



**STANDARDS OF APPRENTICESHIP
adopted by**

PORT OF TACOMA APPRENTICESHIP COMMITTEE

(sponsor name)

<u>Occupational Objective(s):</u>	<u>SOC#</u>	<u>Term</u>
FACILITIES MAINTENANCE MECHANIC	49-9042.00	8000 HOURS
HEAVY DUTY EQUIPMENT MECHANIC	49-3031.00	8000 HOURS



APPROVED BY
Washington State Apprenticeship and Training Council
REGISTERED WITH
Apprenticeship Section of Specialty Compliance Services Division
Washington State Department Labor and Industries
Post Office Box 44530
Olympia, Washington 98504-4530

APPROVAL:

JANUARY 21, 2000
Initial Approval

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Committee Amended

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Standards Amended (review)

JULY 18 2003
Standards Amended (administrative)

By: LAWRENCE "PETE" CROW
Chair of Council

By: PATRICK WOODS
Secretary of Council

PORT OF TACOMA APPRENTICESHIP COMMITTEE

INTRODUCTORY STATEMENT

The director of the Department of Labor and Industries appointed the Washington State Apprenticeship and Training Council (WSATC) as the regulatory body responsible for developing, administering, and enforcing apprenticeship program standards (Standards) for the operation and success of apprenticeship and training programs in the State of Washington. Apprenticeship program sponsors function, administer, or relinquish authority only with the consent of the WSATC. Furthermore, only apprentices registered with the supervisor or recognized under the terms and conditions of a reciprocal agreement will be recognized by the WSATC. Parties signatory to these standards of apprenticeship declare their purpose and policy is to establish and sponsor an organized system of registered apprenticeship training and education.

These Standards are in conformity and are to be used in conjunction with the Apprenticeship Rules, chapter 296-05 WAC (Washington Administrative Code); Apprenticeship Act, chapter 49.04 RCW (Revised Code of Washington); The National Apprenticeship Act, 29 U.S.C. (United States Code) 50; Apprenticeship Programs, Title 29 Part 29 CFR (Code of Federal Regulations); and Equal Employment Opportunity in Apprenticeship and Training, Title 29 Part 30 CFR which govern employment and training in apprenticeable occupations. They are part of this apprenticeship agreement and bind all signers to compliance with all provisions of registered apprenticeship. Additional information may need to be maintained by the program sponsor that is supplemental to these apprenticeship standards. This information is for purposes of ensuring compliance with decisions of the WSATC and the apprenticeship laws identified above.

If approved by the council, such amendment/s and such changes as adopted by the council shall be binding to all parties. Program sponsors shall notify apprentices and employer training agents (if applicable) of changes when they are adopted by the council. If and when any part of these Standards becomes illegal, as pertains to federal and/or state law, that part and that part alone will become inoperative and null and void, and the Department of Labor and Industries (Department) may adopt language that will conform to applicable law. The remainder of the Standards will remain in full force and effect.

Sections of these standards identified as bold "insert text" fields are specific to the individual program standards and may be modified by a sponsor submitting a revised standard for approval by the WSATC. All other sections of the standards are boilerplate and may only be modified by the WSATC.

See WAC 296-05-003 for the definitions necessary for use with these Standards.

Sponsor Introductory Statement (Optional):

These Standards of Apprenticeship pertain to the training of apprentices covered by the Port of Tacoma/ILWU Local 22 Agreement in the following crafts: Heavy Duty Equipment Mechanic and Facilities Maintenance Mechanic.

PORT OF TACOMA APPRENTICESHIP COMMITTEE

I. GEOGRAPHIC AREA COVERED:

The sponsor has no authority to conduct training outside of the geographical area covered by these Standards. The sponsor may enter into an agreement [portability agreements – see WAC 296-05-303(4)(g)] with other sponsors for the use of apprentices by training agents that are working outside of their approved geographic area. Also, the WSATC may recognize and approve out-of-state apprenticeship programs and standards if certain conditions are met and the out-of-state sponsoring entity requests it (see WAC 296-05-327). Apprenticeship program sponsors will ensure compliance with the provisions of any agreement recognized by the WSATC.

