For L&I Staff Use Only AB/30/23 Feri Gardner 8-30-23			
FH8/30/23	Teri Gardner 8-30-23		
CA19/6/23	Teri Gardner 9-6-23		
L&I Apprenticeship Consultant	L&I Admin		

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



# Request for Revision of Standards

TO: Washington State Apprenticeship & Training Council

## FROM: WASHINGTON STATE UBC JATC - 128

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

- Additions shall be underlined (<u>underlined</u>).
- Deletions shall be struck through (struck through).
- See attached.

## Form must be signed by Committee Chair and Secretary or Program's Authorized Signer

☐ Chair ⊠ Authorized Signer	Date 09/06/23	Secretary	Date
Print Name: Paula Resa		Print Name:	
Signature:		Signature:	

Approved By:
Washington State Apprenticeship & Training Council
Signature of Secretary of the WSATC:
Date:

Attach additional sheets if necessary

Occupational Objective(s):	<u>SOC#</u>	Term [WAC 296-05-015]
FLOOR INSTALLATION	<u>47-2042.00</u>	8000 HOURS

### IV. <u>TERM OF APPRENTICESHIP</u>:

A. Boat Builder, Cabinet Maker, Carpenter, <u>Floor Installation</u>, Piledriver, Bridge Dock & Wharf Builder, Carpenter/Scaffold Erector, Lathing, Acoustical and Drywall Systems Installers, Maintenance Carpenter, Millwright, Residential Carpenter and Shipwright.

### V. INITIAL PROBATIONARY PERIOD:

C. All apprentices employed in accordance with these Standards shall be subject to a probationary period not exceeding the following:

Occupation	
Boat Builder	1,300 hours
Cabinet Maker	1,300 hours
Carpenter	1,300 hours
Piledriver, Bridge, Dock & Wharf Builder	1,300 hours
Carpenter, Scaffold Erector	1,300 hours
Drywall Finisher (Taper)	650 hours
Floor Installation	<u>1,300 hours</u>
Insulation Applicator	650 hours
Lathing, Acoustical and Drywall Systems Installer	1,300 hours
Maintenance Carpenter	1,300 hours
Millwright	1,300 hours
Residential Carpenter	1,300 hours
Shipwright	1,300 hours

#### VII. <u>APPRENTICE WAGES AND WAGE PROGRESSION:</u>

### C.

Boat Builder, Carpenter, <u>Floor Installation</u>, Piledriver, Bridge Dock & Wharf Builder, Carpenter/Scaffold Erector, Lathing, Acoustical and Drywall Systems Installers, Maintenance Carpenter, Millwright, Residential Carpenter and Shipwright.

## VIII. WORK PROCESSES:

[*Please adjust numbering accordingly*]

D.	Floor Installation	Approximate Hours
<u>1.</u>	Core Skills: Care and use of tools, safety, clean up	
2.	Preparation: Demo, Substrate installation, patching cleaning, leveling, environmental, conditions, grinding, sanding,	
3.	Materials: Handling, job staging, roll sequencing, jobsite documentation, material disposal	
<u>4.</u>	Layout & Installation: repairing, adhering, nailing, caulking, seaming, Trowling, joining, sewing, cutting, fitting, binding	

#### 

#### Total Hours: 8000

## XII. <u>SUBCOMMITTEE:</u>

### Washington Millwright Sub-Committee:

The employer representatives shall be:

<del>Martin Bradley, Chair</del> <del>P.O. Box 13157</del> <del>Mill Creek, WA 98082-1157</del>

Randy Manthey Dresser-Rand 225 S. Lucile St. Scattle, WA 98108

Christopher Jones, Alternate APM/ GE Power Services 3225 Pasadena Blvd. Pasadena, TX 77503

The employee representatives shall be:

Dave Quinn, Secretary 515 Neel St. Ste. 101 Kennewick, WA 99336 Edwin Marston 515 Neel St. Ste. 101 Kennewick, WA 99336

**Brandon Souza** 

225 N. Hill Blvd.

2316 S. State St.

**Tacoma, WA 98405** 

Burlington, WA 98233

**Ron Hubacka, Alternate** 

**General Mechanical Inc.** 

**Universal Plant Services, Inc.** 

Jeremiah Johnson 1636 E. Burnside St. Portland, OR 97214

## Eastern Washington/Northern Idaho Sub-Committee:

The employer representatives shall be:

