

**For L&I Staff Use Only**

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 Apprenticeship Section  
 PO Box 44530  
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**Request for Revision  
of Standards**

TO: Washington State Apprenticeship & Training Council

FROM: Framatome #1842

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 checked="" type="checkbox"/> Chair	Date	<input checked="" type="checkbox"/> Secretary	Date
<input type="checkbox"/> Authorized Signer	01/30/24		01/30/24
Print Name: RON KILGORE		Print Name: Joe R. O'Neil	
Signature: 		Signature: 	

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

Attach additional sheets if necessary

[Cover page]

<u>Occupational Objective(s):</u>	<u>SOC#</u>	<u>Term [WAC 296-05-015]</u>
INDUSTRIAL INSTRUMENT TECHNICIAN	49-2094.00	<del>8100</del> <u>8,000</u> HOURS
INDUSTRIAL MAINTENANCE ELECTRICIAN	47-2111.00	<del>7200</del> <u>8,000</u> HOURS
INDUSTRIAL PIPEFITTER	47-2152.010	<del>7200</del> <u>8,000</u> HOURS
INDUSTRIAL MILLWRIGHT	49-9044.00	<del>7200</del> <u>8,000</u> HOURS

Sponsor Introductory Statement (Required):

**Definitions as used throughout these Standards of Apprenticeship:**

1. "Employer" shall mean Framatome Inc.
2. The "Union" shall mean the Tri-City Crafts Association.
3. "Sponsor" shall mean Framatome Inc.

**II. MINIMUM QUALIFICATIONS:**

Physical: ~~None~~ The employee must be physically and mentally able to safely perform or learn to safely perform the essential functions of the job with or without reasonable accommodations.

Other: ~~Applicants must be listed as a Framatome employee.~~ None

**IV. TERM OF APPRENTICESHIP:**

The term of apprenticeship for each industrial maintenance skilled occupation shall not be less than four (4) years of reasonably continuous employment and ~~7200~~ 8000 hours of work in the trade, ~~except that the instrument technician standard is 54 months and 8100 hours.~~ Hours of work credited towards completion of apprenticeship shall be exclusive of vacation, holidays, time off from work, and time spent in related supplemental instruction and home study. Any extension or reduction of such term shall be reviewed and approved by the Apprenticeship Committee.

**V. INITIAL PROBATIONARY PERIOD:**

~~All apprentices enrolled under the terms of these Standards shall be subject to an initial probationary period of 1000 hours of employment, commencing with the date of such enrollment.~~ Each Apprentice new to the bargaining unit shall work an initial period of six (6) calendar months in the bargaining unit which shall be considered a probationary period. The Sponsor may terminate an Apprentice at any time for any reason during the probationary period and such termination shall not be subject to any grievance procedure.

**VI. APPRENTICE WAGES AND WAGE PROGRESSION:**

C. Wage Progression Schedules

**A. Industrial Instrument Technician: All Occupations:**

Step	Number of hours/months	Percentage of journey-level rate
<b>1</b>	<b>0000 – 2000 hours (0-12 months)</b>	<b>75%</b>
<b>2</b>	<b>2001 – 4000 hours (13-24 months)</b>	<b>80%</b>
<b>3</b>	<b>4001 – 6000 hours (25-36 months)</b>	<b>85%</b>
<b>4</b>	<b>6001 – <del>8100</del> <u>8000</u> hours (37-48 months)</b>	<b>90%</b>

**B. Industrial Maintenance Electrician, Industrial Pipefitter, and Industrial Millwright:**

Step	Number of hours/months	Percentage of journey-level rate
<b>1</b>	<b><del>0000 – 2000 hours (0-12 months)</del></b>	<b><del>75%</del></b>
<b>2</b>	<b><del>2001 – 4000 hours (13-24 months)</del></b>	<b><del>80%</del></b>
<b>3</b>	<b><del>4001 – 6000 hours (25-36 months)</del></b>	<b><del>85%</del></b>
<b>4</b>	<b><del>6001 – 7200 hours (37-43 months)</del></b>	<b><del>90%</del></b>

**VIII. WORK PROCESSES:**

**A. Industrial Instrument Technician:**

	Description	Estimated Time/Hours
<b>1.</b>	<b>Hand &amp; power tool familiarization – any activity designed to familiarize the apprentice with nomenclature, care, use and selection of correct tools of the craft</b>	<b>100</b>
<b>2.</b>	<b>Material &amp; spare parts familiarization – any activity designed: inform the apprentice of the correct nomenclature and identification of parts and materials used in the craft</b>	<b>100</b>
<b>3.</b>	<b>Test equipment – selection, care &amp; use</b>	<b><del>600</del> <u>500</u></b>
<b>4.</b>	<b>Pressure and level measurement instruments – replace, calibrate, service, troubleshoot, and repair</b>	<b>1000</b>
<b>5.</b>	<b>Temperature measurement instrument – replace, calibrate, service and troubleshoot</b>	<b>1000</b>
<b>6.</b>	<b>Flow measurement instruments – replace, calibrate, service, troubleshoot and repair</b>	<b>1000</b>
<b>7.</b>	<b>Basic electrical systems – small motors &amp; electrical control systems, troubleshoot, repair as needed</b>	<b>140</b>
<b>8.</b>	<b>Automatic control systems – calibrate, service, troubleshoot and repair</b>	<b>760</b>
<b>9.</b>	<b>Electronic instruments – replace, calibrate, service, troubleshoot and repair</b>	<b>2800</b>

