

DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF LABOR STATISTICS & RESEARCH
455 Golden Gate Avenue, 9th Floor
San Francisco, CA 94102

ADDRESS REPLY TO:

San Francisco P.O. Box 420603
CA 94142-0603



SCOPE OF WORK PROVISION

FOR

**OPERATING ENGINEER,
CRANES, PILE DRIVING AND HOISTING EQUIPMENT
(OPERATING ENGINEER),
TUNNEL (OPERATING ENGINEER),
FIELD SOILS AND MATERIAL TESTER,
AND
BUILDING/CONSTRUCTION INSPECTOR**

IN

SAN DIEGO COUNTY

DEPARTMENT OF INDUSTRIAL RELATIONS

Office of the Director
455 Golden Gate Avenue, 10th Floor
San Francisco, CA 94102
Tel: (415) 703-5050 Fax: (415) 703-5059/8

MAILING ADDRESS:
P. O. Box 420603
San Francisco, CA 94142-0603



August 22, 2005

**IMPORTANT NOTICE TO AWARDING BODIES AND OTHER INTERESTED
PARTIES REGARDING CHANGES TO
THE DIRECTOR'S GENERAL PREVAILING WAGE DETERMINATIONS**

The classifications of work listed below, as identified in the Master Labor Agreement between the Associated General Contractors of America San Diego Chapter, Inc. and International Union of Operating Engineers Local No. 12, were not published or recognized by the Department of Industrial Relations in the August 22, 2005 issuance of the San Diego Operating Engineers' general determination, SD-23-63-3-2005-1. The rates associated with these unrecognized classifications **SHALL NOT** be applied or used on public works projects for the associated type of work.

San Diego County – Determination SD-23-63-3-2005-1

Boring System Electronic Tracking Locator (Group 4)
Horizontal Directional Drilling Machine (Group 4)

For public works projects advertised on or after September 1, 2005, the prevailing rate of pay for horizontal directional drilling work in San Diego County is that of the Horizontal Directional Drilling craft and is published in the following wage determination:

Southern California¹ Counties (including San Diego) – Determination SC-23-102-1184-2005-1

¹ The Southern California Counties include Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura.



INTERNATIONAL UNION OF
OPERATING ENGINEERS

WM. C. WAGGONER
Business Manager
and
General Vice-President

July 27, 2004

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

**ASSOCIATED GENERAL CONTRACTORS OF AMERICA
SAN DIEGO CHAPTER, INC.**

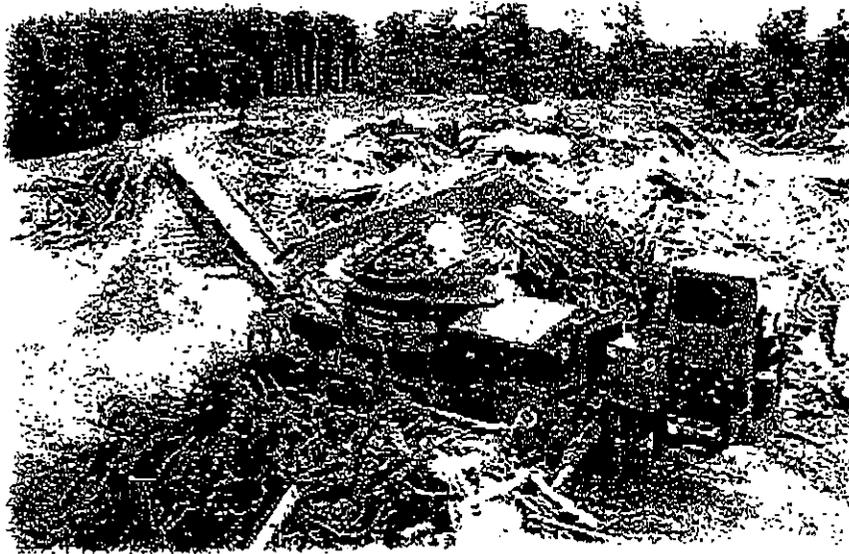
RE: SAN DIEGO MASTER LABOR AGREEMENT/2004-2007

