

Department of Labor & Industries
Apprenticeship Section
PO Box 44530
Olympia WA 98504-4530



REQUEST FOR REVISION OF STANDARDS

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L&I apprenticeship coordinator

TO: Washington State Apprenticeship & Training Council

From: **Washington Cement Masons Apprenticeship Committee #61**
(NAME OF PROGRAM STANDARDS)

Teri Gardner 6-2-2021

Teri Gardner 5-26-2021

Please update our Standards of Apprenticeship to reflect the following changes.

Additions shall be underlined.

Deletions shall be ~~struck through~~.

See attached.

Authorized signatures

(chr.)

(sec.)

Approved by:

Washington State Apprenticeship & Training Council

Secretary of WSATC:

date:

5-26-21

date:

attach additional sheets if necessary

Washington Cement Masons Apprenticeship Committee #61

<u>Occupational Objective(s):</u>	<u>SOC#</u>	<u>Term [WAC 296-05-015]</u>
CEMENT MASON (for those registered prior to April 21, 2011)	47-2051.01	5400 HOURS
CEMENT MASON AREA 1 (for those registered on or after April 21, 2011)	47-2051.01	6400 HOURS
CEMENT MASON AREA 2	47-2051.01	6400 HOURS

I. GEOGRAPHIC AREA COVERED:

The areas covered by these Standards are:

Area 1: The Counties of Clallam, Columbia, Cowlitz, Grays Harbor, Island, Jefferson, King, Kitsap, Kittitas, Klickitat, Lewis, Mason, Pacific, Pierce, San Juan, Skagit, Snohomish, Thurston, Wahkiakum, and Whatcom.

Area 2: The Counties of Benton, Chelan, Douglas, Franklin, the portion of Okanogan county with a 5-mile radius of Grand Coulee dam, Walla Walla, and Yakima.

~~Area 3:~~ The Counties of Adams, Asotin, Ferry, Garfield, Grant, Lincoln, Okanogan, Pend Oreille, Spokane, Stevens, and Whitman in the State of Washington. Also these standards will cover Benewah, Bonner, Boundary, Clearwater, Kootenai, Latah, Lewis, Nez Pierce, Shoshone, the northern one-half of Idaho County in the State of Idaho, and all counties in the State of Montana.

II. MINIMUM QUALIFICATIONS:

- Other:
1. Valid driver's license
 2. Social Security card or other proof of I-9 employment status.
 3. Pass a swab drug test and if the results are inconclusive, pass a urinalysis drug test.

III. CONDUCT OF PROGRAM UNDER WASHINGTON EQUAL EMPLOYMENT OPPORTUNITY PLAN:

A. Selection Procedures:

1. Applications can be obtained on our webpage by contacting ~~Cement Masons and Plasterers Training Centers of Washington at (206) 762-9286, at concretetraining@trowelout.org, or at www.opemia528.org~~ www.cmpltraining.org or by requesting an application by email; concretetraining@trowelout.org phone or in person at the following locations:

Email: concretetraining@trowelout.org

Area 1

Western Washington

Cement Masons & Plasterers Training Centers of Washington

6737 Corson Ave S D116

Seattle, WA 98108

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(206) 762-986

Richland
OPCMIA Local 478
2505 Duportal ST. Suite B
Richland WA, 99352

Area 2
Eastern Washington, Northern Idaho, Montana
OPCMIA Local 72
~~3921 E Main Ave~~
3223 N Market Street
Spokane, WA ~~99202~~-99207
(509) 326-0575

Complete Applications should be submitted by mail, or email ~~or fax~~ to:

Cement Masons and Plasterers Training Centers of Washington
PO Box 81044
Seattle, WA 98108
~~Fax: (206) 762-0896~~
Email: concretetraining@trowelout.org

In order for an application to be considered complete, the applicant must submit the following documentation in addition to the application:

- **Copy of Driver's License**
- **Documentation that demonstrates completion of high school or equivalent (e.g. high school diploma, transcript or G.E.D. certificate)**
- **Copy of Social Security Card or other proof of I-9 employment status**

Returned applications shall be placed on a list in order of their receipt.

