuel Gas System Operators			GISO, §4799
Personal Protective Equipment, PPE			GISO, §3380(f)(4)
	Certification of Training		GISO, §3380(f)(7)
	Demonstrate Understanding of Training		GISO, §3380(f)(5)
	Retraining of Employees		GISO, §3380(f)(6)
Process Safety Management (PSM), Petroleum Refineries			GISO, §5189.1
Powered Platforms, Building Maintenance			GISO, §3298(a)
Power Lawn Mower Operators			GISO, §3563(e)
Power Operated Press			GISO, §4203(b)
Pressurized Worksite Operations			GISO, §6075(c)
Process Safety Management			GISO, §5189(g)
Pulp, Paper, & Cardboard Mill Operations			GISO, §4402
Refinery Operations, Workers			PSO-R,T&H, §6760
Respirators, Respiratory Protection			GISO, §5144(k)
	Respirator Protection Program, Element of		GISO, §5144(c)(1)(G)
Riding on Rolling Scaffolds			CSO, §1646(k)
Rope Access, Use of			GISO, §3270.1 (c)
	Trainer Qualifications		GISO, §3270.1 (h)
Tractor Operation			GISO, §3664(b)
Tree Work, Maintenance & Removal			GISO, §3421(c)
Welding, Oxygen & Fuel Gas System Operators			GISO, §4799
Wells, Oil & Gas Production Workers			PSO-D&P, §6507
Workplace Violence Prevention in Health Care			GISO, §3342(f)
TRAINING, Safety, per MSO			MSO, §6963
Pre-training Assessment of Skill / Knowledge			MSO, §6963
First-Aid Training			MSO, §6968
Rescue Procedures			MSO, §7085

Surface Operations, Trained Individuals — MSO, §6968(b)
Training Provider Requirements — MSO, §6968(c)
Underground Mining, Trained Individuals — MSO, §6968(a)
Number of Employees Trained
TRAINING, Passenger Tramway Safety, per PTSO
Program Requirements — PTSO, §3155
Submittal to Cal/OSHA — PTSO, §3155(b)
TRAINING, Ship Building, Repairing & Breaking, per SSO — SSO, §8397.13
Asbestos — SSO, §8358(k)(9)
Chromium (VI) — SSO, §8359(j)(2)
Berrylium — SSO, §8359.1(m)(4)
TRAINING, Safety, per TelSO
Animals, Encounters — TelSO, §8603(a)(1)
Certification by Employer — TelSO, §8603(a)
Emergency Situations — TelSO, §8603(a)(2)
First Aid & CPR — TelSO, §8603(a)(3)
High Voltage, Testing /Cable Fault Location — TelSO, §8613(a)
Informing / Warning Before Testing — TelSO, §8613(a)
Job Assignments, related to — TelSO, §8603(a)
Plants, Harmful — TelSO, §8603(a)(1)
Substances, Harmful — TelSO, §8603(a)(1)
Insect Bites — TelSO, §8603(a)(1)
Record — TelSO, §8603(a)
Safe Practices & Precautions — TelSO, §8603(a)
Testing & Cable Fault Location Operations — TelSO, §8613(a)
Traffic Control & Work Area Protection — TelSO, §8603(a)(4)
Work Area Protection & Traffic Control — TelSO, §8603(a)(4)
TRAINING, Safety & Instruction, per TSO — TSO, §8407
First aid — TSO, §8421
TRAMWAYS, **AERIAL** — See under **PASSENGER TRAMWAY SAFETY ORDERS**
TRAMWAYS, AERIAL, per MSO — MSO, §7035
TRANSFER OF FLAMMABLE LIQUIDS, by Air Displacement — PSO-R,T&H, §6780
TRANSFORMERS, High Voltage — ESO-HV, Article 27
Access openings — ESO-HV, §2874(d)
Application / Scope — ESO-HV, §2873
Defined — ESO-HV, §2700
Flooding, protection from — ESO-HV, §2875
General Requirements — ESO-HV, §2874
Grounding Requirements — ESO-HV, §2878
High Fire Point Liquid-Insulated Transformer Installations — ESO-HV, §2875(b)
Dry Type — ESO-HV, §2875(c)
Identification — ESO-HV, §2874(c)
Location Specific Requirements — ESO-HV, §2875
Indoor Installations — ESO-HV, §2875(a)
Outdoor Installations — ESO-HV, §2875(f)
Flooding, Protection from — ESO-HV, §2875(d)
Toxic Gasses, Protection from — ESO-HV, §2875(e)
Nameplate, Identification — ESO-HV, §2874(c)
Oil-insulated transformers, indoor installations — ESO-HV, §2875(b)
Over-current Protection — ESO-HV, §2877
Physical damage, protection from — ESO-HV, §2874(b)
Poles & Structures, Installations on — ESO-HV, §2875(f)
Scope of article — ESO-HV, §2873
Specific Requirements, by Type & Location — ESO-HV, §2875
Switching, Isolating — ESO-HV, §2876
Signs Warning, “HIGH VOLTAGE” — ESO-HV, §2874(e)
Underground Installations — ESO-HV, §2875(f)
Ventilation — ESO-HV, §2874(a)
Warning sign, “HIGH VOLTAGE” — ESO-HV, §2874(e)
TRANSFORMERS & VAULTS, Low Voltage — ESO-LV, Article 57
Application / Scope — ESO-LV, §2533.1
Location, Vaults — ESO-LV, §2533.2
TRANSMISSION LINES, per ESO
TRANSMISSION LINES, per TelSO
Overhead — TelSO, §8615
Approach Distances to High Voltage Lines — TelSO, §8602(h), Table TC-1
Approach Distances to High Voltage Lines, Alternative — TelSO, §8602(h)(1) – (3)
Cable Suspension Strands, Testing — TelSO, §8615(d)
Inspection of Strand — TelSO, §8615(e)
Conductors, Electrical, Considered Energized — TelSO, §8614(a)
Elevated Work Platforms, Fall Protection — TelSO, §8615(f)(1)
Fall Protection — TelSO, §8615(g)
For Elevated Work Platforms — TelSO, §8615(f)(1)
High Voltage Lines
Poles, Handling of Poles Near — TelSO, §8615(i)
Ladder Platforms — TelSO, §8615(f)(2)
Measuring Tapes & Ropes, Metal — TelSO, §8615(j)