The areas covered by these Standards shall be the employees and equipment of the Port of Tacoma.

II. MINIMUM QUALIFICATIONS:

Minimum qualifications must be clearly stated and applied in a nondiscriminatory manner [see WAC 296-05-316(17)].

Age: **Applicants must be at least eighteen (18) years of age.**

Education: **High school graduate or GED equivalent.**

Physical: **All individuals hired must successfully complete a physical examination, including a drug screen and a background investigation as established by the Port of Tacoma.**

Testing: N/A

Other: N/A

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

Sponsors with five (5) or more apprentices must adopt an Equal Employment Opportunity (EEO) Plan and Selection Procedures (see Part D of chapter 296-05 WAC and 29 CFR Part 30).

The recruitment, selection, employment and training of apprentices during their apprenticeship shall be without discrimination because of race, sex, color, religion, creed, national origin, age, sexual orientation, marital status, veteran or military status, the presence of a disability or any other characteristic protected by law. The sponsor shall take positive action to provide equal opportunity in apprenticeship and will operate the apprenticeship program as required by the rules of the Washington State Apprenticeship

PORT OF TACOMA APPRENTICESHIP COMMITTEE

and Training Council (chapter 296-05 WAC) and Title 29, Part 30 of the Code of Federal Regulations.

A. Selection Procedures:

Exempt under WAC 296-05-405(1)(a).

B. Equal Employment Opportunity Plan:

Exempt under WAC 296-05-405(1)(a).

Discrimination Complaints.

Any apprentice or applicant for apprenticeship who believes they have been discriminated against may file a complaint (WAC 296-05-443).

IV. TERM OF APPRENTICESHIP:

The minimum term of apprenticeship must not be less than 2000 hours of reasonably continuous employment in each occupation identified in these Standards. The term of apprenticeship must be stated in hours of employment [WAC 296-05-316(1)].

The term of apprenticeship for Heavy Duty Equipment Mechanic shall be 8000 work hours of employment with the Port of Tacoma.

The term of apprenticeship for Facilities Maintenance Mechanic shall be 8000 work hour of employment with the Port of Tacoma.

V. INITIAL PROBATIONARY PERIOD:

All apprentices are subject to an initial probationary period, stated in hours or months of employment for which they receive full credit toward completion of apprenticeship.

Advance credit/standing will not reduce the initial probationary period. The initial probationary period [WAC 296-05-316(22)]:

1. Is the period following the apprentice's registration into the program and during which the apprentice's appeal rights are impaired. The initial probation must not exceed twenty percent (20%) of the term of apprenticeship or one year from date of registration, unless an exemption by the WSATC has been granted for longer probationary periods as specified by Civil Service or law.
2. Is the period that the WSATC or the supervisor of apprenticeship may terminate an apprenticeship agreement at the written request by any affected party. The sponsor or the apprentice of the apprenticeship agreement may terminate the

PORT OF TACOMA APPRENTICESHIP COMMITTEE

agreement without a hearing or stated cause. An appeal process is available to apprentices who have completed the initial probationary period.

All apprentices employed in accordance with these standards shall be subject to a probationary period not exceeding the first 960 hours of employment.

VI. RATIO OF APPRENTICES TO JOURNEY LEVEL WORKERS:

Supervision is the necessary education, assistance, and control provided by a journey-level employee that is on the same job site at least seventy-five percent of each working day, unless otherwise approved by the WSATC. The sponsor will assure that apprentices are under the supervision of competent and qualified journey-level workers on the job who are responsible for the work being performed, to ensure safety and training in all phases of the work. Apprentices will work the same hours as journey-level workers, EXCEPT where such hours may interfere with related/supplemental instruction [WAC 296-05-316(5)].

There shall not be more than one (1) apprentice to every six (6) journey-level mechanics on the job site.

