

For L&I Staff Use Only

Rec 8/13/2025 *AN*  
L&I Apprenticeship Consultant

*Teri Gardner 8-13-25*  
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: Port of Olympia #1856

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

- Additions shall be underlined (underlined).
- Deletions shall be struck through (~~struck through~~).
- See attached.

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

<input type="checkbox"/> Chair	Date	<input checked="" type="checkbox"/> Secretary	Date
<input checked="" type="checkbox"/> Authorized Signer	<i>8/13/2025</i>		<i>8/13/2025</i>
Print Name: <i>Alexandra Shlitter</i>		Print Name: <i>Alexandra Shlitter</i>	
Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i>	

Approved By: <b>Washington State Apprenticeship &amp; Training Council</b>
Signature of Secretary of the WSATC:
Date:

Attach additional sheets if necessary

<u>Occupational Objective(s):</u>	<u>SOC#</u>	<u>Term [WAC 296-05-015]</u>
<del>INDUSTRIAL EQUIPMENT ELECTRICIAN</del>	<del>49-2094.00</del>	<del>8000 HOURS</del>
<del>INDUSTRIAL MECHANIC</del>	<del>49-9041.00</del>	<del>8000 HOURS</del>
<del>MAINTENANCE TECHNICIAN</del>	<del>49-9071.00</del>	<del>8000 HOURS</del>

**IV. TERM OF APPRENTICESHIP:**

<del>Industrial Equipment Electrician</del>	<del>8000 hours of reasonable continuous employment</del>
<del>Industrial Mechanic</del>	<del>8000 hours of reasonable continuous employment</del>
<del>Maintenance Technician</del>	<del>8000 hours of reasonable continuous employment</del>

**VII. WORK PROCESSES:**

**A. Industrial Equipment Electrician Approximate Hours**

- ~~1. Equipment.....2720~~  
~~Wiring of Port of Olympia buildings; the installation and repair of all equipment therein; and necessary shop work and preparation.~~
- ~~2. Buildings .....2080~~  
~~Wiring of all industrial buildings and equipment; the maintenance, repair, and alteration of the same; and the necessary shop work and preparation.~~
- ~~3. Electrical Maintenance .....528~~  
~~Wiring of systems which include: sound, data transmission, telephone, fire alarm, fiber optics, energy management, closed circuit television, programmable controllers.~~
- ~~4. Equipment Operation .....1520~~
- ~~5. Motors & Controls .....1040~~
- ~~6. Safety training .....112~~  
~~Equipment hazard awareness and any other regulatory training as necessary.~~

**Total Hours: 8000**

**B. Industrial Mechanic Approximate Hours**

- ~~1. Familiarization .....216~~

<del>Safety program and drills, shop routine, preventive maintenance program introduction.</del>	
<del>2. Brakes and Air Systems.....</del>	<del>800</del>
<del>Adjust and repair air, electric and hydraulic operated brake systems, repair of various air operated components, S-Cam Brakes, Disc Brakes, ABS systems, air dryers, air compressors, air governors, air reservoirs.</del>	
<del>3. Steering and Suspension.....</del>	<del>800</del>
<del>Steering systems and components, shock absorbers, power steering systems and hydraulic suspensions.</del>	
<del>4. Electrical Systems.....</del>	<del>1200</del>
<del>Alternators and regulators, wire and light systems, electric motors, batteries, gauges, electronic control systems.</del>	
<del>5. Engines &amp; Transmissions.....</del>	<del>1504</del>
<del>Diesel engines, tune-up, failure analysis, fuel systems, cooling systems, air systems, lube systems, computerized engine controls, general transmission maintenance.</del>	
<del>6. Storm Water.....</del>	<del>1104</del>
<del>Maintenance and regulation of storm water systems.</del>	
<del>7. HVAC.....</del>	<del>56</del>
<del>Refrigerant recovery/recycling, preventive maintenance E.P.A. certifications, heat control systems, general repairs to HVAC components.</del>	
<del>8. Hydraulic Systems.....</del>	<del>1304</del>
<del>Troubleshooting, general maintenance, and repair.</del>	
<del>9. Shop operations.....</del>	<del>904</del>
<del>Exhaust systems, preventive maintenance and service.</del>	
<del>10. Safety training.....</del>	<del>112</del>
<del>Equipment hazard awareness and any other regulatory training as necessary.</del>	
<b>Total Hours:</b>	<b>8000</b>

## **X. ADMINISTRATIVE/DISCIPLINARY PROCEDURES:**

### **A. Administrative Procedures:**

#### **3. Sponsor Procedures:**

**Failure to maintain employment with Port of Olympia will may result in cancellation of the apprenticeship Agreement in accordance with appropriate procedures.**