

Cement Mason Industry Training Criteria

October 2010

CEMENT MASON INDUSTRY

O'NET Code 47-2051.00

LABOR CODE SECTION 212.01

Paragraph 3 – Minimum Requirements

1. **LENGTH OF TRAINING**

Program sponsors shall establish a minimum three (3) year program of not less than 4,200 hours of on-the-job training.

2. **RELATED AND SUPPLEMENTAL INSTRUCTION**

The required prescribed courses of related and supplemental instruction shall be no less than 144 hours per year. This instruction must include at a minimum the related and supplemental training processes listed in Exhibit "A".

3. **ON THE JOB TRAINING**

Skills to be learned see Exhibit "B".

4. **COMPETENCY TESTING**

All apprentices must pass course competency tests, which are based on related and supplemental instruction, and manipulative skills test's based on field/laboratory assignments.

5. **COMPLETION PERCENTAGES**

Program sponsors must have a 40% completion of all apprentices that satisfactorily complete the program's probationary period.

6. **REVISIONS**

There shall be a review once every three years in accordance with Labor Code Section 212.01 or at the call of the Chairman of the Cement Mason Industry Advisory Committee if issues arise.

EXHIBIT "A"

RELATED AND SUPPLEMENTAL INSTRUCTION TOPICS FOR CEMENT MASON INDUSTRY TRAINING CRITERIA

DOT CODE 844.364.010

RELATED AND SUPPLEMENTAL INSTRUCTION

1. Orientation, History of Cement Industry, Labor & Management Relations, Safety & First Aid
2. Forming Tools, Hand Tools, Power Tools, Miscellaneous Equipment, Small Engines: Operations & Servicing
3. Basic Math, Measuring, Estimating
4. Leveling Instruments: Builders Level, Laser Beam, Transit
5. Concrete Ingredients
6. Designing Concrete Mixes, Admixtures, Specifications & Testing
7. All Concrete Forms, including, but not limited to: Edge Forms on Grade, On-Grade Curb & Gutter Forms, Screeds & Bulkheads
8. Placing & Leveling Concrete
9. All Finishing Concrete Processes, including, but not limited to: Finishing Concrete Floors, Finishing Concrete Roofs, Finishing Concrete Steps, Finishing Sidewalks & Patios, Finishing Concrete Drives, Approaches, Curbs, Curbs & Gutter, Pavements, Concrete Bases, Tilt-Up Panels, Precast and Lift Slab. Finishing footings and concrete base structures for the purpose of solar and wind energy, may be offered as an elective course.
10. All Concrete Restoration, including, but not limited to: Staining, Etching, Polishing, Overlay and Waterproofing.
11. Joints in Concrete, Curing, Protection
12. Blueprints: Reading & Interpreting, Architects Scale
13. Concrete Patching & Related Processes, Grinding/Rubbing & Sacking, Surface Defects: Prevention's & Remedies, and Green Concrete Construction, including, but not limited to pervious and polished concrete.

Exhibit A – Continued

14. Epoxy, Epoxy Injection and Materials

15. Green Topics:

- Understanding LEED and the relation it has with green construction.
- Roll of concrete in reducing energy usage.
 - a) Thermal
 - b) Reflective
- Recycling of cured concrete and concrete in its plastic stage.
- How concrete can help manage storm water runoff.

EXHIBIT "B"

WORK PROCESSES FOR CEMENT MASON INDUSTRY TRAINING CRITERIA DOT CODE 844.364.010

<u>ON THE JOB TRAINING</u>	<u>HOURS</u>
A. Site Preparation	950
B. Placing and Finishing Concrete	1,050
C. Steps and Base	300
D. Curb and Gutter (all types)	650
E. Concrete Repair	750
F. Machine Operations	300
G. Mastic and Magnesite – Composite Work - Green Concrete Construction, including, but not limited to, pervious and polished concrete.	200
Total number of minimum hours	4,200

**Cement Masons Industry Training Committee Members
October 2010**

Signatory Employee Representatives

Mr. Gary Clark, Business Agent
OP&CMIA Local 300
4969 E. Clinton Way, Suite 119
Fresno, CA 93727
559/251-8259
Fax: 559/251-5916
glclark5@pacbell.net

Mr. Ed de Brito, Director
S.C.C.M.J.A.T.C.
5417 Peck Road
Arcadia, CA 91006
626/256-7674
Fax: 626/258-4092
edebrito@abpa-tpa.com

Non-Signatory Employee Representatives

Employee Representatives – Alternate

Mr. Scott Brain, Business Manager
OP&CMIA Local 600
5811 E. Florence Avenue
Bell Gardens, CA 90201-4685
213/771-0991
scott@cementmasons600.org

Mr. Arthur Moffitt
c/o N.C.C.M.J.A.T.C.
2350 Santa Rita Road
Pleasanton, CA 94566-4135
925/484-2271
Fax: 925/484-2312

DAS Consultant

Ms. Mary Ellen Rocha, Consultant
Division of Apprenticeship Standards
100 Paseo de San Antonio, Room 125
San Jose, CA 95113

Signatory Employer Representatives

Mr. Mark Gonzalez, Director
N.C.C.M.J.A.T.C.
2350 Santa Rita Road
Pleasanton, CA 94566-4135
(925) 484-2271
Fax: 925/484-2312
nccmjatc@sbcglobal.net

Mr. William Lujan, General Superintendent
Prieto Construction Company Inc.
1601 S. Mayland Avenue
West Covina, CA 91790-5618
949/795-2831
pcci@prietoconstruction.com

Non-Signatory Employer Representatives

Mr. Pete Saucedo, Executive Director
AGC of America – San Diego Chapter
Apprenticeship & Training Trust
6212 Ferris Square
San Diego, CA 92121
858/558-0739
Fax: 858/558-8941
psaucedo@agcsdatt.org

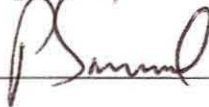
Employer Representatives - Alternate

Mr. Brian Cameron
1960 S. Forest Hill Place
Danville, CA 94526
510/715-5202
brian554@comcast.net

Mr. Glen Forman, Acting Chief
Division of Apprenticeship Standards
P.O. Box 420603
San Francisco, CA 94142

The foregoing Cement Mason Industry Training Criteria is hereby agreed to and adopted October 2010.

Mr. Pete Saucedo, Chairman
AGC of America – San Diego Chapter
Apprenticeship & Training Trust
6212 Ferris Square
San Diego, CA 92121



Mr. Mark Gonzalez, Co-Chairman
N.C.C.M.J.A.T.C.
2350 Santa Rita Road
Pleasanton, CA 94566-4135