VII. APPRENTICE WAGES AND WAGE PROGRESSION:

The apprentice will be paid a progressively increasing schedule of wages based on specified percentages of journey-level wage consistent with skills acquired [WAC 296-05-316(27)]. These may be indicated in hours or monthly periods set by the sponsor. The entry wage will not be less than the minimum wage prescribed by the Fair Labor Standards Act, where applicable, unless a higher wage is required by other applicable federal law, state law, respective regulations, or by collective bargaining agreement.

The sponsor may accelerate, by an evaluation process, the advancement of apprentices who demonstrate abilities and mastery of the occupation to the level for which they are qualified. When the apprentice is granted advanced standing the sponsor must notify the employer/training agent of the appropriate wage per the wage progression schedule specified in these Standards.

Step	Number of hours/months	Percentage of journey-level rate
1	0000 - 2000 hours	60%
2	2001 - 4000 hours	70%
3	4001 - 6000 hours	80%
4	6001 - 8000 hours	90%

The journey level wage rate will be determined by the collective bargaining agreement.

PORT OF TACOMA APPRENTICESHIP COMMITTEE

VIII. WORK PROCESSES:

The apprentice shall receive on the job instruction and experience as is necessary to become a qualified journey-level worker versed in the theory and practice of the occupation covered by these Standards. The following is a condensed schedule of work experience, which every apprentice shall follow as closely as conditions will permit.

Employers/training agents shall only use registered apprentices to perform the work processes as stated in this section. [WAC 296-05-303(5)(f)]

<u>A. Facilities Maintenance Mechanic:</u>	<u>Approximate Hours</u>
1. Familiarization	
Safety Programs, Shop Routine, PM Program Into., Equipment Orientation.	
a. Lockout, Tag out, Tryout	24
b. Confined Space Entry	16
c. Fall Protection	16
d. Environmental/Waste Management.....	40
e. Equipment Orientation & Operation.....	80
f. Misc. Polices / Admin. / Safety	40
SUB TOTAL:	216
2. Roofs	
Maintain, Repair, Evaluate, and replace: Cold Applications, Shingles, Metal roofs, Membrane roofs, Downspouts, Gutters, and Flashings.	
a. Cold Applications Emulsions).....	10
b. Downspouts and Gutters	75
c. Flashing	10
d. Membrane Roofs	10
e. Sheet and Shingle Roofs	10
f. Repair and Patch with Mastic and Cloth	40
g. Metal Roofs.....	10
h. Misc. Roofing related projects	60
SUB TOTAL:	225
3. Plumbing	
Lift stations, Hydrants, Building Fixtures, Meters, Piping, Backflow Prevention, Valves, Fire Sprinklers, Landscape Sprinklers, Treatment Systems, Drain Systems; Maintenance, Installation and Repair.	
a. Lift Stations	60
b. Fire Hydrants	20
c. Building Fixtures.....	30
d. Meters, and Reading Meters	20

PORT OF TACOMA APPRENTICESHIP COMMITTEE

e.	Piping	100
f.	Valves	100
g.	Backflow Assemblies.....	180
h.	Fire Sprinkler Systems	200
i.	Landscape Sprinkler, Installation, Repair	24
j.	Print Reading, Locate Utilities.....	20
k.	Fire Extinguishers, Life Rings, Eye Wash, Maintenance	20
l.	PM's and Inspections.....	100
m.	Waste Water Treatment System.....	60
n.	Storm Drains and Catch basins	16
o.	Oil Water Separators.....	16
p.	Tide Gates	16
q.	Misc. Plumbing Related Projects.....	154
	SUB TOTAL:	1146
4.	Welding	
	Repair and Fabrication	
a.	Brazing.....	5
b.	Gas Welding	10
c.	Arc Welding.....	40
d.	Burning and Cutting.....	30
e.	Soldering	20
f.	Misc. Welding.....	50
	SUB TOTAL:	155
5.	Painting	
	Prep Work, Paint, Glazing, Tape and Texture, Striping, Sign Construction.	
a.	Surface Preparation and Masking	40
b.	Primer Selection and Application.....	16
c.	Paint Selection and Application, Roller and Brush	80
d.	Paint Selection and Application, Air and Airless.....	80
e.	Glazing, replace and Installations	20
f.	Taping and Texturing.....	50
g.	Striping and Numbering Lots and Roads.....	175
h.	Sign Construction and Instruction	50
i.	Staging Assembly	20
j.	Misc. Painting related Projects.....	40
	SUB TOTAL:	571
6.	Carpentry	
	Framing, Heavy Timber, Pier Fenders, Masonry, Gypsum, Forms, Doors, Cabinet Installation	