10.	Selected assignments – safety and informative meetings; housekeeping; and all other maintenance job related activities not previously covered	600
	<b>TOTAL HOURS</b>	<b>8100-8000</b>

**B. Industrial Maintenance Electrician:**

	Description	Estimated Time/Hours
1.	Hand & power tool familiarization – any activity designed to familiarize the apprentice with nomenclature, care, use and selection of correct tools of the craft	160
2.	Material & equipment familiarization – any activity designed to familiarize the apprentice with correct nomenclature & identification of materials and equipment used in the craft	120
3.	Test equipment – selection, care & use	120
4.	Wiring – make-up, installation & replacement (includes replacement of terminals, making-up packs, marking, making extension cords, electrical connections, etc.)	580
5.	Light fixtures – install, replace and maintain (includes re-lamping)	320
6.	Simple circuits – install, replace, test and repair	600
7.	Small motors – install, maintain and repair (includes dismantling, cleaning, assembling, repair or replacement of switches & capacitors, maintaining commutators, brushes and brush rigging) Replacing of bearings (sleeve & ball)	120
8.	Large motors – install, replace, maintain & repair (includes lubrication, repair of ball, roller and sleeve bearings; motor rewinding; motor connections; maintaining commutators, brushes and brush rigging)	120
9.	Transformers – install, replace & maintain (includes transformer connection, oil check, voltage regulator check)	200
10.	Switches & linestarters – install, replace & repair	180
11.	Relays – install, maintain, test & set	340
12.	Batteries – install, replace, connect, charge, maintain	160
13.	Switchgear – install, replace, wire, maintain & repair	380
14.	Controls – install, replace, wire & maintain	500
15.	Alternators & generators – install, maintain & repair (includes control circuits and voltage regulators)	260
16.	Control panels – install, replace, fabricate, wire & maintain	900
17.	Cranes, hoists and elevators – install, set, adjust & repair limit switches and control stations	480
18.	Communications – install, replace, repair & maintain	260
19.	Industrial electronics – install, replace, maintain, repair & modify	520
20.	Magnetic clutches and brakes – install, check, adjust, repair and maintain	160

21.	Selected assignments – safety and informative meetings; housekeeping; and all other maintenance job related activities not previously covered	<u>720-1520</u>
	<b>TOTAL HOURS</b>	<b>7200-8,000</b>

**C. Industrial Pipefitter:**

	Description	Estimated Time/Hours
1.	Hand & materials familiarization – any activity designed to familiarize the apprentice with nomenclature, care, use and selection of correct tools of the craft.	200
2.	Power tool familiarization – any activity designed to familiarize the apprentice with the nomenclature, care, proper and safe use and selection of the power tools used in the craft	400
3.	Codes – Learn and become familiar with each code and its application, learn how to look up information	40
4.	Pipe threading & cutting	160
5.	Measurement & layout – apply methods of measurement and layout, plan job, make material lists, layout and set up pipe for welding, cutting and brazing	800
6.	Pipefitting – perform various pipefitting operations (including: making templates, cutting metal tubing, stretch and bending tubing, replacing and making up flanges and flanged fittings, cutting gaskets, making up high pressure joints, pipe welding & joining, valve repair and servicing, replacing & servicing steam traps, replacing pipe supports, replacing orifice flanges and plates, testing pipe hydrostatically, drilling & tapping under pressure, replacing and servicing strainers & filters	1000
7.	Refrigeration units – replace, service, troubleshoot & repair	600
8.	Air conditioning units – replace, service, troubleshoot & repair	200
9.	Maintenance – installing, maintaining and repairing piping systems and equipment in plant areas	<del>2600</del> <u>3400</u>
10.	Selected assignments – safety and informative meetings; housekeeping; and all other maintenance job related activities not previously covered	400
11.	Vacuum systems	400
12.	Sanitary piping systems	400
	<b>TOTAL HOURS</b>	<b>7200 <u>8000</u></b>