- 2. The JATC recognizes ~~two~~three distinct areas within the state for separate ranked eligibility lists. Indication on the application will determine which eligibility list an applicant is placed on.**

Area 1: Western Washington
Area 2: Central Washington,
~~Area 3:~~ Eastern Washington/Northern Idaho/Montana

- 3. The Apprenticeship Committee shall determine the schedule for physical assessment dates based on demand for apprentices in their geographical area consistent with ensuring continuous employment. The Apprenticeship Committee will notify applicants of the date and time of their physical assessment. Notification will be emailed 1530 days in advance. If an applicant does not have an email address, then a written notice will be sent.**

Those who apply after the current notice mailing will be notified of the following scheduled physical assessment.

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9. **EXCEPTIONS:** (Direct Entry)

- b. **Employees of participating employers who are promoted from another classification covered by the collective bargaining agreement to apprentice may receive direct entry status provided they Be employed by an approved training agent to these standards.**

All minimum qualifications will be waived except the following:

- (1) Minimum age of 18 years**
- (2) Must be physically capable of performing all phases of the trade.**
- (3) Must provide proof such as social security card to demonstrate eligible working status in U.S.**
- (4) Complete a drug screen with negative results.**

- d. **Previously cancelled Apprentices may request direct entry into the program at their previous level. However, those terminated for cause must appear before the Apprenticeship Committee and provide satisfactory documentation that the conditions leading to their cancellation have been corrected. An Apprentice reentering the program will be evaluated by the Apprenticeship Committee and registered at the appropriate level based upon his/her knowledge, skills, and ability.**

All minimum qualifications will be waived except the following:

- (1) Minimum age of 18 years.**
- (2) Must be physically capable of performing all phases of the trade.**
- (3) Must provide proof such as social security card to demonstrate eligible working status in the U.S.**
- (4) Complete a drug screen with negative results.**

- f. **An individual registered as an apprentice with a state apprenticeship council or US Department of Labor Office of Apprenticeship approved program in an occupation covered by the OPCMIA may receive direct entry (transfer) into the apprenticeship program. All minimum qualifications will be waived except for the following:**

- (1) Minimum age of 18 years.**
- (2) Must be physically capable of performing all phases of the trade.**
- (3) Must provide proof such as social security card to demonstrate eligible working status in the U.S.**
- (4) Complete a drug screen with negative results.**

- g. **Provided they have not previously been cancelled by the Washington Cement Masons Apprenticeship, an individual who is currently a member in another classification of an OPCMIA Local affiliated with the program, and who has not previously completed the apprenticeship, may be granted direct entry into the program at the apprenticeship level recommended by the Apprenticeship Committee based on previous work experience.**

All minimum qualifications will be waived except the following:

- (1) Minimum age of 18 years.**
- (2) Must be physically capable of performing all phases of the trade.**

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- (3) Must provide proof such as social security card to demonstrate eligible working status in the U.S.
- (4) Complete a drug screen with negative results.

- i. An employee of a non-signatory employer in the cement mason industry not qualifying as journey level who makes application as the result of organizing efforts, whether or not the employer becomes signatory, shall be evaluated by the Apprenticeship Committee, and registered at the appropriate period of apprenticeship based on previous work experience and related training.

All minimum qualifications will be waived except the following:

- (1) Minimum age of 18 years.
- (2) Must be physically capable of performing all phases of the trade.
- (3) Must provide proof such as social security card to demonstrate eligible working status in the U.S.
- (4) Complete a drug screen with negative results.

10. EXEMPTIONS

~~An employee of a non-signatory employer in the cement mason industry not qualifying as journey level who makes application as the result of organizing efforts, whether or not the employer becomes signatory, shall be evaluated by the Apprenticeship Committee, and registered at the appropriate period of apprenticeship based on previous work experience and related training. All minimum qualifications will be waived except for the following:~~

- ~~(1) Minimum age of 18 years.~~
- ~~(2) Must be physically capable of performing all phases of the trade.~~
- ~~(3) Must provide proof such as social security card to demonstrate eligible working status in the U.S.~~

IV. TERM OF APPRENTICESHIP:

Areas 1 and 2:

~~The term of apprenticeship shall be 5400 hours of reasonably continuous employment, and not less than three (3) years for those registered prior to April 21, 2011.~~

The term of apprenticeship shall be 6400 hours of reasonably continuous employment, and not less than four (4) years for those registered on or after April 21, 2011.

Area 3:

~~The term of apprenticeship shall be 6400 hours of reasonably continuous employment, and not less than four (4) years for those registered on or after October 17, 2013.~~

V. INITIAL PROBATIONARY PERIOD:

B.