Marty Barth, Chair 11001 E. Montgomery Dr. Spokane, WA 99206

James Welsh 4114 E. Broadway Brad Mickelson P.O. Box 13660 Spokane, WA 99213

Brad Mickelson P.O. Box 13660

#### Spokane, WA 99213

Tim Mennealy, Alternate Western Partitions Inc. 26055 SW. Canyon Creek Rd. Wilsonville, OR 97070

The employee representatives shall be:

Sheldon Bennett, Secretary 127 E. Augusta, Ste. 103 Spokane, WA 99207

Antonio Acosta 515 N. Neel St., Ste. B101 Kennewick, WA 99336 Spokane, WA 99213

Brad DePew, Alternate 6621 E. Mission Spokane, WA 99202

Dan Sivertson 127 E. Augusta Ave Ste. 103 Spokane, WA 99207

#### Lathing, Acoustical & Drywall Systems (LADS) Sub-Committee:

The employer representatives shall be:

Marty Cope, Chair Western Partitions, Inc. 14407 32<sup>nd</sup> St. E., Ste. 100 Sumner, WA 98390

Gary Rothfus Northwest Partitions Inc. 6507 S. 208<sup>th</sup> St. Kent, WA 98032

Dale Graves, Alternate Alliance Partitions 18824 Smokey Point Blvd., Ste. 101 Arlington, WA 98223

The employee representatives shall be:

Jamal Middlebrooks, Secretary Pacific NW Regional Council of Carpenters 25120 Pacific Highway S., Ste. 200 Kent, WA 98032

Jesse Cervantes Pacific NW Regional Council of Carpenters 25120 Pacific Highway S., Ste. 200 Kent, WA 98032 Greg Knutson GK Knutson Inc. 2232 Pacific St. Bellingham, WA 98229

Tony Vranich Expert Drywall, Inc. 19926-A Broadway Ave., Stc. 100 Snohomish, WA 98296

Jennifer Averman, Alternate GK Knutson Inc. 2232 Pacific St. Bellingham, WA 98229

Jose Juarez Pacific NW Regional Council of Carpenters 25120 Pacific Highway S., Ste. 200 Kent, WA 98032

Lisandro Vela Pacific NW Regional Council of Carpenters 25120 Pacific Highway S., Ste. 200 Kent, WA 98032

#### Washington Millwright Sub-Committee: [this subcommittee is in the Standards twice; delete both]

The employer representatives shall be:

Martin Bradley, Chair P.O. Box 13157 Mill Creek, WA 98082-1157

Randy Manthey Dresser-Rand 225 S. Lucile St. Seattle, WA 98108 Brandon Souza Universal Plant Services, Inc. 225 N. Hill Blvd. Burlington, WA 98233

Ron Hubacka, Alternate General Mechanical Inc. 2316 S. State St. Tacoma, WA 98405

Christopher Jones, Alternate APM/GE Power Services 3225 Pasadena Blvd. Pasadena, TX 77503

The employee representatives shall be:

Dave Quinn, Secretary 515 Neel St. Ste. 101 Kennewick, WA 99336 Brandon Souza Universal Plant Services. Inc. 225 N. Hill Blvd. Burlington, WA 98233

Scott Schaefer 1636 E. Burnside St. Portland, OR 97214

#### Washington Piledriver Sub-Committee:

The employer representatives shall be:

Glenn Olson, Chair Kiewit Infrastructure West Co. Kiewit Bridge & Marine 33455 6<sup>th</sup> Ave S. Federal Way, WA 98003

Eric Reichelt Pacific Pile & Marine, L.P. 700 S. Riverside Dr. Seattle, WA 98108

The employee representatives shall be: Jesse Scott-Kandoll, Secretary Pacific NW Regional Council of Carpenters 4695 Pacific Highway E. Logan Gaylord Global Diving & Salvage Inc. 3840 W. Marginal Way SW. Scattle, WA 98106

Bradley Morlock Orion Marine 1112 E. Alexander Ave. Tacoma, WA 98412

Jeff Thorson Pacific NW Regional Council of Carpenters 4695 Pacific Highway E.

