



REQUEST FOR REVISION OF STANDARDS

L&I apprenticeship coordinator

TO: Washington State Apprenticeship & Training Council

From: **NORTHWEST LABORERS APPRENTICESHIP COMMITTEE (PROGRAM #71)**
(NAME OF PROGRAM STANDARDS)

Please update our standards to reflect the following changes:

Delete sections VIII. A. and VIII. B. in their entirety, and replace them with the following:
The following work processes are as they pertain to the trade herein defined.

A. Laborer (APPRENTICES REGISTERED PRIOR TO JUNE 1, 2012)

APPROXIMATE HOURS

- 1. Core Competencies.....2000
 - a. **Site/Project Preparation and Maintenance**
Clearing, bucking, and falling
Transportation, dismantling, and stockpiling of scaffolding and work platforms.
Grading and compaction (**work traditionally performed by construction craft laborers**).
Install, maintain erosion control systems
Layout and staking protocols.
Hoisting, rigging and signaling for work traditionally performed by construction craft laborers.
Site preparation, clean-up, and security.
 - b. **Tools, Equipment and Materials**
Tools, equipment, and material recognition and preparation.
Hand, electric, gas, pneumatic, and power tool/equipment (**i.e., mortar mixer, walk-behind saw, sand blast pot, power driven wheelbarrow, aerial lift, etc. . . .**) use and maintenance.
Tool, equipment, and material storage and security.
 - c. **Safety**
Confined space safety.
Fire watch.
Traffic control/flagging, signing, and traffic safety awareness.
Hazard material recognition.
Trenching and site excavation.

2. Areas of Concentration.....2000

Apprentices are to gain experience in one or more of the following areas of concentration or work groups.

- a. **Environmental Remediation**
Asbestos Abatement
Hazardous Waste Abatement
Lead Abatement
Petro-Chemical Abatement
Radiation Remediation
Weatherization

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- b. Building Construction
Concrete (mixing, placement, vibration of concrete, removal)
Erect scaffolding, shoring and braces Scaffold/shoring erection, inspection, dismantling, transportation, and cleaning.
Concrete sawing, cutting (to exclude concrete finishing processes), and coring
Material handling, stocking, cleaning, and storage
Dewatering systems installation by hand, hand carried pump installation, operation and maintenance
- c. Heavy/Highway and Utility Construction
Asphalt (work traditionally performed by construction craft laborers)
Drilling, Highscaling and Blasting
Grade Checking
Pipe Laying (work traditionally performed by construction craft laborers)
Install and maintain erosion control systems
Dewatering systems installation by hand, hand carried pump installation, operation and maintenance
- d. Tunneling
Safety – TBM and conventional
Install tunnel supports (steel ribs, lagging, mesh, segments, rings, hand drilling, rock bolts)
Install services (track laying, conveyors, vents, water, compressed air pipes etc.)
Concrete placement, small portable pump operation and maintenance
Shaft and tunnel grouting
Dewatering systems installation by hand, hand carried pump installation, operation and maintenance
Shotcrete/gunite application and cleanup
- e. Pipeline
Trenching and excavation by hand
Grade setting/checking [Excluding the pipe, hanger systems, and ditch grade]
Clearing and maintaining the right of way (ROW) by hand, ROW remediation
Build and dismantle fences
Install and maintain erosion control systems
Locating utilities
Load, unload and place skids by hand [Excluding the fabrication area]
Load/unload pipe Hooking and unhooking of pipe, and work in connection with the distribution of pipe
PPipe preparation, sandblasting, coating, wrapping, and cleanup [Not done in connection with the preparation or completion of the welding process]
“Pig” the pipe “Dressing the Pig”
- f. Masonry
Mason tending
Plaster tending
Refractory and/ industrial tending support
Fireproofing, Tarping, application, and cleanup
Pump operation, maintenance and cleanup
Erect scaffolding, shoring and braces Scaffold erection, inspection, stockpiling, dismantling and transportation.
Forklift operation and safety
- g. Landscaping
Layout, planting and staking
Spreading, grading, and compaction with hand tools or walk behind equipment
Falling, trimming, and pruning hedges, trees and shrubs

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- h. Demolition/Deconstruction
 Cutting and burning (work traditionally performed by construction craft laborers)
 Fire watch
 Aerial lift operation
 Concrete sawing, cutting, breaching and breaking
 Demolition debris handling and management (recycling, reused, disposal)