	Pole Platforms			TelSO, §8615(f)(3)
	Poles, Handling			TelSO, §8615(i)
	Splicing Platforms			TelSO, §8615(f)(4)
	Suspension Strands, Handling			TelSO, §8615(a)
	Wire Installation			TelSO, §8615(h)
	Wood Poles, Need to Test Listed Poles			TelSO, §8615(b)
		Testing / Inspection Programs		TelSO, §8615(c)
Underground Lines				TelSO, §8616
	Man Holes & Street Openings, Guarding			TelSO, §8616(a)
		Entering Procedure		TelSO, §8616(b)
		Joint Power & Tele-com Man Holes		TelSO, §8616(d)
			First Aid Training	TelSO, §8616(d)
			Attendant Duties	TelSO, §8616(d)
		Flames, Open, in Man Holes		TelSO, §8616(f)
			Procedural Requirements	TelSO, §8616(f)(1), (2)
	Man Hole Platform			TelSO, §8616(c)
TRANSPORTATION, Employees & Materials, per GISO				GISO, Article 27
	Definitions			GISO, §3700
Back-up Alarms / Warning Devices				GISO, §3706
Cab Protection				GISO, §3705
Farm Labor Vehicle, Definition				GISO, §3700
	Licensing of Drivers			GISO, §3701(a)
	Seatbelts Required			GISO, §3702(h)
Farm Worker Transportation				GISO, Article 27
Helicopters, Use of				GISO, §3710
Licensing of Drivers				GISO, §3701
Riding Loads				GISO, §3703
Securing Load				GISO, §3704
Transporting Employees				GISO, §3702
Truck Warning Devices				GISO, §3706
Vehicles, General Requirements				GISO, §3702
TRANSPORTATION, per TSO				TSO, §8473
Construction Personnel Hoist				TSO, §8495(a)(18)
For Medical Emergency, per TSO				TSO, §8420(b)
Personnel Hoist				TSO, §8495(b)
Railroads, Transportation & Haulage				
	Block signals			TSO, §8477
	Car passers and cherry pickers			TSO, §8479
	Dumping locations			TSO, §8480
	Internal combustion engine restrictions			TSO, §8470
	Limited visibility precautions			TSO, §8475
	Locomotives			TSO, §8471
		Light requirements		TSO, §8472
	Refuge stations			TSO, §8482
	Switches			TSO, §8481
		Portable switches		TSO, §8478
	Tracks			TSO, §8476
	Trains			TSO, §8474
	Worker Transport			TSO, §8473
TRANSPORTATION, Logging Operations, per LSSO				LSSO, Article 13
Trailers				LSSO, §6334
Trees & Snags				LSSO, §6259
Truck Driving				LSSO, §6336
	Binding Log Loads			LSSO, §6338
	Inspection of Equipment			LSSO, §6336(a)
	Qualified Truck Driver			LSSO, §6336(a)
	Truck Drivers License			LSSO, §6336(a)
	Wrappers			LSSO, §6337
Truck & Trailer Equipment				LSSO, §6335
Trucks & Trailers				LSSO, §6333
TRANSPORTATION, Materials				GISO, Article 27
	Definitions			GISO, §3700
Back-up Alarms / Warning Devices				GISO, §3706
Cab Protection				GISO, §3705
Heat Illness Prevention, Outdoor				GISO, §3395
Access to Drinking Water				GISO, §3395(c)
	Maintenance of			GISO, §3457(c)(3)
Access to Shade				GISO, §3395(d)
	>80°, Shade Present			GISO, §3395(d)(1)
	≤80°, Shade Available			GISO, §3395(d)(2)
Acclimatization				GISO, §3395(g)
Agricultural Employees High Heat Procedures				GISO, §3395(e)(6)
Agricultural Industry, Subject to Standard				GISO, §3395(a)(2)(A)
Application & Scope				GISO, §3395(a)(2)
Construction Industry, Subject to Standard				GISO, §3395(a)(2)(B)
Definitions				GISO, §3395(b)
Drinking Water, Access to				GISO, §3395(c)