MEMORANDUM

INTERNATIONAL UNION OF OPERATING ENGINEERS, LOCAL UNION NO. 12

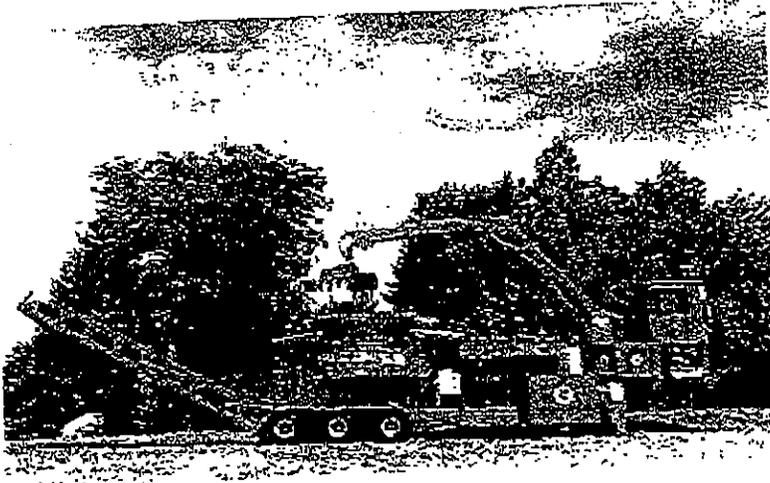
Attached please find photographs of mobark chippers or similar types. These are of a particular model. Our classification includes this model and other similar types.

Manitex 1200XL Tube Grinder



Power	600 - 760 HP
Length	39'6"
Height	13'5"
Width	11'11"
Gross Weight	63,940 lbs.
Tongue Weight	17,060 lbs.
Axle Weight	46,880 lbs.
Maneuverability Opening	32" x 52"
Discharge	Dual auger to belt
Trailer	Tri-axle; 60,000 lbs. Suspension
Tires	(12) 225-75R x 22.5, 15 ply radial
Brakes	Air
Stabilizer Legs	(2) Hydraulic
Towing Arrangement	Fifth wheel
Engine	Caterpillar or Cummins
Drive	Direct with torque limiter
Fuel Tank Capacity	300 gallon
Hydraulic Oil Tank Capacity	220 gallon
Auxiliary Air Compressor	11 HP
Optional Features	Trub cover for debris containment

AUG-02-2004 10:19



DEPARTMENT OF INDUSTRIAL RELATIONS
OFFICE OF THE DIRECTOR
455 Golden Gate Avenue, 10th Floor
San Francisco, CA 94102

ADDRESS REPLY TO:

P.O. Box 420603
San Francisco CA 94142-0603



February 8, 2002

**IMPORTANT NOTICE TO AWARDING BODIES AND OTHER INTERESTED PARTIES
CONCERNING INSPECTION AND SOILS AND MATERIALS TESTING**

Dear Public Official/Other Interested Party:

This notice provides clarification to many questions from the public regarding the scope of work of the testing and inspection determinations. In addition, it answers many questions from the public regarding work performed by architects and engineers.

Attached please find letters from Operating Engineers Local Union No. 3 dated February 4, 2002, and Operating Engineers Local Union No. 12 dated December 6, 2001, clarifying the scope of work for the following determinations:

**SOUTHERN CALIFORNIA
BUILDING/CONSTRUCTION INSPECTOR AND FIELD SOILS AND MATERIAL TESTER, page 10E**

**SAN DIEGO COUNTY
BUILDING CONSTRUCTION INSPECTOR AND FIELD SOILS AND MATERIAL TESTER, page 27C**

**NORTHERN CALIFORNIA
OPERATING ENGINEER (Heavy and Highway Work): Group 6 (Soils and Materials Tester), page 39
OPERATING ENGINEER (Building Construction): Group 6 (Soils and Materials Tester), page 40A**

Scope of work for each of these classifications has been posted on the Internet at <http://www.dir.ca.gov/DLSR/PWD>. This information may also be requested from the Division of Labor Statistics and Research, Prevailing Wage Unit by calling (415) 703-4774, by faxing a request to (415) 703-4771 or by writing to:

California Department of Industrial Relations
Division of Labor Statistics and Research
Prevailing Wage Unit
P.O. Box 420603
San Francisco, CA 94142

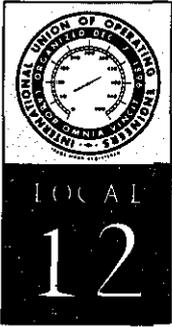
When referring to questions 7 and 8 in the letters from Operating Engineers Local No. 3 and Local No. 12 respectively, please note that testing and inspection is covered at off-site manufacturing and/or fabrication facilities only if the off-site facility is determined covered under prevailing wage laws. If there are any questions pertaining to this area please contact the Division of Labor Statistics and Research at the above address. Please include all relevant documents including but not limited to the contract, financial documents, plans, specifications, as well as contact information for the Awarding Body.