PORT OF TACOMA APPRENTICESHIP COMMITTEE

a.	Print Reading	20
b.	Framing, Walls, Doors, Windows.....	75
c.	Windows, Doors, Skylights, etc, Installation and Repair	75
d.	Large Door Maintenance and Repair, Roll-up, Sliding, etc.....	50
e.	Gypsum Wallboard, installation and repair	100
f.	Heavy Timber, Planking, Bull rails, Support Posts, etc.....	150
g.	Pier Fixtures, Cleats, Cavets, etc.	100
h.	Fencing	8
i.	Concrete, Forms, Re-enforcement, Pouring, Finishing.....	40
j.	Cabinets, Trim, and Finish Work	50
k.	PM's and Inspections, Yards, Buildings, etc.	100
l.	Misc. Carpentry	160
	SUB TOTAL:	928
7.	Track, Roads and Landscaping Maintenance, Repair and Installations	
a.	Gas: Furnaces, Hot Water Tanks, Radiant Heat	150
b.	Electric Heat, Inductive, Baseboards	100
c.	Refrigerant Systems.....	450
d.	Control Systems, Including DDC Programmable Controllers	350
e.	PM and Inspection	430
f.	Misc. HVAC Projects.....	300
g.	Air Distribution.....	100
	SUB TOTAL:	1880
8.	HVAC Maintenance, Troubleshooting, and Repair.	
a.	Secondary Voltage Distribution Systems.....	100
b.	Troubleshoot and Repair Opens and Shorted Systems.....	240
c.	Troubleshoot and Repair/Replace motors, actuators, fixtures	300
d.	Pole Lights	310
e.	Prints and Drawings	150
f.	Messenger System	10
g.	Intercom Systems.....	10
h.	Fire Alarm Systems.....	220
i.	Elevators	80
j.	NEC, Interpret and use	100

PORT OF TACOMA APPRENTICESHIP COMMITTEE

k.	Communications Wiring, Install, Service, Repair, Replace	250
l.	PM Electrical Equipment.....	396
m.	Misc. Electrical Projects	300
n.	Lighting Controls	75
o.	High Voltage Training	75
p.	AEI Systems.....	75
q.	Security Cameras	75
r.	Electric Gates	75
	SUB TOTAL:	2841

9.	Electrical Maintain, Troubleshoot, and Repair.	
a.	Track and Switches.....	10
b.	Asphalt	10
c.	Planting and Maintenance of Shrubs, Trees, Grass, etc.....	4
d.	Herbicides and Pesticides	4
e.	Misc. Track, Road, Landscaping Projects.....	10
	SUB TOTAL:	38
	TOTAL HOURS:	8000

PORT OF TACOMA APPRENTICESHIP COMMITTEE

<u>B. Heavy Duty Equipment Mechanic:</u>	<u>Approximate Hours</u>
1. Familiarization: Safety program, shop routine, pm program intro, equipment orientation.	
a. Lockout, Tagout, Tryout	20
b. Confined Space Entry	10
c. Fall Protection	25
d. Environmental Waste management	5
e. Equipment Orientation & Operations	50
f. Misc. Policies/Admin/Safety	75
Sub Total:	185
2. Brakes and Air Systems: 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, aircompressors, air governors, air reservoirs.	
a. Strad Brakes	100
b. Truck Drum Brakes, S-Cam	20
c. Forklift Drum Brakes	25
d. Disc Brakes	25
e. Automotive Drum Brakes	20
f. ABS Systems	15
g. Air Dryers	5
h. Air; Compressors, Governors, Reservoirs	30
i. Container Crane Gantry Brakes	35
j. Container Crane Band and Drum Brakes	15
k. Container Crane Disc Brakes	15
l. Misc. Braking and Air Systems	180
Sub Total:	485
3. Steering and Suspension: Steering systems and components, shock absorbers, power steering systems and hydraulic suspensions.	
a. Strad Steering Components and Alignment	150
b. Strad Suspensions	75
c. Auto and Truck Steering Systems	60
d. Auto and Truck Suspension Systems	60
e. Power Steering Systems, and Orbital Valves	60
f. Misc. Steering and Suspension Systems	50
Sub Total:	455