	Maintenance of		GISO, §3457(c)(3)
Emergency Response Procedures			GISO, §3395(f)
Heat Illness Prevention Plan			GISO, §3395(i)
High-Heat Procedure			GISO, §3395(e)
Landscaping Industry, Subject to Standard			GISO, §3395(a)(2)(C)
	Landscaping Defined		GISO, §3395(b)
Oil & Gas Extraction Industry, Subject to Standard			GISO, §3395(a)(2)(D)
Preventative Cool-down Rest Period, Permitted at All Times			GISO, §3395(d)(3)
Provision of First Aid or Emergency Response			GISO, §3395(d)(4)
Temperature Triggers			
	>80°, Shade Requirements		GISO, §3395(d)(1)
	≤80°, Shade Requirements		GISO, §3395(d)(2)
	>95°, High-Heat Procedures		GISO, §3395(e)
Training			GISO, §3395(h)
Transportation of Agri-Products, Construction & other Heavy Materials, Subject to Standard			GISO, §3395(a)(2)(E)
	Exception, Operators in Air-conditioned Vehicles		GISO, §3395(a)(2)(E)
Helicopters, Use of			GISO, §3710
Licensing of Drivers			GISO, §3701
Riding Loads			GISO, §3703
Securing Load			GISO, §3704
Transporting Employees			GISO, §3702
Truck Warning Devices			GISO, §3706
TRANSPORTATION, Oil & Gas, Petroleum, per PSO-R,T&H			
Loading and Unloading Platforms & Operations			PSO-R,T&H, Article 22
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	Overcurrent Protection			SSO, §8397.2(a)(3)
	Safe Condition of Electrical System			SSO, §8397.2(a)(2)
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Grounding of Vessel				SSO, §8397.2(a)(1)
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VEST, LIFE, Life Preservers, Control of Drowning Hazard per CSO				CSO, §1602
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Lifesaving Boats				CSO, §1602(a)(3)
Personal Flotation Devices (PFD)				CSO, §1602(a)(1)
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VEST, LIFE, Life Preservers, per MSO				MSO, §6980(a)
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VINYL CYCLOHEXENE DIOXIDE, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
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VINYL CYCLOHEXENE, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
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W

List of Acronyms

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WALKING BEAMS, Access to			PSO-D&P, §6632
WALKING SURFACE,			

Depressions, Debris, Obstructions, Prohibited — GISO, §3273(b)
Glazed Surfaces used as — GISO, §3212(f)
Obstructions, Oil & Grease, Projections, Water, Prohibited — GISO, §3273(a)
Pallets used as — GISO, §3338
Sky Lights used as — GISO, §3212(f)
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Construction Sites, Subject to CSO — CSO, §1603
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Catwalks at Wells — PSO-D&P, §6572
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Tunnel Safety Orders — TSO, §8411
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WALL OPENINGS, Guarding of — GISO, §3211
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" " — See also **WARNING SIGNS** and under **SIGNALS**
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Cotton gins, warning devices — GISO, §4644
Cranes warning devices — GISO, §4889
Boom-type mobile cranes — GISO, §4936
Excavation mobile Equipment, Warning System — CSO, §1541(f)
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Logging, Before felling trees — LSSO, §6280
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Actinolite, Non-Asbestiform — GISO, §5208.1(h)
Agricultural Equipment
PTO & Power Transition Components — GISO, §3440(c)(3)
Anhydrous ammonia tanks — UFPV, §502
Anthophylite, Non-Asbestiform — GISO, §5208.1(h)
Arsenic, Inorganic, Warning Signs & Labels — GISO, §5214(l)
Asbestos Warning signs near regulated areas
Construction Operations — CSO, §1529(k)(7)
General industry Requirements — GISO, §5208(j)(3)
Shipyard Operations — SSO, §8358(k)(7)
Automatic Starting Machines — GISO, §3320
Avalanche Blasting, Misfired Explosives Warning signs — GISO, §5358(j)
Benzene — GISO, §5218(j)(1)
Cadmium
Construction Operations — CSO, §1532(m)(2)
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Carcinogens GISO, §5209(e)(1)
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Cotton gins GISO, §3644
Cranes, danger of high-voltage overhead lines ESO-HV, §2947
Derricks, danger of high-voltage overhead lines ESO-HV, §2947
Drilling rigs, danger of high-voltage overhead lines ESO-HV, §2947
Enclosure Containing Exposed Energized Parts, Access Doors & Gates ESO-HV, §2811
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Hay loaders, danger of high-voltage overhead lines ESO-HV, §2947
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" " " " See Also **ELECTRICAL GROUNDING**
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		Waste disposal Bags, Specification	CSO, §1529(g)(5)(D)
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	Flammable/Combustible liquids, Sewer Disposal Prohibited		GISO, §5623
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	Floating Cranes/Derrick operations, During	GISO, §4944
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	Removal from Service when Damaged	GISO, §3389(c)
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	Exception, w/ Fall Protection Measures	CSO, §1602(a)
	Life lines, Tag lines	CSO, §1602(a)(3)
	Lifesaving Boats	CSO, §1602(a)(3)
	Personal Flotation Devices (PFD)	CSO, §1602(a)(1)
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Tunneling Operations, per TSO		TSO, §8427
WATER SPRAY, Fixed Extinguishing Systems		GISO, §6182
WATER TEMPERATURE, Restrooms		GISO, §3366(d)(2)
WATTAGE, marking to indicate rating		ESO-LV, §2340.21
WEAR, Parts Subject to, per MSO		MSO, §7011
WEATHER CONDITIONS, per ESO		
Protecting Equipment from, per ESO		ESO-HV, §2712
Protecting Workers from, per ESO		ESO-HV, §2940.3
WEATHER CONDITIONS, per LSSO		
Logging Operations, Hazardous Weather Conditions		LSSO, §6253
WEATHER CONDITIONS, per TelSO		
Inclement Weather, Work Stoppage		TelSO, §8602(i)
WEATHER, Heat Illness Prevention, Outdoor		GISO, §3395
Access to Drinking Water		GISO, §3395(c)
	Maintenance of	GISO, §3457(c)(3)
Access to Shade		GISO, §3395(d)
	>85°, Shade Requirements	GISO, §3395(d)(1)
	≤85°, Shade Requirements	GISO, §3395(d)(2)
Agricultural Industry, Subject to Standard		GISO, §3395(a)(2)(A)
Application & Scope		GISO, §3395(a)(2)
Construction Industry, Subject to Standard		GISO, §3395(a)(2)(B)
Cool-down Rest Period, Permitted at all Times		GISO, §3395(d)(3)
Definitions		GISO, §3395(b)
Drinking Water, Access to		GISO, §3395(c)
	Maintenance of	GISO, §3457(c)(3)
High-Heat Procedure		GISO, §3395(e)
Landscaping Industry, Subject to Standard		GISO, §3395(a)(2)(C)
	Landscaping Defined	GISO, §3395(b)
Oil & Gas Extraction Industry, Subject to Standard		GISO, §3395(a)(2)(D)
Rest Period, Cool-down, Permitted at all Times		GISO, §3395(d)(3)
Temperature Triggers		
	>85°, Shade Requirements	GISO, §3395(d)(1)
	≤85°, Shade Requirements	GISO, §3395(d)(2)
	95°, High-Heat Procedure	GISO, §3395(e)
Training		GISO, §3395(f)
Transportation of Agri-Products, Construction & other Heavy Materials, Subject to Standard		GISO, §3395(a)(2)(E)
	Exception, Operators in Air-conditioned Vehicles	GISO, §3395(a)(2)(E)
WEAVING OPERATIONS, Exposure to Cotton dust		GISO, §5190
WEDGES, Used to Disable Saw Guarding Prohibited		GISO, §4307(c)
WEED BURNER, Pressure Hoses		CSO, §1697
WEIGHTS & MEASUREMENTS		CSO, §1938, Appx B, Plate B-3
WEIGHTS OF METALS		CSO, §1938, Appx B, Plate B-4
WELDERS, Electrical		
Disconnecting Means		
	Arc Welders	ESO-LV, §2563.23
	Resistance Welders	ESO-LV, §2563.33
Over-current Protection		ESO-LV, §2563.22
WELDERS' PLATFORM CAGE, Illustration		CSO, §1938, Appx B, Plate B-27-a
WELDING		
Arc Welding Cutting & Heating		See **WELDING**, **ARC**, & Cutting & Heating
Acetylene, Generators		See **WELDING, ACETYLENE GENERATOR SYSTEMS**
Acetylene piping		GISO, §4823
	Gas Systems Piping for Welding & Cutting	GISO, §4821
	Hydraulic Back-Pressure Valves	GISO, §4828
	Installation of Service Piping	GISO, §4825
	Painting & Signs	GISO, §4827
	Piping Joints	GISO, §4824
	Signs & Painting	GISO, §4827
	Testing of piping Systems	GISO, §4826
Automatic Reducing Valves, Pressure Regulators		GISO, §4838
Backflow Protector (Gas Welding)		GISO, §4845(b)
Booster pumps, Compressors		GISO, §4840
Calcium carbide		