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Areas 1 & 2:

1. All apprentices employed in accordance with these standards shall be subject to a probationary period not exceeding the first 1080 hours of the term of apprenticeship.
2. ~~During this period, annulment of the apprenticeship agreement may be requested by the Apprenticeship Committee upon request of either party to the agreement.~~

VII. APPRENTICE WAGES AND WAGE PROGRESSION:

C. Wage Progression Schedules

All Area 1. There must be a minimum of 6 months time elapsed and 900 hours of OJT between promotions.

Step	Hour Range or competency step	Percentage of journey-level wage rate*
1	0000 - 0900 hours/0 - 6 months	60%
2	0901 - 1800 hours/7 - 12 months	65%
3	1801 - 2700 hours/13 - 18 months	70%
4	2701 - 3600 hours/19 - 24 months	80%
5	3601 - 4500 hours/25 - 30 months	90%
6	4501 - 5400 hours/31 - 36 months	95%
7	5401 - 6400 hours/37 - 48 months	95%

All Area 2 ~~and 3~~. There must be a minimum of 12 months time elapsed and 1600 hours of OJT between promotions.

Step	Hour Range or competency step	Percentage of journey-level wage rate*
1	0000 - 1600 hours/0-12 months	60%
2	1601 - 3200 hours/13-24 months	70%
3	3201 - 4800 hours/25-36 months	80%
4	4801 - 6400 hours/37-48 months	90%

All Areas:

All classifications for premium wages shall be paid at 100% to those apprentices working in any one of those premium wage classifications.

VIII. WORK PROCESSES:

A. Cement Mason Approximate Hours/Competency Level (Area 1 registered prior to April 21, 2011)

~~1. Paving~~

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a. Ribbons and screeds	760
b. Rodding.....	100
c. Finishing.....	800
(1) Floating	
(2) Edging	
(3) Brushing	
(4) Troweling (fresno or long handle)	
(5) Joints and jointing	
(6) Water and chemical curing	
d. Curb and gutter.....	400
(1) Setting and lining forms	
(2) Edging and brushing	
e. Paving float operation.....	20
f. Pervious concrete	40
(1) Strike off, manual or mechanical	
(2) Finish and compaction	
(3) Curing	

2. Building

a. Ribbons screeds.....	240
(1) Sidewalk	
(2) Floors	
(3) Concrete bases, precast, footings and concrete bases for wind, solar, geothermal and any other alternative energy sources.	
b. Rodding.....	100
c. Finishing.....	700
(1) Floating	
(2) Darbying	
(3) Troweling	
(4) Edging	
(5) Top application of color stone, dry shake and stain etc.	
(6) Water and chemical curing, and application of densifying materials and chemical solutions.	

3. Machine operation cement masons jurisdiction

a. Machine operation	400
(1) Troweling machines	
(2) Rodding machines	
(3) Grinders (smoothing and polishing concrete)	
(4) Saws (se up, control joints, decorative and preparation for repair)	
(5) Preparatory equipment (scabblers, scarifiers, chipping and brushing, shot and sand blasters, needle and other preparatory equipment)	
(6) Sanders (repair materials)	
b. Base and steps.....	240
(1) Setting grounds and risers	
(2) Stripping steps	

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(3) Facing coving	
(4) Tread setting	
e. Sacking and patching.....	360
Waterproofing, injection (epoxy and urethane), fiberwrap	
d. Drypacking	360
(1) Tie rods rock pockets	
(2) Window frames, etc.	
e. Magnesite, mastic, plastic, epoxy, cementitious, synthetic, toppings, overlayment and underlayment	780
(1) Wiring, setting screeds, joints, strips	
(2) Darbying	
(3) Cutting, filling, rodding, screeding by hand or walk behind equipment, traditionally done by Cement Masons, and compacting (Troweling Machine as pertains to polishable overlayments)	
(4) Ragging	
(5) Priming	
(6) Troweling, squeegeing, and gauge rakes	
(7) Cove and step work	
(8) Wainseoting	
(9) Sealers	
(10) Broadcast/Distribution of manufactured and natural aggregates by hand or walk behind equipment, traditionally done by Cement Masons	
(11) Smoothing and polishing	
f. Gunite, Shotcrete, and slip form wall.....	100
(1) Nozzle work	
(2) Finishing	

TOTAL HOURS:.....5400

**B. Cement Mason (Areas 1 & 2) Approximate Hours/Competency Level
(Areas 1 registered on or after April 21, 2011, and Areas 2 and 3.**

