

Industry Training Criteria

Terrazzo Finisher – O*NET 47-2053.00F

A Masonry Trades Advisory Committee Report

**Presented to the California Apprenticeship Council
October 15, 2010**

Industry Training Criteria

Terrazzo Finisher

1. **Length of Training**

- Minimum of two years
- Minimum of 2,800 work hours

2. **Related Supplemental Instruction**

Terrazzo Finisher Apprentices shall satisfactorily complete prescribed courses of related and supplemental instruction which will be no less than 80 hours per year and include the related and supplemental training processes listed on attachment A

3. **On the Job Training**

See attachment B

4. **Competency Testing**

All apprentices must pass a competency test prior to their advancement to the next pay period. The tests shall be based on their related and supplemental instruction.

5. **Apprenticeship Program Completion Percentages**

Program sponsors must have a 25% graduation rate for apprentices that satisfactorily progress beyond the probationary period.

6. **Green Training**

Apprentices will receive training on the evolving green construction movement. They will learn how masonry materials, building design, construction methods and techniques contribute to green construction. Apprentices will be familiarized with the LEED green building certification system.

7. **Procedures for Review and Revision of Training Criteria**

The Masonry Trades Advisory Committee shall meet at the call of the chair or no less than once each three years to review and revise, if necessary, these industry training criteria. Any and all industry training criteria for terrazzo finishers shall be in accordance with California Code of Regulations, Title 8 Section 212.01

Attachment A

Related and Supplemental Instruction

Terrazzo Finisher O*NET 47-2053.00F

Cleaning and sealing Terrazzo

Green Construction, materials, methods and techniques

Grouting and Caulking

Hand tools and equipment, maintenance, proper use and safety

Illegal discrimination and sexual harassment

Materials, identification, characteristics, and estimating

Membranes and Underlayments

Mixing mortar and bonding materials

OSHA-10

Read a rule

Safety, CPR and First Aid

Scaffold Safety Training

Terrazzo Materials handling

Trade math

Trade History

Attachment B

The major work processes in which apprentices will be trained (although not necessarily in the order listed) and the approximate hours (not necessarily continuous) to be spent on each are as follows:

Terrazzo Finisher	O*NET 47-2053.00F	
A. Preparation		1,000
1. Sub-structures for Terrazzo		
2. Mix mortar, chips and aggregates		
3. Mix Thin-set, epoxy and other materials		
4. Clean and seal Terrazzo		
B. Care and use of tools and equipment		80
C. Installation Procedures		1,560
1. Float bed and cushion		
2. Divider strips		
3. Place Terrazzo mixture		
4. Seamless floors		
5. Membranes		
6. Grinding and polishing Terrazzo		
D. Safe work habits and practices		60
E. Green Building practices		100
1. Recycle materials		
2. Conservation of materials and water		
3. Containment of dust		
	TOTAL	2,800

Masonry Trades Advisory Committee

Michael Height Apprenticeship Coordinator
BAC Local No. 3 Apprentice Training Trust
8400 Enterprise Way Rm 114
Oakland, CA 94621
510-553-0991

Gary Anthony Apprenticeship Coordinator
Bricklayers & Allied Crafts Local 4 CA JAC
12921 Ramona Blvd. Ste. G
Irwindale, CA 91706
626-856-5750

Susan Moore Executive Director
Masonry Industry Training Association
PO Box 277501
Sacramento, CA 95827
916-271-2011

Amy Vasquez Apprenticeship Coordinator
Masonry Industry Training Association
PO Box 9966
Moreno Valley, CA 92552
909-800-6010

Kevin Smith Vice President
Frank Smith Masonry
2830 Pamona Blvd.
Pamona, CA 91768
909-468-0525

Bob Filippi President
American Terrazzo
36 Wood St.
San Francisco, CA 94118
415-921-1862

Roger Coons President
NuWay Inc.
8992 Jurupa Rd.
Riverside, CA 92509-3162
951-681-9052

Avery Pratt President
Diablo Valley Masonry
55 Oak Court #30
Danville, CA 94526
510-773-6448

David Jackson Secretary Treasurer
Bricklayers and Allied Crafts Local 3 CA
10806 Bigge St.
San Leandro, CA 94577
510-632-8781

Wayne Mika
John Jackson Masonry
PO Box 245480
Sacramento, CA 95842
916-381-8021

Mike Soares President
Soares Masonry Inc.
PO Box 4352
Mountain View, CA 94040
408-773-8500

Raul Galvan Apprenticeship Consultant
DIR Division of Apprenticeship Standards
455 Golden Gate Ave. 10th Floor
San Francisco, CA 94102
415-703-1144

Pete Camarda Apprenticeship Coordinator
San Diego / Imperial Counties Bricklayer
Stonemason JATC
7171 Alvarado Road #201
La Mesa, CA 91941
619-698-8604

Kevin MacDonald President
Townsend and Schmidt Masonry
8434 24th Ave.
Sacramento, CA 95826
916-383-5354

Oscar Meier Teacher Advisor
LAUSD
333 S. Beaudry Ave. 18th Floor - 143-5
Los Angeles, CA 90017
213-241-3780

Paul Pidoux Teacher Advisor
LAUSD
333 S. Beaudry Ave. 18th Floor - 143-5
Los Angeles, CA 90017
213-765-2487

The above minimum training criteria for Terrazzo Finisher, O*NET 47-2053.00F is hereby adopted and submitted for approval to the Chief of the Division of Apprenticeship Standards on October 15, 2010.

For the Advisory Committee:

Gary Anthony, Bricklayers & Allied Crafts Local 4 CA JAC
Susan Moore, Masonry Industry Training Association
Kevin Smith, Frank Smith Masonry
Bob Filippi, American Terrazzo
Roger Coons, NuWay Inc.
Avery Pratt, Diablo Valley Masonry
David Jackson, Bricklayers and Allied Crafts Local 3 CA
Wayne Mika, John Jackson Masonry
Mike Soares, Soares Masonry Inc.
Raul Galvan, DIR Division of Apprenticeship Standards
Pete Camarda, San Diego / Imperial Counties Bricklayer Stonemason JATC
Kevin MacDonald, Townsend and Schmidt Masonry
Oscar Meier, LAUSD
Paul Pidoux, LAUSD

Chair	Date
Michael R. Height, Apprenticeship Coordinator BAC Local No. 3 Apprentice Training Trust	

Co-Chair	Date
Amy Vasquez-Webb, Apprenticeship Coordinator Masonry Industry Training Association	