	Opening containers	GISO, §4818
	Storage	GISO, §4819
Compressor pumps.		GISO, §4840
Confined Space, Welding in		GISO, §4851(c)
Definitions		GISO, §4795
Fire prevention and suppression procedures		GISO, §4848
Fuel gas manifolds		GISO, §4835
Fumes Exposure limits		GISO, §5155, & Appx A
	Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
Gas systems		See **WELDING & CUTTING, GAS SYSTEMS**
Generators, Acetylene		See **WELDING, ACETYLENE GENERATOR SYSTEMS**
Hose Requirements, General		GISO, §4839
Hose Requirements, Shipyard Operations		SSO, §8394
Inert-Gas Shielded Metal Arc-Welding, General Industry		GISO, §4853
” ” ” ” ” ” ” ”		See also **WELDING**, **ARC**, & Cutting & Heating
” ” ” ” ” ” ” ”		See also **WELDING & CUTTING**, Gas Systems
” ” ” ” ” ” ” ”		See Also **WELDING**, Electric Welding, Cutting & Heating
Inert Gas Shielded Metal Arc-Welding, Shipyard Operations		SSO, §8357
Liquid oxygen, Containers, Locations		GISO, §4837
Longshoring Prohibition, Injurious Exposures to Welding Operations		GISO, §3470(a)(2)
Manifolding of Cylinders to Headers, Gas Welding Systems		GISO, Article 86
	Fuel Gas Manifolds	GISO, §4835
	Hose	GISO, §4839
	Liquid Oxygen	GISO, §4837
	Manifolds, General Requirements	GISO, §4834
	Oxygen Manifolds	GISO, §4836
	Pressure Regulating	GISO, §4838
Manifolds & Hose Connection Requirements, Shipyard Operations		SSO, §8393
Oil & Gas Well Operations, Welding		PSO-D&P, §6536(d)
Operating procedures		GISO, §4845
Oxygen manifolds		GISO, §4836
Oxygen piping		GISO, §4822
Personal protective equipment		GISO, §5150
Pipelines & Equipment, Welding, Hot Work Method		PSO-D&P, §6536(d)
Piping		
	Acetylene piping	GISO, §4823
	Construction	GISO, §4821
	Hydraulic back-pressure valves	GISO, §4828
	Installation	GISO, §4825
	Joints	GISO, §4824
	Materials and design	GISO, §4821
	Oxygen piping	GISO, §4822
	Painting	GISO, §4827
	Shutoff valves signs to indicate	GISO, §4827
	Signs to indicate shutoff valves	GISO, §4827
	Standards compliance	GISO, §4821
	Testing	GISO, §4826
Precautions		GISO, §4845
Pressure Regulating, Automatic Reducing Valves		GISO, §4838
Protective Boots & Shoes, Wet & High Humidity		GISO, §4851(m)
Screens, Welding		GISO, §4851(a)
Service Piping, for All Gasses		GISO, Article 85
	Acetylene Piping	GISO, §4823
	Gas Systems Piping for Welding & Cutting	GISO, §4821
	Hydraulic Back-Pressure Valves	GISO, §4828
	Installation of Service Piping	GISO, §4825
	Oxygen Piping	GISO, §4822
	Painting & Signs	GISO, §4827
	Piping Joints	GISO, §4824
	Signs & Painting	GISO, §4827
	Testing of piping Systems	GISO, §4826
Shipyard Operations		See also **WELDING, BRAZING & CUTTING**, per SSO
	Inert Gas Shielded Arc-Welding	SSO, §8357
Tunneling Operations, Welding, Cutting & Other Hot Work		TSO, §8445(g), (j), (k)
Tunneling Operations, Welding, Cutting & Other Hot Work		TSO, §8445(g), (j), (k)
Ventilation, Welding, Mechanical systems for Brazing & Cutting		GISO, §5150
	Hazard communication	GISO, §5150(f)
” ”	Construction Operations, per CSO	CSO, §1536
Welding Screens, Arc Welding		GISO, §4851(a)
WELDING, ACETYLENE GENERATOR SYSTEMS		See also **WELDING & CUTTING SYSTEMS**, Gas
Approval		GISO, §4797(a)
Auxiliary apparatus		GISO, §4797(b)
Calcium Carbide		
	Storage	GISO, §4818
	Opening of containers	GISO, §4819
General Requirements		
	Construction of Generators	GISO, §4803