F100-030-000 Request for Revision of Standards 01-2022

Fife, WA 98424

Tim Quinn Pacific NW Regional Council of Carpenters 4695 Pacific Highway E. Fife, WA 98424 Fife, WA 98424

Ryan Hyke Pacific NW Regional Council of Carpenters 25120 Pacific Highway S. Kent, WA 98032

## For L&I Staff Use Only

By Evan Hamilton at 11:06 am, Aug 30, 2023

L&I Apprenticeship Consultant

RECEIVED

Teri Gardner 8-30-23 L&I Admin

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



## Apprenticeship Related/Supplemental Instruction (RSI) Plan Review

	(August 2023)
Total RSI Hours	
640	
·	

By the signature placed below, the **program sponsor** agrees to provide the prescribed RSI for each registered apprentice and assures that:

- 1. The RSI content and delivery method is and remains reasonably consistent with the latest occupational practices, improvements, and technical advances.
- 2. The RSI is coordinated with the on-the-job work experience.
- 3. The RSI is provided in safe and healthful work practices in compliances with WISHA and applicable federal and state regulations.
- 4. The RSI Plan is maintained, updated and submitted to the Department a minimum of once every 5 years (WSATC Policy 2015-01; rev, 10-21-21).
- 5. The RSI will be conducted by instructors who meet the qualification of the "competent instructor" as described in WAC 296-05-003:
  - a. Has demonstrated a satisfactory employment performance in her/her occupation for a minimum of three years beyond the customary learning period for that occupation; and
  - b. Meets the State Board for Community and Technical Colleges requirements for a professional technical instructor (see WAC 131-16-080 through -094), or be a subject matter expert, which is an individual, such as a journey worker, who is recognized within the industry as having expertise in a specific occupation; and
  - c. Has training in teaching techniques and adult learning styles, which may occur before or within one year after the apprenticeship instructor has started to provide the related technical instruction.
- 6. If using alternative forms of instruction, such as correspondence, electronic media, or other self-study, instruction shall be clearly defined.

## Signatures on next page

## Form must be signed by Committee Chair and Secretary or Program's Authorized Signer

Chair Chair	Date 08/21/2023	Secretary	Date
🖂 Authoriz			
Print Name:		Print Name:	
Paula Resa	1 1 1		
Signature:	a Olera	Signature:	
Jun.	at unan		

Training Provider Signature	
Approved By (Print Name):	
Paula Resa	
Signature of the Training Provider:	Suntallean
Date:	
08/21/2023	

If additional training providers are needed, go to page 4.

## SBCTC

Print Name:	Title:	
Genevieve Howard	Policy Associate	
Signature of the Program Administrator:		
Date:		
10/06/2023		
SBCTC recommends approval	SBCTC recommends return to sponsor	

Program Name	Occupational Objective
WA State UBC JATC #128	Floor Installation

*Note:* The description of each element must be in sufficient detail to provide adequate information for review by the SBCTC and Review Committee. To add more elements, click on the plus sign that appears below the "Description of Element/Course" field.

### Describe minimum hours of study per year in terms of (check one):

- □ 12-month period from date of registration.
- $\boxtimes$  Defined 12-month school year.
- □ 2,000 hours of on-the-job training.

Element/Course: Introduction to Floor Laying (Year 1)	Planned Hours: 40
Mode of Instruction (check all that apply)	
🖾 Classroom 🛛 Lab 🖾 Online 🗆 Self-Study	
Provided by: Northwest Carpenters Institute (NWCI)	
Description of element/course:	
This is week 1 for the floor installation curriculum. Students will learn the basics	for both safety on the jobsite
and at their training facility. Complete OSHA 10, learn to identify and use both h	and and power tools used in
the floor laying industry as well as identify materials commonly used in the indus	try. They will complete a unit
on financial literacy and employability skills for the trades.	
Element/Course: Substrate Preparation (Year 1)	Planned Hours: 40
Mode of Instruction (check all that apply)	
🖾 Classroom 🛛 Lab 🖾 Online 🗆 Self-Study	
Provided by: Northwest Carpenters Institute (NWCI)	
Description of element/course:	
This is week 2 for the floor installation curriculum. This course focuses on the su	
flooring product or process. Students will learn the most effective ways to remed	iate imperfections or
contaminants. Special focus is given to using Portland-based cementitious and C	Sypsum-based patching
compounds. Wood underlayment installation and issues are discussed as well a	s quantitative and qualitative
moisture test procedures reviewed.	
Element/Course: Adhesives & Layout Fundamentals (Year 1)	Planned Hours: 40
Mode of Instruction (check all that apply)	
🖾 Classroom 🛛 Lab 🖾 Online 🗆 Self-Study	

Provided by: Northwest Carpenters Institute (NWCI)

Description of element/course:

This is week 3 for the floor installation curriculum. This course focuses on the types of adhesives used in floor covering and application methods. Those concepts will be utilized in the installation of square resilient tile. A straight lay installation, as well as, a 45-degree installation will be performed.