Please refer to an Important Notice dated December 29, 2000 for additional information pertaining to testing, inspection, and field surveying.

Sincerely,

A handwritten signature in black ink that reads "Chuck Cake".

Chuck Cake
Chief Deputy Director



INTERNATIONAL UNION OF
OPERATING ENGINEERS

WM. C. WAGGONER
Business Manager
and
General Vice-President

December 6, 2001

R E C E I V E D
Department of Industrial Relations

DEC 11 2001

Div. of Labor Statistics & Research
Chief's Office

Via Fax & U.S. Postal Service

Maria Y. Robbins, Deputy Chief
State of California Department of Industrial Relations
Division of Labor Statistics & Research
455 Golden Gate Avenue, Eighth Floor
San Francisco, CA 94102

Re: Building Construction Inspector (BCI) and Field Soils and Material Tester (FSMT) Classifications

Dear Ms. Robbins:

Pursuant to your request for clarification contained in your November 20, 2001 correspondence we submit the following:

1. *What is the difference between the Building Construction Inspector (BCI) and the Field Soils and Materials Tester (FSMT) classifications? There appears to be some overlap of duties. Could you summarize the intent of the coverage between Southern California Contractors Association, Inc. and the International Union of Operating Engineers Local No. 12, which serves as the basis for the prevailing wage determination?*

As stated in our June 5, 2001 correspondence to your office, a Building Construction Inspector (BCI) is a licensed inspector who generally works under the direction of a registered civil engineer. The BCI is used when higher stresses are involved, e.g., welding, reinforced concrete, masonry, non-destructive testing and other related disciplines. The term "building inspector" or "construction inspector" has the same meaning as "special inspector." The BCI classification is meant to include inspection of all structures, including but not limited to, residential and commercial buildings, bridges, piers, warehouses, oil/water tanks, docks, refineries, heavy highway construction, underground construction, water works, sewers, water reclamation, flood control, dams, dredge, etc.

A field soils and material tester (FSMT) performs a variety of duties. They include special grading, excavation filling, soils used in construction, concrete sampling, density testing and various types of verification tests.

Occasional overlap of duties may occur between the BCI and FSMT, such as taking concrete specimens in the field, however, one must look at the overall scope of work/duties to determine the proper prevailing wage/rate classification.

2. *How is grading inspection different when performed by a BCI or by a FSMT?*

"Grading inspection is generally the work of a FSMT. The City of Los Angeles certifies/licenses grading inspectors whose duties are similar, but more stringent than those of the FSMT. The grading inspector in the Los Angeles area is covered under the BCI classification/wage rate.

3. *Please define the following and identify which classification performs this work:*

- a) *Magnetic particle testing*
- b) *Nondestructive inspection*
- c) *Ultrasonic testing*
- d) *Keying*
- e) *Benching*
- f) *Scarifying*
- g) *"Rolling of slopes"*
- h) *One-pointer*
- i) *"Correction for rock"*

a) b) c) Magnetic and ultrasonic testing are two different forms of non-destructive testing (NDT). They use mechanical devices to check defects in structures such as welds. The use of magnetic and ultrasonic waves in the evaluation process does not cause any damage to the structure, hence, the term non-destructive testing. Other forms of non-destructive testing include radiography (x-rays) and penetrant testing. All of this work is that of the BCI.

d) Keying in is benching into existing material while filling up an adjacent fill, to bind the two areas (materials) together, eliminating the chance of a soft or uncompacted area in between the two materials or areas. A "stair-step" procedure is usually used.

e) Benching is using a piece of equipment (usually a dozer) to cut into existing material while filling up an adjacent fill, to bind the two areas (materials) together. This eliminates the chance of soft or uncompacted area in-between the two materials or areas. A "stair-step" procedure is usually used.

f) Scarifying is a procedure performed by equipment that rips up existing material approximately one foot deep, then processing that material by watering and mixing it.

g) Rolling of Slopes is a compaction technique used on the slopes of a new fill area. The time required for compaction on the slope of a fill is the same as the required compaction on the top of the fill.

h) A One-Pointer is one test made on the soil by a field soils and material tester (or FSMT).

i) Correction for Rock is a calculation made for oversized rock in soil, done by a field soils and material tester (FSMT).