	Marking / Labeling		GISO, §4797
	Rating & Pressure Limits of		GISO, §4798
	Training, Instructions, Operator		GISO, §4799
Hose piping			CSO, §1743(d)
Installation			GISO, §4797(c)
Operator training			GISO, §4799
Permanent Stationary Acetylene Generators			
	Drain Connections		GISO, §4810
	Exits for Houses / Compartments		GISO, §4806
	Freeze Protection for Generators		GISO, §4808
	Gas Holders		GISO, §4813
	Generator Escape or Relief Pipes		GISO, §4811
	Housing of Generators		GISO, §4803
		Houses, Outside	GISO, §4804
		Inside Rooms / Compartments	GISO, §4805
	Maintenance of		GISO, §4812
	Operation Requirements of		GISO, §4812
	Outside Houses / Compartments		GISO, §4804
	Ventilation in Houses / Compartments		GISO, §4807
	Water Supply Connections		GISO, §4809
Portable Acetylene Generators			
	General Requirements		GISO, §4815
	Operation & Maintenance Requirements		GISO, §4816
Pressure limitations			GISO, §4799
Prohibited practices			
	Air mixing		CSO, §1743(a)
	Contact w/ oil, grease		CSO, §1743(c)
	Contact w/ unalloyed copper		CSO, §1743(f)
Welding operations			See **WELDING & CUTTING, GAS SYSTEMS**
WELDING, ACETYLENE, OXYGEN, & FUEL GAS			
Backflow Protector, Welding			GISO, §4845(b)
Connections & Hoses			CSO, §1742
	Manifold		CSO, §1742(e)
Cylinders			GISO, §4650(d)
”	”		CSO, §1743
	Electrical circuits, Prohibition		CSO, §1740(e)
	Construction of		GISO, §4649(a), (b), (c)
	Hoisting of		CSO, §1740(d)
	Leaking of		CSO, §1740(m)
	Marking of		GISO, §4649(d)
	Protection		CSO, §1740(c), (h), (i), (j)
		Valve	GISO, §4650(c)
	Prohibitions		CSO, §1743(h)
	Storage		CSO, §1740(b), (g)
	Transport/Handling		CSO, §1740(c)
Exposure limits, Airborne Contaminant, Exposure limit			GISO, §5155, & Appx A
	Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
General Precautions			CSO, §1743
Hose & Connections			CSO, §1742
Manifold			CSO, §1742(e)
Maximum Pressure			CSO, §1743(b)
Pressure Regulators			CSO, §1741
Storage & Use of Cylinders			CSO, §1740
Transfer prohibited			CSO, §1740(f)
Unalloyed copper contact with			CSO, §1743(f)
Use of Cylinders			CSO, §1740
WELDING, **ARC**, & Cutting & Heating			GISO, Article 90
	Application		GISO, §4850
Arc Welding Cutting & Heating			GISO, §4851
Arc Welding, Inert-Gas Metal			GISO, §4853
Equipment, Welding, Disconnecting means			ESO-I.V, §2563.23
Fumes, Air Contaminants, Exposure limits			GISO, §5155, & Appx A
	Listed, Permissible Exposure Limits		GISO, §5155, Table AC-1
Inert-Gas Shielded Metal Arc-Welding, General Industry			GISO, §4853
” ” ” ” ” ” ” ”			See also **WELDING & CUTTING**, Gas Systems
” ” ” ” ” ” ” ”			See Also **WELDING**, Electric Welding, Cutting & Heating
Inert Gas Shielded Metal Arc-Welding, Shipyard Operations			SSO, §8357
Installation of Equipment			GISO, §4850(b)
Maintenance			GISO, §4850(b)
Protective Equipment			GISO, §4851(a), (m)
Resistance Welding			GISO, §4852
Ventilation & Personal Protection			GISO, §5150
	Chlorinated Hydrocarbons		GISO, §5150(e)
	Hazard commmunication		GISO, §5150(f)
	Improper Use of Welding Gases		GISO, §5150(d)
	Labeling, Precautionary		GISO, §5150(e)
	Mechanical Ventilation, Indoors		GISO, §5150(a)