1. Paving.....	2300
a. Ribbons and screeds.....	800
b. Rodding.....	140
c. Finishing.....	800
(1) Floating	
(2) Edging	
(3) Brushing	
(4) Troweling (fresno or long handle)	
(5) Joints and jointing	
(6) Water and chemical curing	
<u>(7) Epoxy Grouting for Slip dowels and rebar</u>	
<u>(8) Joint Sealing</u>	
d. Curb and gutter.....	450
(1) Setting and lining forms	
(2) Edging and brushing	

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e.	Paving float operation.....	20
f.	Pervious concrete.....	80
	(1) Strike off, manual or mechanical	
	(2) Finish and compaction	
	(3) Curing	

2. Building.....1400

a.	Ribbons - screeds.....	290
	(1) Sidewalk	
	(2) Floors	
	(3) Concrete bases, precast, footings and concrete bases for wind, solar, geothermal and any other alternative energy sources.	
b.	Rodding.....	200
c.	Finishing.....	900
	(1) Floating	
	(2) Darbying	
	(3) Troweling	
	(4) Edging	
	(5) Top application of color stone, dry shake and stain etc.	
	(6) Water and chemical curing, and application of densifying materials and chemical solutions.	

3. Machine operation cement masons jurisdiction.....2700

a.	Machine operation.....	600
	(1) Troweling machines	
	(2) Rodding machines	
	(3) Grinders (smoothing and polishing concrete)	
	(4) Saws <u>and Joint Sealing</u> (setup, control joints, decorative and preparation for repair)	
	(5) Preparatory equipment (scabblers, scarifiers, chipping and brushing, shot and sand blasters, needle and other preparatory equipment)	
	(6) Sanders (repair materials)	
b.	Base and steps.....	240
	(1) Setting grounds and risers	
	(2) Stripping steps	
	(3) Facing - coving	
	(4) Tread setting	
c.	Sacking, <u>and patching, and skim coating</u>	460
	<u>Waterproofing, injection (epoxy and urethane), fiberwrap</u>	
d.	Drypacking, <u>concrete repair and structural reinforcement</u>	360
	(1) Tie rods - rock pockets - <u>grouting - post tension and structural repair</u>	
	(2) Window frames, etc.	
	(3) <u>Waterproofing, injection (epoxy and urethane), fiberwrap, (CFRP)</u>	
e.	Magnesite, mastic, plastic, epoxy, cementitious, synthetic, toppings, <u>traffic coatings, overlayment and underlaying and seamless composition floors</u>	960
	(1) Wiring, setting screeds, joints, strips	
	(2) Darbying	

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- (3) Cutting, filling, rodding, screeding by hand or walk behind equipment, traditionally done by Cement Masons, and compacting (Troweling Machine – as pertains to polishable overlays)
- (4) Ragging
- (5) Priming and moisture mitigation systems
- (6) Troweling, squeegeing and gauge rakes
- (7) Cove and step work
- (8) Wainscoting
- (9) Sealers
- (10) Broadcast/Distribution of manufactured and natural aggregates by hand or walk behind equipment, traditionally done by Cement Masons
- (11) Smoothing, grinding, honing and polishing
- f. Gunite, Shotcrete, and slip form wall.....100
 - (1) Nozzle work
 - (2) Finishing

TOTAL HOURS: 6400

IX. RELATED/SUPPLEMENTAL INSTRUCTION:

A. The methods of related/supplemental training must be indicated below (check those that apply):

☒ Supervised field trips

☒ Sponsor approved training seminars (specify): **Provided by vendors, manufacturers, and other industry experts as available.**

☐ Sponsor approved online or distance learning courses (specify)

☒ State Community/Technical College
Area 1 - South Seattle Community College, Georgetown Branch.
Area 2 and 3 - Spokane Community College

☐ Private Technical/Vocational college

☒ Sponsor Provided (lab/classroom)

☐ Other (specify):

B. **160** Minimum RSI hours per year defined per the following [see WAC 296-05-015(6)]:

☐ Twelve-month period from date of registration.*

☒ Defined twelve-month school year: September through JuneAugust.

☐ Two-thousand hours of on the job training.

X. ADMINISTRATIVE/DISCIPLINARY PROCEDURES:

A. Administrative Procedures:

3. Sponsor Procedures:

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The Washington Cement Masons Apprenticeship Committee delegates all administrative and disciplinary responsibilities for apprentices working in Areas 2-and-3 to the Eastern WA/Northern ID Cement Masons Subcommittee. The cancellation procedure policy of the subcommittee is subject to the approval of the "main" committee.