Items a, b and c are performed by the BCI. Items d, e, f, g, h and i are performed by the FSMT.

To perform items a, b, and c, the individual would have to obtain certification as required by the agency. If certified, for example, in "Ultrasonic Testing," one could perform FSMT work and then move to BCI work if certified to do so.

4. *Does lab work fall within the jurisdiction of the BCI? Does the on/off site location of the lab make a difference?*

No, lab work is not covered. If a lab is located on-site and the individual stays "inside" the lab, there is no coverage. However, if the individual goes on-site and performs "field work," then he or she is covered for all hours worked.

5. *What is the civil engineer's job when working with the BCI or FSMT? Is the civil engineer covered under the scope of the BCI or FSMT sections of the collective bargaining agreement (CBA)?*

The civil engineer usually acts in a supervisory role, directing the BCI or FSMT activities. The civil engineer work would not be covered unless he or she performs "field work."

6. *The Master Labor Agreement (page 5) lists employees excluded from coverage. Does this imply that engineers, architects, project managers and off-site laboratory workers are excluded?*

Yes.

7. *Some signatories perform mechanical & electrical inspections. Are these jobs covered under the Operating Engineers agreement? If so, how is work performed?*

Not covered.

8. *When inspectors visit manufacturing sites, is the inspection of the plant and its processes covered under the agreement? Is that the intent of SB 1999?*

Yes, pursuant to the agreement. The intent of SB1999 was to further define coverage in the public work arena.

9. *Are the following inspectors included in the scope of the agreement: Geotechnical, Concrete, Painting, Steel and Electrical?*

Geotechnical, yes. Concrete, yes. Painting, no. Steel, yes. Electrical, no.

10. *Is visual observation inspection (e.g., using tape measures) covered?*

Yes. Visual inspection is a component of the Inspector's duties.

11. *What is the difference between a Geotechnical Inspector and a Geotechnical Engineer? Are they covered under the Operating Engineer agreement?*

A Geotechnical Inspector is "on-site" performing the "field work" and is covered. The

Geotechnical Engineer is usually "in-house," a supervisory position, "off-site."

12. *Is a project manager whose duties include weekly meetings, approving contracts, managing engineers, managing subcontracts and preparing monthly reports covered under the CBA?*

No.

13. *Is a resident engineer whose duties include logging correspondence amongst contractors and subcontractors, performing soil, concrete, masonry and HVAC tests, and acting as a liaison between contractors and engineers covered?*

When a Resident Engineer logs correspondence among contractors and subcontractors, the work is not covered. When the Resident Engineer acts as a liaison between contractors and engineers, the work is not covered. When performing soil, concrete or masonry tests, the work is covered. HVAC tests are not covered.

14. *Is the BCI an apprenticeable classification?*

Yes.

15. *Is the FSMT an apprenticeable classification?*

Yes.

16. *Is inspection of bridges and piers covered under the BCI and/or FSMT classifications under your agreement?*

Yes. Please see the coverage language in the CBA. Both classifications are covered pertaining to bridge work.

We hope the information provided herein is beneficial to you. Please call this office if you should have any questions.

Sincerely,



Fred C. Young, Financial Secretary
I. U. O. E., Local Union No. 12

FCY:smc

cc: David Lanham, Contract Compliance

DEPARTMENT OF INDUSTRIAL RELATIONS
OFFICE OF THE DIRECTOR
455 Golden Gate Avenue, 10th Floor
San Francisco, CA 94102

ADDRESS REPLY TO:

San Francisco P.O. Box 420603
CA 94142-0603



December 29, 2000

**IMPORTANT NOTICE TO AWARDING BODIES AND OTHER INTERESTED PARTIES
CONCERNING INSPECTION, FIELD SURVEYING AND SOILS TESTING**

The passage of Senate Bill 1999 (Chapter 881), effective January 1, 2001, codifies existing Department of Industrial Relations administrative decisions, determinations and regulations concerning the above referenced work. This work when done on or in the execution of a "Public Works" project requires the payment of prevailing wages. In accordance with SB 1999, Inspection and Testing determinations will be strictly enforced for all public works projects advertised for bids on or after January 1, 2001. Field surveying determinations have been and will continue to be enforced for all public works projects.