Toxic Substances Used in Enclosed Spaces	GISO, §5150(b)
Toxic Substances Used in Open Air	GISO, §5150(c)
Work Site Requirements	GISO, §4851
WELDING, BRAZING, & CUTTING, per CSO	
Coated metals. flammability precautions	CSO, §1537
Fumes, Air Contaminants, Exposure limits	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
Mechanical Ventilation for Indoor Operations	CSO, §1536
Respiratory Protection Alternative	CSO, §1536(a)(2)
Prohibited practices	
Air mixing	CSO, §1743(a)
Contact w/ oil, grease	CSO, §1743(c)
Contact w/ unalloyed copper	CSO, §1743(f)
Toxic Substances in Enclosed Spaces	CSO, §1536(b)
Local Exhaust Required	CSO, §1536(b)(1)
Supplied Air Respirator as Alternative	CSO, §1536(b)(2)
Toxic Substances in Open Air	CSO, §1536(c)
Respiratory Protection per	CSO, §1536(c)(1), (2)
Improper Use of Welding Gases	CSO, §1536(d)
Chlorinated Hydrocarbons	CSO, §1536(e)
Labeling, Precautionary	CSO, §1536(f)
Ventilation, Mechanical Systems	CSO, §1536
Welding, Cutting, & Heating, Of Coated Metals	CSO, §1537
WELDING, BRAZING & CUTTING, per GISO	
Fumes, Air Contaminants, Exposure limits	GISO, §5155, & Appx A
Listed, Permissible Exposure Limits	GISO, §5155, Table AC-1
Ventilation & Personal Protection	GISO, §5150
Chlorinated Hydrocarbons	GISO, §5150(e)
Hazard communication	GISO, §5150(f)
Improper Use of Welding Gases	GISO, §5150(d)
Labeling, Precautionary	GISO, §5150(e)
Mechanical Ventilation, Indoors	GISO, §5150(a)
Toxic Substances Used in Enclosed Spaces	GISO, §5150(b)
Toxic Substances Used in Open Air	GISO, §5150(c)
WELDING, BRAZING & CUTTING, per SSO	SSO, Article 7
Fuel Gas Cylinders	SSO, §8395
Hose	SSO, §8394
Hose Connection Requirements	SSO, §8393
Manifolds & Hose Connection Requirements	SSO, §8393
Welding, Cutting & Heating, Other Provisions in GISO	SSO, §8392
WELDING & CUTTING, GAS SYSTEMS	GISO, Group 10
Application / Purpose	GISO, §4794
Definitions	GISO, §4795
Acetylene Generator Systems	
Approval	GISO, §4797(a)
Auxiliary apparatus	GISO, §4797(b)
Calcium Carbide	
Storage	GISO, §4818
Opening of containers	GISO, §4819
General Requirements	
Construction of Generators	GISO, §4803
Marking / Labeling	GISO, §4797
Rating & Pressure Limits of	GISO, §4798
Training, Instructions, Operator	GISO, §4799
Hose piping	CSO, §1743(d)
Installation	GISO, §4797(c)
Operator training	GISO, §4799
Permanent Stationary Acetylene Generators	
Drain Connections	GISO, §4810
Exits for Houses / Compartments	GISO, §4806
Freeze Protection for Generators	GISO, §4808
Gas Holders	GISO, §4813
Generator Escape or Relief Pipes	GISO, §4811
Housing of Generators	GISO, §4803
Houses, Outside	GISO, §4804
Inside Rooms / Compartments	GISO, §4805
Maintenance of	GISO, §4812
Operation Requirements of	GISO, §4812
Outside Houses / Compartments	GISO, §4804
Ventilation in Houses / Compartments	GISO, §4807
Water Supply Connections	GISO, §4809
Portable Acetylene Generators	
General Requirements	GISO, §4815
Operation & Maintenance Requirements	GISO, §4816
Pressure limitations	GISO, §4799
Approval Requirements	GISO, §4797
Calcium Carbide	GISO, Article 84

