

Consolidated Cranes and Derricks Standards

Recent rulemaking has consolidated existing Construction Safety Order (CSO) standards for cranes and derricks in construction (Article 15) into the General Industry Safety Orders (GISO) standards for cranes and other hoisting equipment (Group 13).

The consolidation became effective July 26, 2022 and maintains conformity with corresponding federal standards, except in some cases the California standards are more protective than the federal standards.

This consolidation was requested by management, labor and interested parties in the crane industry to eliminate overlapping and conflicting standards.

New paragraphs were also added to the Electrical Safety Orders Section 2946(e) and (f). The following table summarizes the other standards that have been repealed, amended or created:



Construction Safety Orders

General Industry Safety Orders

	Construction Safety Orders	General Industry Safety Orders
Amended	<ul style="list-style-type: none"> • 1600 sheet pile access (g) • 1694 side boom cranes (b) and (c) 	<ul style="list-style-type: none"> • 3207 definition of “Qualified Person, Attendant or Operator” • 4884 standards incorporated by reference • 4885 definitions • 4924 load safety devices (c) and (d) • 4949 boom hoist and supporting mechanism (e) and (f) • 4960 construction (a), (b), (c), (d), (e), and (f)
Created	<ul style="list-style-type: none"> • 1504 definition “dedicated pile driver” • 1600(u) dedicated pile drivers • 1610 general requirements 	<ul style="list-style-type: none"> • 3207 definition “competent person” • 4880 scope • 4881 general • 4883 lift capacity 2000 lbs. or less • 4884.1 equipment modifications – mobile/tower cranes • 4885 definitions • 4928.1 free fall and controlled load lowering • 4959 operation procedures

Construction Safety Orders

Repealed	<ul style="list-style-type: none"> • 1610.1 scope • 1610.2 design standards • 1610.3 definitions • 1610.4 design, construction, testing • 1610.5 ground conditions • 1610.6 equipment modifications • 1610.7 fall protection • 1610.8 lift capacity 2000 lbs. or less • 1610.9 equipment > 3 tons • 1611 assembly/disassembly 1611.1 through 1611.5 • 1612 power line safety 1612.1 through 1612.4 	<ul style="list-style-type: none"> • 1613 Inspections 1613.1 through 1613.12 • 1614 wire rope • 1615 safety devices 1615.1 through 1615.3 • 1616 operations 1616.1 through 1616.7 • 1617 signals 1617.1 through 1617.3 • 1618 qualification/training 1618.1 through 1618.4 • 1619 supplemental requirements 1619.1 1619.5
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This fact sheet only provides an overview of the changes to the Cal/OSHA crane and derrick regulations. Employers are cautioned to refer directly to Title 8 California Code of Regulations (T8CCR) for detailed information applicable to their operations.

Resources

Cal/OSHA

- **Title 8 California Code of Regulations**
 - Electrical Safety Orders, **Section 2946**
Provisions for Preventing Accidents Due to Proximity to Overhead Lines
 - Construction Safety Orders, **Article 15** Cranes and Derricks in Construction
 - General Industry Safety Orders, **Group 13**
Cranes and Other Hoisting Equipment
- **Publications**



This document is available with active links at www.dir.ca.gov/dosh/puborder.asp
 For assistance regarding this subject matter, employers may contact
 Cal/OSHA Consultation Services at 1-800-963-9424 or InfoCons@dir.ca.gov
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