The classifications that perform this work have been published in the Director's General Prevailing Wage Determinations for over 20 years and can be found on the Basic Trades pages (Building Inspection, Soils Testing) and on the individual county sheets (Field Surveying). For the basic trades, please use the following determinations:

SOUTHERN CALIFORNIA

OPERATING ENGINEER, Group 2 (Soils Field Technician), page 7
BUILDING CONSTRUCTION INSPECTOR (OPERATING ENGINEER), page 10E

SAN DIEGO COUNTY

OPERATING ENGINEER, Group 2 (Soils Field Technician), page 25
BUILDING CONSTRUCTION INSPECTOR (OPERATING ENGINEER), page 10E

NORTHERN CALIFORNIA

OPERATING ENGINEER (Heavy and Highway Work): Group 6 (Soils and Materials Tester), page 39
OPERATING ENGINEER (Building Construction): Group 6 (Soils and Materials Tester), page 40A

Advisory scope of work covered by each of these classifications has been posted on the Internet at <http://www.dir.ca.gov/DLSR/PWD>. This information may also be requested from the Division of Labor Statistics and Research, Prevailing Wage Unit by calling (415) 703-4774, by faxing a request to (415) 703-4771 or by writing to:

California Department of Industrial Relations
Division of Labor Statistics and Research
Prevailing Wage Unit
P.O. Box 420603
San Francisco, CA 94142

In addition, Director's precedential Public Works coverage determinations concerning inspection and testing work will be enforced for all public works projects advertised for bids on or after the dates the precedential decisions were designated as such. For determinations of the applicability of prevailing wage requirements to other work covered by SB 1999, please contact the Division either via fax number or by mailing your request to the address indicated above. Requests of this nature should include all of the relevant documents including, but not limited to, the contract for the work and a detailed description of the work to be performed. Future clarifications regarding the scope and application of Senate Bill 1999, if needed, will be posted on the DLSR website and mailed to those on the Prevailing Wage mailing list.

DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF LABOR STATISTICS & RESEARCH
455 Golden Gate Avenue, 8th Floor
San Francisco, CA 94102

ADDRESS REPLY TO:



P.O. Box 420603
San Francisco CA 94142-0603

August 22, 2001

This notice has been rescinded and will not be applicable for public works projects advertised for bids on or after December 20, 2002.

**NOTICE REGARDING ADVISORY SCOPE OF WORK FOR
THE SAN DIEGO OPERATING ENGINEERS
GENERAL PREVAILING WAGE DETERMINATION**

The following classifications, which are part of the Master Labor Agreement between the Associated General Contractors of America San Diego Chapter, Inc. and International Union of Operating Engineers Local Union No. 12, were not published or recognized by the Department of Industrial Relations in the August 22, 2001 issuance of the San Diego Operating Engineers' general determination, SD-23-63-3-2001-2. The rates associated with these unrecognized classifications **SHALL NOT** be applied or used on public works projects for the associated type of work:

Group IV

Boring System Electronic Tracking Locator
Horizontal Directional Drilling Machine

23-6373

MASTER LABOR AGREEMENT

between
**ASSOCIATED GENERAL CONTRACTORS OF AMERICA
SAN DIEGO CHAPTER, INC.**

and
**INTERNATIONAL UNION OF OPERATING ENGINEERS
LOCAL UNION NO. 12**

R E C E I V E D
Department of Industrial Relations

JUL 30 2001

Div. of Labor Statistics & Research
Chief's Office

THIS AGREEMENT entered into this 15th day of June, 2001, by and between signatory members of the Associated General Contractors of America, San Diego Chapter, Inc., (hereinafter referred to as the "Employers"), and the International Union of Operating Engineers, Local Union No. 12, affiliated with the Building and Construction Trades Department of the AFL-CIO, (hereinafter referred to as the "Union").

2. This Agreement shall cover and apply to all work falling within the recognized jurisdiction of the Union.

a. It shall cover work on building, heavy highway and engineering construction, including the construction of, in whole or in part, or in improvement or modification thereof, including any structure or operations which are incidental thereto, the assembly, operation, maintenance and repair of all equipment, vehicles and other facilities, including helicopters, used in connection with the performance of the aforementioned work and services and including without limitation the following types of classes of work.