	Opening Containers of		GISO, §4819
	Storage		GISO, §4818
Carbide Feed Generators			See Acetylene Generator Systems under **WELDING & CUTTING**, Gas Systems
Compressor or Booster Pumps			GISO, §4840
Cylinders, Gas			See **CYLINDERS**
Fire Prevention & Suppression Procedure			GISO, §4848
Manifolding of Cylinders to Headers			GISO, Article 86
	Fuel Gas Manifolds		GISO, §4835
	Hose		GISO, §4839
	Liquid Oxygen		GISO, §4837
	Manifolds, General Requirements		GISO, §4834
	Oxygen Manifolds		GISO, §4836
	Pressure Regulating		GISO, §4838
Marking / Labeling			GISO, §4797
Operating Procedures for Gas Welding			GISO, §4845
Personal Protection & Ventilation			GISO, §5150
	Chlorinated Hydrocarbons		GISO, §5150(e)
	Improper Use of Welding Gases		GISO, §5150(d)
	Labeling, Precautionary		GISO, §5150(e)
	Mechanical Ventilation, Indoors		GISO, §5150(a)
	Toxic Substances Used in Enclosed Spaces		GISO, §5150(b)
	Toxic Substances Used in Open Air		GISO, §5150(c)
Piping for All Gasses			See Service **PIPES, PIPE LINES**
Precautions for Gas Welding			GISO, §4845
Service Piping for All Gasses			GISO, Article 85
	Acetylene Piping		GISO, §4823
	Gas Systems Piping for Welding & Cutting		GISO, §4821
	Hydraulic Back-Pressure Valves		GISO, §4828
	Installation of Service Piping		GISO, §4825
	Oxygen Piping		GISO, §4822
	Painting & Signs		GISO, §4827
	Piping Joints		GISO, §4824
	Signs & Painting		GISO, §4827
	Testing of piping Systems		GISO, §4826
Ventilation & Personal Protection			GISO, §5150
	Chlorinated Hydrocarbons		GISO, §5150(e)
	Hazard communication		GISO, §5150(f)
	Improper Use of Welding Gases		GISO, §5150(d)
	Labeling, Precautionary		GISO, §5150(e)
	Mechanical Ventilation, Indoors		GISO, §5150(a)
	Toxic Substances Used in Enclosed Spaces		GISO, §5150(b)
	Toxic Substances Used in Open Air		GISO, §5150(c)
WELDING, Electric Welding, Cutting & Heating			GISO, Article 90
	Application		GISO, §4850
Arc Welding Cutting & Heating			GISO, §4851
Arc Welding, Inert-Gas Metal			GISO, §4853
Inert-Gas Metal Arc Welding			GISO, §4853
Installation of Equipment			GISO, §4850(b)
Maintenance			GISO, §4850(b)
Resistance Welding			GISO, §4852
Ventilation & Personal Protection			GISO, §5150
	Chlorinated Hydrocarbons		GISO, §5150(e)
	Hazard communication		GISO, §5150(f)
	Improper Use of Welding Gases		GISO, §5150(d)
	Labeling, Precautionary		GISO, §5150(e)
	Mechanical Ventilation, Indoors		GISO, §5150(a)
	Toxic Substances Used in Enclosed Spaces		GISO, §5150(b)
	Toxic Substances Used in Open Air		GISO, §5150(c)
WELDING, Hot Work Procedures & Permits			PSO-R,T&H, §6777
WELDING, of Elevators			ElevSO, §3121.13
WELDING, Resistance welding			GISO, §4852
Disconnecting means of			ESO-LV, §2563.33
WELFARE & LOCATION CHECKS, Logging Operations			LSSO, §6258
WELLS, GAS & OIL, Drilling & Production			
Change Rooms			
	Permanent Change Rooms, per Article 9, GISO		PSO-D&P, §6514(a)
		Clean, Orderly, Sanitary Condition	PSO-D&P, §6514(b)
		Location of	PSO-D&P, §6514(c)
		Shower Facilities, Number of	PSO-D&P, §6514(a)
	Well Drilling & Servicing Operations		PSO-D&P, §6515
		Clean, Orderly, Sanitary Condition	PSO-D&P, §6515(b)
		Lighting, Heating & Ventilation	PSO-D&P, §6515(b)
		Location of	PSO-D&P, §6515(a)
Clothing, wearing of, per Article 10, GISO			PSO-D&P, §6513
Drilling Operation			
	Fall Protection Requirements, Derrick / Mast Work		PSO-D&P, §6580
	Tools, Handling Heavy Tools at Drilling Wells		PSO-D&P, §6607

Electrical Equipment & Wiring per Electrical Safety Orders	PSO-D&P, §6527
Emergency Medical Services	PSO-D&P, §6512
Emergency Stop Device, Drilling Equipment	PSO-D&P, §6625
Equipment & Pipe Lines	
Blinding or Isolating of Equipment & Pipe Lines	PSO-D&P, §6536
Blinding Design	PSO-D&P, §6536(b)
Open or Closed Indicators	PSO-D&P, §6536(e)
Employee Protection by	PSO-D&P, §6536(a)
Ventilation Requirements	PSO-D&P, §6536(c)
Welding, Hot Work Method	PSO-D&P, §6536(d)
Opening of Equipment & Pipe Lines	PSO-D&P, §6535
Emptying of Content	PSO-D&P, §6535(b)
Ignition Source, Elimination of	PSO-D&P, §6535(c)
Relieve of Pressure	PSO-D&P, §6535(a)
Equipment & Tools, Miscellaneous	PSO-D&P, §6646
Fall Protection Requirements	See **FALL PROTECTION REQUIREMENTS**, per PSO-D&P
Flammable Gases Or Vapors, Hazardous Areas	See **FLAMMABLE GASES OR VAPORS**, Hazardous Areas
Flammable Waste Gasses & Vapor	See **FLAMMABLE WASTE GASSES & VAPOR**
Flywheel Guarding, Prime Movers	PSO-D&P, §6682
Fire Prevention	
Cleaning oil restrictions	PSO-D&P, §6520
Drainage control	PSO-D&P, §6538
Fired equipment location	PSO-D&P, §6526
Fire fighting equipment	PSO-D&P, §6519
Flammable and combustible liquid transfer by air displacement	PSO-D&P, §6525
Flammable waste Gases and Vapors	PSO-D&P, §6524
Hazardous area testing	PSO-D&P, §6521
Pipe lines	
Blinding procedures	PSO-D&P, §6536
Opening procedures	PSO-D&P, §6535
Smoking restrictions	PSO-D&P, §6518
Spontaneous ignition precautions	PSO-D&P, §6522
Static electricity	PSO-D&P, §6523
Fittings, Pipe Lines & Valves	PSO-D&P, §6533
Drill Pipe & Well Casing / Tubing Excluded	PSO-D&P, §6533(a)
General Requirements	PSO-D&P, §6533(a)
Inspection Requirements	PSO-D&P, §6533(b)
Pressure Relieve Devices & Valves	PSO-D&P, §6533(c)
Hazardous Areas	PSO-D&P, §6521
Control of Sources of Ignition	PSO-D&P, §6521(a)
Flammable Waste Gasses & Vapor, Hazard Control	PSO-D&P, §6524
Burning, Controlled	PSO-D&P, §6524(a)
Control Hazards Associated with	PSO-D&P, §6524(a)
Flares, use of	PSO-D&P, §6524(a), (c)
Employees Entry Restriction	PSO-D&P, §6524(b)
Remote Ignition, Controlled	PSO-D&P, §6524(b)
Remote Ignition, Failure	PSO-D&P, §6524(e)
Release of Gasses & Vapor Prevention	PSO-D&P, §6524(d)
Remote Ignition, Controlled	PSO-D&P, §6524(b)
Testing for Releases before Employees Entry	PSO-D&P, §6524(e)
Ignition Sources	
Control of	PSO-D&P, §6521(a)
Prohibited, in Flammable Vapor / Gas	PSO-D&P, §6521(b)
Spontaneous Ignition	PSO-D&P, §6522
Iron Sulfide Management	PSO-D&P, §6522(a)
Steel Wool, use with Lime	PSO-D&P, §6522(b)
Static Electricity, Control of	PSO-D&P, §6523(a)
Grounding of Steel Derricks & Masts	PSO-D&P, §6523(b)
Testing of Gas & Vapor	PSO-D&P, §6531
Transfer of Flammable / Combustible Liquids	
Compressed Air, Use Prohibited for Tanks	PSO-D&P, §6525(a)
Exceptions listed	PSO-D&P, §6525(a)
Well Safety	
Electrical Equipment	PSO-D&P, §6527
Fired Equipment Restriction near Wells	PSO-D&P, §6526(a)
Safety Provisions & Precautions	PSO-D&P, §6655
Housekeeping of Oil Storage Facilities	PSO-D&P, §6539
Identification of Wells	PSO-D&P, §6556
Injury & Illness Prevention Program per §3203, GISO	PSO-D&P, §6507
Safety Provisions & Precautions	PSO-D&P, §6655
Inspection Program, Pressure Vessels & Boilers	PSO-D&P, §6551(c)
Liquids, Loading & Unloading Operations	PSO-D&P, §6651
Loading & Unloading Platforms	PSO-D&P, §6652
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		Drill Pipe & Well Casing / Tubing Excluded	PSO-D&P, §6533(a)
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		Pressure Relieve Devices & Valves	PSO-D&P, §6533(c)
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		Chain Used for Spinning Lines	PSO-D&P, §6645
		Lines Used on Catheads	PSO-D&P, §6644
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	Weight Indicators for Wire Rope Hoisting Lines		PSO-D&P, §6690
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	Electrical Accessories for ICE			PSO-D&P, §6684(f), (g)
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	Exhaust System Maintenance			PSO-D&P, §6684(a)
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		For Compressors, Air or Gas		PSO-D&P, §6554
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X