Element/Course: Wall Base (Year 1)	Planned Hours: 40	
Mode of Instruction (check all that apply)		
🛛 Classroom 🛛 Lab 🖾 Online 🗀 Self-Study		
Provided by: Northwest Carpenters Institute (NWCI)		
Description of element/course:		
This is week 4 for the floor installation curriculum. This course focuses on the val	rious types of wall base	
installations related to common straight and toed wall base, as well as specialty a millwork base, tapered base, contoured base, stackable trim molding, sanitary ba Proper cutting, gluing and installation processes will be covered.		

Element/Course: Introduction to Resilient Flooring (Year 2)	Planned Hours: 40
Mode of Instruction (check all that apply)	
☐ Classroom ☐ Lab ☐ Online ☐ Self-Study	
Provided by: Northwest Carpenters Institute (NWCI)	
Description of element/course: This is week 5 for the floor installation curriculum. The course will focus on the	different types of resilient
flooring materials and tools common to most installation scenarios such as hor	
rubber products. Students will learn and practice the common installation tech	
products.	
Element/Course: Complex Layouts (Year 2)	Planned Hours: 40
Mode of Instruction (check all that apply)	- ·
🖾 Classroom 🛛 Lab 🖾 Online 🗀 Self-Study	
Provided by: Northwest Carpenters Institute (NWCI)	
Description of element/course:	inciples appountered in
This is week 6 for the floor installation curriculum. Students will focus on the pr	
complex layouts for flooring installations. Large projects such as basketball could be scaled down to create mockups for shop projects. Students will be taught m	
create to scale drawings as well as the processes needed to install the project	
fundamental to the skills and abilities of an accomplished floor layer.	
Element/Course: Resilient Linoleum (Year 2)	Planned Hours: 40
Mode of Instruction (check all that apply)	
⊠ Classroom ⊠ Lab ⊠ Online □ Self-Study	
Provided by: Northwest Carpenters Institute (NWCI)	
Description of element/course: This is week 7 for the floor installation curriculum. This course will focus on the	principles of lipoleum
installation and seaming. It begins by addressing the processes used to cut, fit	
concludes by how seams are created and sealed. Students will also learn how	
plan for a linoleum installation. They will have a review of the history of linoleur	
and its uses in the flooring industry.	,
Element/Course: Carpet Glue-Down Installation (Year 2)	Planned Hours: 40
Mode of Instruction (check all that apply)	
Classroom Lab Online Self-Study	
Provided by: Northwest Carpenters Institute (NWCI) Description of element/course:	
This is week 8 for the floor installation curriculum. This course will focus primar	ily on the introduction to
carpet installation. Students will be introduced to the tools needed to lay carpe	•
and how they are best laid out, cut and seamed in the field. This class will focu	
will also cover the techniques and tools commonly used to stretch-in installatio	
how to match patterns for a successful installation.	57
Element/Course: Carpet Stretch-in Installation (Year 3)	Planned Hours: 40
Mode of Instruction (check all that apply)	
Classroom Lab Online Self-Study	
Provided by: Northwest Carpenters Institute (NWCI) Description of element/course:	
This is week 9 for the floor installation curriculum. The course will review and b	uild on many of the
fundamental principles of carpet installation as discussed in week 8. However,	•
stretch-in installation as opposed to a glue-down installation. Hot melt seaming	
system and how to properly make T-seams.	

