

Industry Training Criteria

Terrazzo Worker – O*NET 47-2053.00

A Masonry Trades Advisory Committee Report

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

Industry Training Criteria

Terrazzo Worker

1. **Length of Training**

- Minimum of three years
- Minimum of 4,200 work hours

2. **Related Supplemental Instruction**

Terrazzo Worker/Mechanic Apprentices shall satisfactorily complete prescribed courses of related and supplemental instruction which will be no less than 132 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 50% 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 workers/mechanics shall be in accordance with California Code of Regulations, Title 8 Section 212.01

Attachment A

Related and Supplemental Instruction

Terrazzo Worker O*NET 47-2053.00

Blueprint reading

Building Codes

Cleaning and Sealing Terrazzo

Cutting Control Joints

Design layout

Floor layout and installation

Green Construction, materials, methods and techniques

Hand tools and equipment, maintenance, proper use and safety

Illegal discrimination and sexual harassment

Materials, identification, characteristics, and estimating

Mixing mortar and bonding materials

OSHA-10

Repair and renovation of Terrazzo

Safety, CPR and First Aid

Scaffold Safety Training

Substrates, mixing and Bonding Materials

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 Worker	O*NET 47-2053.00	
A.	Layout, preparation and installation		2,450
	1. Floating bed		
	2. Divider Strips		
	3. Terrazzo		
	4. Pattern Designs		
	5. Terrazzo base, wainscot, and scratch coat		
	6. Stairs		
	7. Pre-cast Terrazzo		
	8. Seamless Floors		
	9. Membranes		
B.	Care and Use of tools and equipment		290
C.	Terrazzo Installation Procedures		1,230
	1. Cleaning and patching Terrazzo		
	2. Mix and application of chips and aggregates		
	3. Grind and polish Terrazzo		
	4. Saw Control Joints		
	5. Rolling and troweling Terrazzo		
	6. Working with thin-set epoxy, polyester and other materials		
D.	Green Building practices		200
	1. Recycle materials		
	2. Conservation of materials and water		
	3. Containment of dust		
E.	Safe work habits and practices		30
		Total	4,200

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

For the Advisory Committee:

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Chair	Date
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