b. Street and highway work, grading and paving, excavation of earth and rock, grade separation, elevated highways, viaducts, bridges, abutments, retaining walls, subways, airport grading, surfacing and drainage, electric transmission line and conduit projects, water supply, water development, reclamation, irrigation, drainage and flood control projects, dams, aqueducts, canals, reservoirs, intakes, channels, levees, revetments, quarrying of breakwater or riprap stone, foundations, pile driving, piers, locks, dikes, rivers and harbor projects, breakwaters, jetties, dredging, tunnels, soil testing and building/construction inspector. The handling, cleaning, erection, installation and dismantling of machinery, equipment and all work on robotics, included but not limited to the rigging, handling, installation, maintenance, programming and the use of all stationary and/or portable robots. This shall include the use of all robots used in any industry, including the nuclear field.

c. The construction, erection, alteration repair, modification, demolition, addition or improvement, in whole or in part, of any building structure including Power Plants, mines, solar energy installations and appurtenances, oil or gas refineries and incidental structures, also including any grading, excavation, or similar operations which are incidental thereto, or the installation, operation, maintenance and repair of equipment and other facilities used in connection with the performance of such building construction.

d. All concrete form work, including but not limited to, the fabrication, construction, placing, erection, rigging and hoisting, stripping and removing of all forms and operation of the

forklift, loed, pettibone or mobile equipment in reference to all of the above work.

e. All work in connection with tiltup slabs, including but not limited to benchmarks, layout, setting of all forms, blockouts, metal door and window jambs, templates for bolts, lift points, knee braces, all stripping of forms (whether or not to be reused) rigging, setting, plumbing, and lining, welding, drilling, ledger bolts, setting of expansion joints and caulking. Also to include forms for stairs and loading docks (setting and stripping), installation of all doors including roll-up, installation of laminated beams or precast structures, and operation of the fork lift in reference to all of the above work.

f. All work in connection with the hoisting of materials which are to be used for the Carpenters or Building Trades men will be rigged, guided and handled by employees covered by this Agreement.

g. The layout, rigging, tagging, signaling, cutting, burning, welding, chain sawing, driving, setting and pulling of all soldier piles, sheet piles, soldier beams and casings, together with all necessary walling, shoring, underpinning, struts, bracing capping and lagging necessary for construction of subterranean structures of all types to include, but not limited to, subways, subway stations, buildings, storm drains, sewers, pipelines and all open cut and cover construction projects. Fabrication, construction, removal and stripping of all forms both inside and outside the tunnels and drains to include form liners and membranes, whether they be spray on, glue on, tack on, composed of any and all building materials to include plastic, neoprene, high density polyethylene, vinyl cork or any other natural or artificial material. Construction of all covers and access mats to include all necessary rigging for setting and removing, whether intermittently or regularly. Installation and removal of all timber decking.

h. All office modular furniture systems including, but not limited to: The unloading by any means, stockpiling, distribution to point of erection, carrying, handling, transportation, uncrating, installation, cleaning, and/or staging of all office, commercial, industrial, institutional, and hotel furniture systems, furnishings, etc., including (but not limited to) all component parts (regardless of their materials or method or

manner of installation, attachment or connection). Also included will be layout work including the use of level, transit and any other instrument or tool (or adaptable tool) required for the work herein described.

i. The placing, handling, moving and erection of all materials which fall within the description of work set forth in the Agreement from the site of delivery on the job to the point of the job where the work is to be performed. The erecting and moving of all scaffolds and the moving and handling of all materials to be used in erection of scaffolding.

3. ~~In addition to the above,~~ This Agreement shall also include work in the Contractors' yards and shops and field survey work, asphalt, concrete and screening plants, forest fires, floods, and emergency work.

a. Survey work is considered bargaining unit work. If survey work is subcontracted by the Employer, said subcontractor shall be signatory to, and shall perform said work in compliance with the terms and conditions of the current Master Survey Agreement between the Southern California Association of Civil Engineers and Land Surveyors and the Operating Engineers, Local Union No. 12. If survey work is not subcontracted, the terms and conditions contained in Article XV, Section S of this Agreement shall apply.