PORT OF TACOMA APPRENTICESHIP COMMITTEE

- 4. **Electrical Systems: Alternators and regulators, wire and light systems, electric motors, batteries, gauges, electronic control systems.**
 - a. **Automotive and Forklift installations150**
 - b. **Alternators and Regulators: Trblshoot, Rpr., Rplc.100**
 - c. **Battery Maintenance30**
 - d. **Electric Motors, Cranes; Maintenance, Replace100**
 - e. **Strad PLC's75**
 - f. **Crane PLC's and Motor Control.....300**
 - g. **High Voltage Safety Training, Non-Contact70**
 - h. **Strad Electrical Troubleshooting and repair200**
 - i. **Crane Electrical, Familiarize, Assist in Repair, Limited Hands On.....200**
 - j. **Misc. Electrical125**

Sub Total: 1350

- 5. **Engines: Diesel engines, gasoline engines, tune-up, failure analysis, fuel systems, cooling systems, air systems, lube systems, computerized engine controls, engine rebuilding.**
 - a. **Diesel Engine Troubleshooting, Repair, Replace.....300**
 - b. **Diesel Engine Tune-up and Rebuild.....200**
 - c. **Gas Engine, Troubleshoot, Repair, Tune-up160**
 - d. **Fuel Systems100**
 - e. **Cooling Systems100**
 - f. **Air Systems50**
 - g. **Computerized Engine Controls75**
 - h. **Engine Failure analysis.....100**
 - i. **Misc. Engines.....200**

Sub Total: 1285

- 6. **Power Transmission: Computer controls, driveline couplings, universal joints, transmission replacement, general transmission maintenance.**
 - a. **PLC's and computer related inputs and outputs200**
 - b. **Couplings, U-Joints, CV Joints, Alignments, etc.150**
 - c. **Strad Trans., Troubleshoot/remove/replace.....200**
 - d. **Forklift or Truck Trans., troubleshoot/remove/replace.....100**
 - e. **Gearbox overhaul and repair (Cranes Strads, Lifts, etc.)100**
 - f. **Machining, Lathe, Drill, Mill50**
 - g. **Misc. Power Transmission150**

Sub Total: 950

PORT OF TACOMA APPRENTICESHIP COMMITTEE

- 7. **HVAC - Mobile Equipment: Refrigerant recovery/ recycling, preventive maintenance, E.A.P. certifications, heat control systems, general repairs to HVAC components.**
 - a. **Strad Heating Systems.....75**
 - b. **Strad A/C100**
 - c. **Crane HVAC100**
 - d. **Lift, Truck, Car, A/C.....75**
 - e. **Misc. HVAC.....100**
 - Sub Total:450**

- 8. **Hydraulic Systems: Troubleshooting and repair.**
 - a. **Crane List, Trim, Skew and Snag Load100**
 - b. **Crane Spreaders.....200**
 - c. **Strad Drives.....50**
 - d. **Strad Hoist.....200**
 - e. **Strad Misc.....300**
 - f. **Forklifts & Masts150**
 - g. **Pump, Motor, and Valve Rebuilds50**
 - h. **Hydraulic Misc.200**
 - i. **Crane Brake Units100**
 - Sub Total:1350**