Element/Course: Introduction to Flash Cove (Year 3)	Planned Hours: 40		
Mode of Instruction (check all that apply)			
☐ Classroom ☐ Lab ☐ Online ☐ Self-Study			
Provided by: Northwest Carpenters Institute (NWCI)			
Description of element/course: This is week 10 for the floor installation curriculum. This is the first course in a series to cover the many different processes and techniques applicable to a flash coved installation. The class will focus on proper cove cap and cove stick installation, an understanding of the concepts of flash coved installation, also known as integrated base installation. The class intends to serve as an important step in understanding the fundamentals, terminology and skills required in all flash-coved installations, such as T-templates, pattern- scribed, boot plug and sheet installations, with a contrast to the full patterned method.			
Element/Course: Resilient II Flash Cove (Year 3)	Planned Hours: 40		
Mode of Instruction (check all that apply)			
🛛 Classroom 🖾 Lab 🖾 Online 🗆 Self-Study			
Provided by: Northwest Carpenters Institute (NWCI)			
Description of element/course: This is week 11 for the floor installation curriculum. This course will b courses, to utilize the concepts to complete a flash cove installation with vinyl sheet goods. The boot-plug and V-plug outside corner opti	using the hand-fit method when working		
Element/Course: Advanced Heat Welding (Year 3) Mode of Instruction (check all that apply)	Planned Hours: 40		
$\boxtimes$ Classroom $\boxtimes$ Lab $\boxtimes$ Online $\square$ Self-Study			
Provided by: Northwest Carpenters Institute (NWCI)			
Description of element/course:			
This is week 12 for the floor installation curriculum. This course focuses on advanced heat welding processes and the methods required for more complex tasks such as welded seam intersections, difficult flash cove situations and curved or circular seams. These advanced welding techniques along with how to cold weld rubber and other resilient flooring seams will be covered.			
processes and the methods required for more complex tasks such as flash cove situations and curved or circular seams. These advanced	s welded seam intersections, difficult		
processes and the methods required for more complex tasks such as flash cove situations and curved or circular seams. These advanced cold weld rubber and other resilient flooring seams will be covered.	s welded seam intersections, difficult welding techniques along with how to		
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processes and the methods required for more complex tasks such as flash cove situations and curved or circular seams. These advanced cold weld rubber and other resilient flooring seams will be covered. <u>Element/Course: Resilient Stairs (Year 4)</u> Mode of Instruction (check all that apply) Classroom ⊠ Lab ⊠ Online □ Self-Study Provided by: Northwest Carpenters Institute (NWCI) Description of element/course: This is week 13 for the floor installation curriculum. The course will for work site for stair installations. Students will learn the importance of p and cutting. They will also be taught how to perform tasks accurately materials such as sheets of resilient flooring or standard prefabricate Explanations are provided for how to install single piece tread and ris of stair nosing, including those of angular ADA profile and how to flast	s welded seam intersections, difficult welding techniques along with how to Planned Hours: 40 pocus on how to plan and prepare the precise measuring and careful scribing and efficiently for various common of stringers, treads and risers. Ser sections on steps with various types sh cove resilient flooring on stairs.		
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	Planned Hours: 40
Mode of Instruction (check all that apply)	
⊠ Classroom ⊠ Lab ⊠ Online □ Self-Study	
Provided by: Northwest Carpenters Institute (NWCI)	
Description of element/course:	
This is week 15 for the floor installation curriculum. A well-rounded	I floor layer must be familiar with the
techniques required for installing carpet on stairs whether they be	,
course will explain how to install carpet on floating stairs, winder st	
stairs. It will also briefly cover the more intricate carpet tile installat	
	וטווס נוומנ וווע גב בווכטעוונבובט ווו נווב וובוט.
Element/Course: Custom Inserts (Year 4)	Planned Hours: 40
Element/Course: Custom Inserts (Year 4) Mode of Instruction (check all that apply)	
Element/Course: Custom Inserts (Year 4) Mode of Instruction (check all that apply) Image: Classroom Image: Contine Image: Self-Study	
Element/Course: Custom Inserts (Year 4) Mode of Instruction (check all that apply) Classroom Lab Online Self-Study Provided by: Northwest Carpenters Institute (NWCI)	
Element/Course: Custom Inserts (Year 4) Mode of Instruction (check all that apply) Image: Classroom Image:	Planned Hours: 40

This is week 16 for the floor installation curriculum. Resilient installations may involve a wide array of colorful symbols, complex designs or other permanent markings as a custom inset used for visual appeal or identity to the use of the building, room or area. This class focuses on the placement of the precisely laid out outlines and circles that may be specified under these circumstances. These challenging installations will be accomplished in the process of a test-out procedure.

## Additional Training Providers (if necessary)

Click or tap here to enter text. Print Name Training Provider

Click or tap here to enter text. Title of Training Provider

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Print Name Training Provider

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Title of Training Provider

Signature of Training Provider

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F100-520-000 Apprenticeship Related/Supplement Instruction (RSI) Plan Review 01-2022



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



## Journey Level Wage Rate

From which apprentices' wage rates are computed

TO: Washington State Apprenticeship & Training Council

## FROM: Washington State UBC JATC #128

Occupation:	County(ies):	Journey Level Wage Rate:	Effective Date:
FLOOR INSTALLATION	ALL COUNTIES IN WASHINGTON STATE AND IDAHO.	\$45.04	06/01/23
	*	\$	
		\$	
		\$	

Sponsors must submit the journey-level wage at least annually or whenever changed to the Department.

## Form must be signed by Committee Chair and Secretary or Program's Authorized Signer

Chair X Authorized Signer	Date 08/21/2023	Secretary	Date
Print Name: Paula Resa		Print Name:	
Signature: Jewla Rean		Signature:	