~~b. In addition to the above, this Agreement shall also cover all soils and materials testing, construction inspection, and building inspection work performed in connection with any and/or all of the types of work otherwise covered by this Agreement as set forth hereinabove, without exception. Such work shall be defined by the type of work being performed, and shall not be excluded from this Agreement by virtue of the fact that the awarding agency or developer, or the employer or contractor, chooses to call such work by a different name, such as "quality control work" or "quality assurance work".~~

7. Equipment Transportation and Repair:

a. So far as it is within the control of the Contractor, the loading and unloading of equipment which is operated by employees covered by this Agreement, or the transportation of such equipment by means of its own power, from job-to-job, yard-to-yard, shall be performed by employees covered by this Agreement. Nothing herein contained shall be construed to prohibit the normal delivery of freight by common carrier.

b. Nothing in this Agreement shall limit the right of Contractors to utilize machinery and equipment dealers to perform major repairs on machinery and equipment on or off the jobsite. All other maintenance and repairs which are normally and customarily performed by persons in the classification of Heavy Duty Repairman/Welder shall be performed by employees covered by this Agreement. In the event this Paragraph proves unworkable during the life of this Agreement the parties hereto agree that the provision contained in Article XVII will prevail in resolving the issues at hand.

d. For hazardous waste removal or remediation, those new methods of operation, systems, procedures, equipment, technology, or other changes are developed, introduced or utilized by a Contractor or Subcontractor which replace, modify or add to the work covered by this Agreement, this Agreement shall apply to such new methods and only employees covered by this Agreement shall perform such work.

ARTICLE II Union Recognition

A. The Contractors hereby recognize the Union as the sole and exclusive collective bargaining representative of all employees and persons employed to perform work covered by this Agreement by the Contractors over whom the Union has jurisdiction, including such jurisdiction as defined by the Building and Construction Trades Department of the AFL-CIO (including, but not limited to electric transmission lines, conduit projects, sub-stations and power plants).

All work performed under this Agreement shall be done by employees of the Contractor or Subcontractor doing work covered by this Agreement. When the Contractor leases equipment it must be operated and maintained by employees of the Contractor or of a Subcontractor as defined above.

9. Combination Mixer and Compressor Operator on Guniting work shall be classified as Concrete Mobile Mixer Operator.

10. The necessity for the use of an employee as a Signaller shall be determined by the Contractor. When used, he shall be an Engineer-Oiler, as defined herein, who assists in giving or relaying signals by mechanical means (also by means of hand signals on excavation work), directly to the Operator of hoisting equipment only.

13. Dewatering System:

a. A Dewatering System shall be operated by a Pump Operator at all times that the Dewatering System is being operated.

b. For the purpose of this Article, a Dewatering System is defined as a combination of one (1) or more pumps of any type, size or motive power, including but not limited to Wellpoint Pumps, Submersible Pumps, Well Pumps, Ejector or Eductor Pumps, in combination with wells, wellpoints, sumps, piping and/or other appurtenances, powered by Diesel, electric, gasoline or any other type of motive power to control water on any and all types of construction work, except when submersible or well pumps are operated with public electrical power, an Operating Engineer will not be required. When an employee is required he shall be an Operating Engineer.

c. In the event that pumps are not used for Dewatering projects, pumps that are gasoline or Diesel driven shall be maintained, serviced and operated by an Operating Engineer from the preferred classification, regardless of the purpose for which they are used. When a single small unit is used for filling of a water tank or water trucks, an Operating Engineer will not be required. When an employee is required, he will be an Operating Engineer.

d. A Pump Operator will not be required on the day shift provided there are other operators on the jobsite assigned to service and maintain the pumps during the day shift. However, a Pump Operator will be required on the second (2nd) and third (3rd) shifts unless full shifts are worked by a full crew relieving the first (1st) shift.

R. Special Working Rules and Conditions for Tunnels and Sealed Air Pressure Bores:

2. This section covers jobsite work on construction, alteration, repair, modification or demolition of tunnels, shaft, tunnel shafts, adits, silos, raises, subways, underground power houses, including the lining of same which falls within the jurisdiction of the Union. Where open cutwork is covered over or decked with wood, steel or other substitute materials and workmen are required to work under such cover, they shall work and be paid in accordance with the terms and conditions of this Agreement. For all excavation and work related to the excavation, without limiting the scope of the work covered hereby, it is agreed that this Agreement shall cover but not be limited to the construction of, in whole or in part, or the improvement or modification thereof, including any structure or operations which are incidental thereto, the assembly, operation, maintenance and repair of all equipment, vehicles and other facilities used in connection with the performance of the aforementioned work and services and including without limitation the following types of classes or work.