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Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
XYLENE DIAMINE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
XYLIDINE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1

Y

List of Acronyms

YARD SURFACE OPENINGS, Guarding of — GISO, §3213
YARDING, Swinging & Loading — LSSO, Article 12
Hooks — LSSO, §6330
Landings Areas — LSSO, §6329(a)-(k)
Landings & Loading Areas — LSSO, §6329
Loading Areas — LSSO, §6329(*l*)
Log Decks (Wood & Millyards) — LSSO, §6332
Logs decked below the road — LSSO, §6329(d)(3)
Straps — LSSO, §6330
Tongs, Hooks & Straps — LSSO, §6330
Yarding & Swinging — LSSO, §6328
Tongs, Hooks & Straps — LSSO, §6330
YARN MANUFACTURING OPERATIONS, Exposure to Cotton dust — GISO, §5190
YTTRIUM COMPOUNDS, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1

Z

List of Acronyms

ZINC CHLORIDE FUME, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
ZINC CHROMATE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
ZINC CHROMATE HYDROXIDE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
ZINC OXIDE FUME, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
ZINC POTASSIUM CHROMATE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
ZINC STEARATE, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
ZINC YELLOW, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
ZIRCONIUM, Combustible Metals — GISO, §5175
ZIRCONIUM COMPOUNDS, Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
ZOALENE (Dinitolmide)
Airborne Contaminant, Exposure limit — GISO, §5155, & Appx A
Listed, Permissible Exposure Limits — GISO, §5155, Table AC-1
ZOONOTIC DISEASES, AEROSOL TRANSMISSIBLE — GISO, §5199.1
Application, Scope & Definitions — GISO, §5199.1(a)
ATP (Aerosol transmissible pathogen) — GISO, §5199.1(a)(4)
Disease control procedures
Work Operations involving ATP infected Animal — GISO, §5199.1(d)
Wildlife, Exposure to potentially infectious wildlife — GISO, §5199.1(b)
Quarantine order, Operations, due to an ATP infection — GISO, §5199.1(c)
Employee Safeguards, at no cost to employee — GISO, §5199.1(a)(3)
Medical Services — GISO, §5199.1(d)(8)
Exams, Evaluations — GISO, §5199.1(d)(8)(A), (B), (C), (E)
Vaccinations — GISO, §5199.1(d)(8)(D)
Record keeping — GISO, §5199.1(e)

Respiratory Protection			GISO, §5199.1(d)(4)
	Quarantine order, due to an ATP infection, during Operations Involving		GISO, §5199.1(c)(2)(C)
	Toxic or Asphyxiant Gases, protection per GISO,	§5144(g)	GISO, §5199.1(c)(2)(C)
	Wildlife, Exposures, Use of N95 Respirator or Better		GISO, §5199.1(b)(3)
	Work Operations involving ATP infected Animal		GISO, §5199.1(d)(4)
	Written Procedure		GISO, §5199.1(d)(1)(C)(4)
Training			GISO, §5199.1(d)(9)
Quarantine order, due to an ATP infection, Disease control procedures			GISO, §5199.1(c)
Vaccinations, Medical Services			GISO, §5199.1(d)(8)
Wildlife, Exposure to potentially infectious wildlife			GISO, §5199.1(b)