**D. Industrial Millwright:**

	Description	Estimated Time/Hours
1.	Familiarization – any activity designed to familiarize the apprentice with nomenclature, care, use and selection of correct tools of the craft.	160
2.	Cut-off materials – perform cutting operation on various kinds of materials	240
3.	Drill – perform basic drilling operations	160
4.	Pneumatic tools – operate	40
5.	Grinder – perform basic grinding operations	160
6.	Sanders – operate all types	160
7.	Powder actuated equipment – use safely & properly	80
8.	Measuring and leveling – use precision equipment in maintenance, fabrication and replacement of machinery	160
9.	Equipment layout & fabrication	920
10.	Tubing & piping systems	160
11.	Bench work – file, scrape, tap, chip, hone, sharpen tools, cut gaskets, operate portable tools, fabricate templates, brackets, etc., test, check and inspect equipment	600
12.	Equipment and machinery – replace, erect, move and assemble (includes use of slings, hitches, pulleys, blocks and chain hoists, placing benches, tables, tanks, etc. leveling machinery, tighten hold-down bolts, test, inspect	1800
13.	General maintenance and repair – maintain, troubleshoot, repair, rebuild and modify plant machinery and equipment (includes outages)	<del>2000</del> <u>2800</u>
14.	Selected assignments – safety and informative meetings; housekeeping; and all other maintenance job related activities not previously covered	560
	<b>TOTAL HOURS</b>	<del>7200</del> <u>8000</u>

**IX. RELATED/SUPPLEMENTAL INSTRUCTION:**

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

(X) Other (specify): **TPC Training Curriculum and/or other courses/classes as approved by the Committee; Training Trust**

C. Additional Information:

1. Satisfactory progress (70% or better) must be maintained in related training classes.
2. Time spent in related/supplemental instruction during regular hours of work will not be considered as hours of work, the apprentice will not be paid for time so spent.
3. Registered Apprentices will be provided a minimum of 144 hours of RSI per year, ~~up to a total of 584 hours of RSI for the 8100 hour programs and 519 hours of RSI for the 7200 hour programs over the course of their apprenticeship.~~ The

Committee ~~could~~ may direct and apprentice to take additional RSI above and beyond the above if they believe that the apprentice needs the additional RSI.

**X. ADMINISTRATIVE/DISCIPLINARY PROCEDURES:**

A. Administrative Procedures:

3. Sponsor Procedures:

d. It is recognized by the Apprenticeship Committee that the collective bargaining agreement incorporates the concept of flexible maintenance work assignments which may transverse craft lines. Apprentices may similarly be assigned work or receive cross-training in areas outside of the work experience requirements for their apprentice program. These assignments and this cross-training shall not, however, be of a duration such as to prevent them from making satisfactory progress in their own program. All ~~of~~ the flexible work assignments described above is are understood to mean as it pertains to the trade here involved in these standards.

e. An aptitude test will be given to candidates selected for interview.

f. During OJT Apprentices may need to or be asked to:

- Wear a full-face respiratory mask for an entire shift.
- Frequently stand and walk. Remain in a stationary position, kneel, crouch, stoop, twist at neck and waist, and walk. Climb stairs.
- Reach, handle, grasp, fine finger manipulation, use hand and foot controls, and perform repetitive motion.
- Communicate with coworkers, supervisors, auditors, and customers.
- Visual acuity, including depth perception and color discrimination.
- Tolerate a moderate noise level in the production area.
- Follow all processes and procedures to safely work around potential radiation hazards.
- Use keyboard, mouse, and monitor for training, email, and equipment operation.
- Lift and/or move up to 50 pounds.
- Will be trained operate a forklift and other aerial platforms; must be able to work all controls and frequently change from indoor to outdoor exposure.

**Local Apprenticeship Committee Policies**

d. All Apprentices registered in this program under the occupation of Industrial Maintenance Electrician shall obtain and maintain an electrical EL-07 trainee card within sixty (60) of starting the apprenticeship.

B. Disciplinary Procedures

3. Sponsor Disciplinary Procedures:

NONE Disciplinary procedures will follow Article 15 Discipline in the Collective Bargaining Agreement as well as Framatome policy PO-NA-CORP-SS-HR-00020 Employee Discipline Policy.

**XI. SPONSOR – RESPONSIBILITIES AND GOVERNING STRUCTURE**

E. Committee governance (if applicable): (see WAC 296-05-009)

**[Please delete committee in its entirety and replace with the following]**

c. The employer representatives shall be:

**Ron Kilgore , Chair  
2101 Horn Rapids Road  
Richland, Washington 99352**

**Dana Mortimer  
2101 Horn Rapids Road  
Richland, Washington 99352**

**Matthew Durst  
2101 Horn Rapids Road  
Richland, Washington 99352**

**Brett Mooney  
2101 Horn Rapids Road  
Richland, Washington 99352**

d. The employee representatives shall be:

**Joe Ohler, Secretary  
2101 Horn Rapids Road  
Richland, Washington 99352**

**Jason Locke  
2101 Horn Rapids Road  
Richland, Washington 99352**

**Brian Hight  
2101 Horn Rapids Road  
Richland, Washington 99352**

**Bryan Wetz  
2101 Horn Rapids Road  
Richland, Washington 99352**