3. The manning, running and/or handling of all boring equipment, mole machines, mining machines, mucking machines, heading shields, all drilling (except jackleg and jumbo), all diamond core drilling, grinding and sharpening of bits, slushers, tuggers (except in breast board or crown bar headings), all conveyors and conveyor belts, locomotives, rubber-tired equipment, including man trip vehicles, mobile power jumbos, Athey Wagons and tractors, all concrete placing equipment such as Rex Pumpcrete and all pneumatic placers (flowcrete) Kemper, Hackley-Presswell and all similar equipment. The jacking of pipe in tunnels, all ground support work including cutting, welding, hauling and hoisting of all liner plate and other materials, all work performed under compressed air which falls within the jurisdiction of the Union. The manning of all hoisting equipment including cherry pickers and/or carpassers, mobile powered heading switches, concrete screeds, agitator cars, the moving, raising and setting of forms including slip forms in tunnels and tunneling operation. The operation, tending and maintenance of all pumps, generators, compressors and ice plants in or on tunnels and tunnel shaft projects.

4. Any and all emplacements commonly described as underground silos in which missiles are placed, housed, stored and/or their component parts, shall be covered by the terms of this Agreement. All power hoisting and jobsite hauling of all tools, equipment, material, workmen and other personnel and the operation of all equipment primarily used therefor shall be considered the jurisdiction of the Union and shall be covered by the terms and conditions of this Agreement.

5. In addition to the above, this section shall also include work in the Contractors' portal yards and shops, tunnel survey work such as the placing, setting and adjusting of Laser Beams, Gyroscopes, Geodimeters, Electrotape and all other instruments used therefor, including Grade Checkers and/or Shift Engineers.

6. Tunnels shall be defined as an underground passageway, except for jacking operations under highways, railroads, embankments, etc., excavated by workmen and equipment working below the earth's surface that provides subterranean route along which workmen, equipment or substances can move other than passageways excavated by mine or quarry operations in connection with such operations.

7. All work of site preparation, mobilization and installation of plant and equipment and the removal of same shall be performed under the terms of this Section R.

8. After tunnel work has begun, work outside the tunnel consisting of batch plant crews, the construction, repair and maintenance of the equipment outside the tunnel, subway, shaft, raise, etc., and the hauling and hoisting of the material to be used inside the tunnel, subway, shaft, raise, etc., or construction, repair or demolition of said tunnel, subway, shaft, raise, etc., shall come under the tunnel provisions and shall work under the tunnel shift conditions, either single or multiple.

a. Employees assigned to batch plant operations shall work under the terms and conditions of the tunnel provisions except when a batch plant is established in an area to provide material for a project consisting of a tunnel or tunnels, and other outside concrete batching operations, and the batch plant crew or any member of it had not participated in the driving of the tunnel, such employees shall be covered by the regular jobsite concrete batch plant provisions of this Agreement.

h. Employees covered by this Agreement shall perform all repair and service work on equipment, including the washing of all boilers and/or scrubbers.

i. Crews on power shovels and mucking machines over one-quarter ($\frac{1}{4}$) yard shall consist of an Engineer-Operator and an Engineer-Oiler or Apprentice who shall be under the direct supervision of the Engineer-Operator.

b. On tunnel headings where the operating, repair or servicing of equipment is performed, the tunnel repairman or other employees covered by these tunnel provisions shall be utilized.

c. No one other than an Operating Engineer covered by this Agreement shall operate a locomotive on a tunnel project.

APPENDIX E
FIELD SOILS AND MATERIAL TESTER
BUILDING/CONSTRUCTION INSPECTOR
CLASSIFICATIONS AND WAGE RATES

GROUP I

Field Soils and Material Tester
Field Asphaltic Concrete (Soils and Material Tester)
Field Earthwork (Grading Excavation and Filling)

GROUP II

Building/Construction Inspector
Reinforcing Steel
Reinforced Concrete
Pre-Tension Concrete
Post-Tension Concrete
Structural Steel and Welding Inspector
Nondestructive Testing (NDT)
Glue-Lam and Truss Joints
Truss Type Joint Construction
Shear Wall and Floor System used as diaphragms
Concrete Batch Plant
Spray Applied Fireproofing
Structural Masonry

The above classifications shall be recognized as the jurisdiction of the Operating Engineers. It is further understood that these classifications noted herein shall not apply to laboratory work but be defined as jobsite work only.

There may be instances where an Inspector is required by the employer to do both laboratory and field testing in which event they will be covered by the agreement.

When a question arises as to the duties of an Inspector or Soils Technician, the California Division of Architects and Engineers Handbook will be referred to which contains all duties pertaining to Inspectors and Soils Technicians and will be supplied by Local 12 upon request.