

# **Industry Training Criteria**

**Mason Finisher – O\*NET 47-2021.00F**

**A Masonry Trades Advisory Committee Report**

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

# Industry Training Criteria

## Mason Finisher

### 1. **Length of Training**

- Minimum of Two years
- Minimum of 2,400 work hours

### 2. **Related Supplemental Instruction**

Mason Finisher 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 bricklayers shall be in accordance with California Code of Regulations, Title 8 Section 212.01.

## **Attachment A**

### Related and Supplemental Instruction

Mason Finisher                      O\*NET 47-2021.00F

1. Green Construction, materials, methods and techniques
2. Safety and jobsite responsibilities
3. Use and care of tools
4. Grouting CMU wall systems
5. Erecting scaffold and servicing
6. Forklift operation

## **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:

	Mason Finisher	O*NET 47-2021.00F
A.	Cut masonry, rebar, precast, and refractory materials to specified sizes using power saws or hydraulic stone and brick cutters.	400 hours
B.	Erect scaffolding or other installation structures.	400 hours
C.	Mix mortar, grout, blend adhesions, and sealing products.	300 hours
D.	Select locate and supply materials for installation	250 hours
E.	Locate sort and place reinforcement steel per wall requirements using call out sheets.	200 hours
F.	Green Building practices	80 hours
	1. Recycle materials	
	2. Conservation of materials and water	
	3. Containment of dust	
G.	Assist in grouting procedures, assist in preparation, installation, repair and or rebuilding surfaces, brick or concrete masonry units.	300 hours
H.	Prepare masonry wall systems for sealing prior to grouting.	150 hours
I.	Clean installation surfaces, equipment, tools, work sites, and storage areas with use of water, chemical solutions, and sand blasting equipment.	170 hours
J.	Transport material, tools and machines to installation sites, manually or using conveyance equipment.	150 hours
	Total	2,400 hours

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The above minimum training criteria for Mason Finisher, O\*NET 47-2021.00F is hereby adopted and submitted for approval to the Chief of the Division of Apprenticeship Standards on October 15, 2010.

For the Advisory Committee:

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

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