Total Hours: 4000

B. Laborer (APPRENTICES REGISTERED BEGINNING JUNE 1, 2012)

APPROXIMATE HOURS

1. Core Competencies.....4000

- a. Site/Project Preparation and Maintenance
 Clearing, bucking, and falling
 Transportation, dismantling, and stockpiling of scaffolding and work platforms.
 Grading and compaction (work traditionally performed by construction craft laborers).
 Install, maintain erosion control systems
 Layout and staking protocols.
 Hoisting, rigging and signaling for work traditionally performed by construction craft laborers.
 Site preparation, clean-up, and security.
- b. Tools, Equipment and Materials
 Tools, equipment, and material recognition and preparation.
 Hand, electric, gas, pneumatic, and power tool/equipment (i.e., mortar mixer, walk-behind saw, sand blast pot, power driven wheelbarrow, aerial lift, etc. . . .) use and maintenance.
 Tool, equipment, and material storage and security.
- c. Safety
 Confined space safety.
 Fire watch.
 Traffic control/flagging, signing, and traffic safety awareness.
 Hazard material recognition.
 Trenching and site excavation.

2. Areas of Concentration.....2000

Apprentices are to gain experience in one or more of the following areas of concentration or work groups.

- a. Environmental Remediation
 Asbestos Abatement
 Hazardous Waste Abatement
 Lead Abatement
 Petro-Chemical Abatement
 Radiation Remediation
 Weatherization
- b. Building Construction
 Concrete (mixing, placement, vibration of concrete, removal)
Erect scaffolding, shoring and braces Scaffolding/shoring erection, inspection, dismantling, transportation, and cleaning.
 Concrete sawing, cutting(to exclude concrete finishing processes), and coring
 Material handling, stocking, cleaning, and storage
 Dewatering systems installation by hand, hand carried pump installation, operation and maintenance

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c. Heavy/Highway and Utility Construction

Asphalt (work traditionally performed by construction craft laborers)

Drilling, Highscaling and Blasting

Grade Checking

Pipe Laying (work traditionally performed by construction craft laborers)

Install and maintain erosion control systems

Dewatering systems installation by hand, hand carried pump installation, operation and maintenance

d. Tunneling

Safety – TBM and conventional

Install tunnel supports (steel ribs, lagging, mesh, segments, rings, drilling, rock bolts)

Install services (track laying, conveyors, vents, water, compressed air pipes etc.)

Concrete placement, Small portable pump operation and maintenance

Shaft and tunnel grouting

Dewatering systems installation by hand, hand carried pump installation, operation and maintenance

Shotcrete/gunite application and cleanup

e. Pipeline

Trenching and excavation by hand

Grade setting/checking [Excluding the pipe, hanger systems and ditch grade]

Clearing and maintaining the right of way (ROW) by hand, ROW remediation

Build and dismantle fences

Install and maintain erosion control systems

Locating utilities

Load, unload and place skids by hand [Excluding the fabrication area]

Load/unload pipe Hooking and unhooking of pipe, and work in connection with the distribution of pipe

Pipe preparation, sandblasting, coating, wrapping, and cleanup [Not done in connection with the preparation or completion of the welding process]

"Pig" the pipe "Dressing the Pig"

f. Masonry

Mason tending

Plaster tending

Refractory and/ industrial tendingsupport

Fireproofing, Tarping, application, and cleanup

Pump operation, maintenance and cleanup

Erect scaffolding, shoring and braces Scaffold erection, inspection, stockpiling, dismantling and transportation.

Forklift operation and safety

g. Landscaping

Layout, planting and staking

Spreading, grading, and compaction with hand tools or walk behind equipment

Falling, trimming, and pruning hedges, trees and shrubs

h. Demolition/Deconstruction

Cutting and burning (work traditionally performed by construction craft laborers)

Fire watch

Aerial lift operation

Concrete sawing, cutting, breaching and breaking

Demolition debris handling and management (recycling, reused, disposal)

Total Hours

6000

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| Authorized signatures (chr.) | Approved by: Washington State Apprenticeship & Training Council |
| (sec.) | Secretary of WSATC: |
| date: | date: |

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- Grading and compaction.
- Install, maintain erosion control systems
- Layout and staking protocols.
- Hoisting, rigging and signaling for work traditionally performed by construction craft laborers.
- Site preparation, clean-up, and security.

b. Tools, Equipment and Materials

- Tools, equipment, and material recognition and preparation.
- Hand, electric, gas, pneumatic, and power tool/equipment use and maintenance.
- Tool, equipment, and material storage and security.

c. Safety

- Confined space safety.
- Fire watch.
- Traffic control/flagging, signing, and traffic safety awareness.
- Hazard material recognition.
- Trenching and site excavation.

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2. Areas of Concentration.....2000

Apprentices are to gain experience in one or more of the following areas of concentration or work groups.

a. Environmental Remediation

- Asbestos Abatement
- Hazardous Waste Abatement
- Lead Abatement
- Petro-Chemical Abatement
- Radiation Remediation
- Weatherization

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b. Building Construction

- Concrete (mixing, placement, vibration of concrete, removal)
- Scaffold/shoring erection, inspection, dismantling, transportation, and cleaning.
- Concrete sawing, cutting, and coring
- Material handling, stocking, cleaning, and storage
- Dewatering, pump installation, operation and maintenance

c. Heavy/Highway and Utility Construction

Asphalt

Drilling, Highscaling and Blasting

Grade Checking

Pipe Laying (work traditionally performed by construction craft laborers)

Install and maintain erosion control systems

Dewatering, pump installation, operation and maintenance

d. Tunneling

Safety – TBM and conventional

Install tunnel supports (steel ribs, lagging, mesh, segments, rings, drilling, rock bolts)

Install services (track laying, conveyors, vents, water, compressed air pipes etc.)

Concrete placement, pump operation and maintenance

Shaft and tunnel grouting

Dewatering, pump installation, operation and maintenance

Shotcrete/gunite application and cleanup

e. Pipeline

Trenching and excavation

Grade setting/checking

Clearing and maintaining the right of way (ROW), ROW remediation

Build and dismantle fences

Install and maintain erosion control systems

Locating utilities

Load, unload and place skids

Load/unload pipe

Pipe preparation, sandblasting, coating, wrapping, and cleanup

"Pig" the pipe

f. Masonry

Mason tending

Plaster tending

Refractory / industrial support

Fireproofing, tarping, application, and cleanup

Pump operation, maintenance and cleanup

Scaffold erection, inspection, stockpiling, dismantling and transportation.

Forklift operation and safety

g. Landscaping

Layout, planting and staking

Spreading, grading, and compaction

Falling, trimming, and pruning hedges, trees and shrubs

h. Demolition/Deconstruction

Cutting and burning (work traditionally performed by construction craft laborers)

Fire watch

Aerial lift operation

Concrete sawing, cutting, breaching and breaking

Demolition debris handling and management (recycling, reused, disposal)

Total Hours:

4000

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B. Laborer (APPRENTICES REGISTERED BEGINNING JUNE 1, 2012)

APPROXIMATE HOURS

1. Core Competencies.....4000

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- Grading and compaction.
- Install, maintain erosion control systems
- Layout and staking protocols.
- Hoisting, rigging and signaling for work traditionally performed by construction craft laborers.
- Site preparation, clean-up, and security.

b. Tools, Equipment and Materials

- Tools, equipment, and material recognition and preparation.
- Hand, electric, gas, pneumatic, and power tool/equipment use and maintenance.
- Tool, equipment, and material storage and security.

c. Safety

- Confined space safety.
- Fire watch.
- Traffic control/flagging, signing, and traffic safety awareness.
- Hazard material recognition.
- Trenching and site excavation.

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Apprentices are to gain experience in one or more of the following areas of concentration or work groups.

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- Concrete (mixing, placement, vibration of concrete, removal)
- Scaffold/shoring erection, inspection, dismantling, transportation, and cleaning.
- Concrete sawing, cutting, and coring
- Material handling, stocking, cleaning, and storage
- Dewatering, pump installation, operation and maintenance

c. Heavy/Highway and Utility Construction

- Asphalt
- Drilling, Highscaling and Blasting
- Grade Checking
- Pipe Laying (work traditionally performed by construction craft laborers)
- Install and maintain erosion control systems
- Dewatering, pump installation, operation and maintenance

d. Tunneling

- Safety – TBM and conventional
- Install tunnel supports (steel ribs, lagging, mesh, segments, rings, drilling, rock bolts)
- Install services (track laying, conveyors, vents, water, compressed air pipes etc.)

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Concrete placement, pump operation and maintenance
 Shaft and tunnel grouting
 Dewatering, pump installation, operation and maintenance
 Shotcrete/gunite application and cleanup

e. Pipeline

Trenching and excavation
 Grade setting/checking
 Clearing and maintaining the right of way (ROW), ROW remediation
 Build and dismantle fences
 Install and maintain erosion control systems
 Locating utilities
 Load, unload and place skids
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 "Pig" the pipe

f. Masonry

Mason tending
 Plaster tending
 Refractory / industrial support
 Fireproofing, tarping, application, and cleanup
 Pump operation, maintenance and cleanup
 Scaffold erection, inspection, stockpiling, dismantling and transportation.
 Forklift operation and safety

g. Landscaping

Layout, planting and staking
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h. Demolition/Deconstruction

Cutting and burning (work traditionally performed by construction craft laborers)
 Fire watch
 Aerial lift operation
 Concrete sawing, cutting, breaching and breaking
 Demolition debris handling and management (recycling, reused, disposal)

Total Hours 6000

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date:

Approved by:

Washington State Apprenticeship & Training Council

Secretary of WSATC:

date:

Gerty M. Lehmann Jr.

6-9-2015