- 9. **Miscellaneous: Rigging, exhaust systems, welding, shop operations, preventive maintenance and service.**
 - a. **PM's Strads.....200**
 - b. **PM's Cranes300**
 - c. **PM's Lifts.....100**
 - d. **Crane Rigging.....250**
 - e. **Exhaust Systems.....25**
 - f. **Design, cut, fit, weld projects175**
 - g. **Burning, Gas.....25**
 - h. **Carbon Arc25**
 - i. **Welding200**
 - j. **Misc.115**
 - k. **Autolube.....75**
 - Sub Total:1490**

TOTAL HOURS: 8000

PORT OF TACOMA APPRENTICESHIP COMMITTEE

IX. RELATED/SUPPLEMENTAL INSTRUCTION:

The apprentice must attend related/supplemental instruction (RSI). Time spent in related/supplemental instruction shall not be considered as hours of work and the apprentice is not required to be paid for time spent in related/supplemental instruction.

The sponsor and training agent must provide for instruction of the apprentice during the related/supplemental instruction in safe and healthful work practices in compliance with the Washington Industrial Safety and Health Act, and applicable federal and state regulations.

Clock hours of actual attendance by the apprentice in related/supplemental instruction classes at the community/technical college or other approved training locations shall be reported to the Department on a quarterly basis. Such reports will clearly identify paid versus unpaid and supervised versus unsupervised RSI time for industrial insurance purposes.

For industrial insurance purposes, the WSATC will be considered as the employer should any supervised apprentice, not being paid to attend RSI, sustain an injury while participating in related/supplemental classroom activity, or other directly related activity outside the classroom. The activities must be at the direction of the instructor.

In case of failure on the part of any apprentice to fulfill the obligation to attend RSI, the sponsor has authority to take disciplinary action (see Administrative/Disciplinary Procedures section).

The methods of related/supplemental training must consist of one or more of the following (please indicate by checking those that apply):

- Supervised field trips
- Approved training seminars (specify)
- A combination of home study and approved correspondence courses (specify)
- State Community/Technical college
- Private Technical/Vocational college
- Training trust
- Other (specify): **In-house training classes conducted at Port of Tacoma under the maintenance-training program.**

144 Minimum RSI hours per year defined per the following (see WAC 296-05-316(6)):

PORT OF TACOMA APPRENTICESHIP COMMITTEE

- (X) twelve-month period from date of registration.*
- () defined twelve-month school year: (insert month) through (insert month).
- () two-thousand hours of on the job training.

**If no selection is indicated above, the WSATC will define RSI hours per twelve-month period from date of registration.*

Additional Information:

Tuition and fees will be reimbursed to the apprentice according to the current Port of Tacoma and ILWU Local 22 contract agreement.

X. ADMINISTRATIVE/DISCIPLINARY PROCEDURES:

Sponsors may include in this section requirements and expectations of the apprentices and training agents and an explanation of disciplinary actions that may be imposed for noncompliance. The sponsor has the following disciplinary procedures that they may impose: Disciplinary Probation, Suspension, or Cancellation.

Disciplinary Probation: A time assessed when the apprentice's progress is not satisfactory. During this time the program sponsor may withhold periodic wage advancements, suspend or cancel the apprenticeship agreement, or take further disciplinary action. A disciplinary probation may only be assessed after the initial probation is completed. During the disciplinary probation, the apprentice has the right to file an appeal of the sponsor's action with the WSATC (as described in WAC 296-05-009).

Suspension: A suspension is a temporary interruption in progress of an individual's apprenticeship program that may result in the cancellation of the Apprenticeship Agreement. Could include temporarily not being allowed to work, go to school or take part in any activity related to the Apprenticeship Program until such time as the sponsor takes further action.

Cancellation: Refers to the termination of an apprenticeship agreement at the request of the apprentice, supervisor, or sponsor. [as described in WAC 296-05-316(22)].

A. General Procedures

1. Definitions as used throughout these Standards of Apprenticeship.

- a. **Port of Tacoma, hereinafter is called the Port in these Standards.**
- b. **Employer shall mean, Port of Tacoma.**
- c. **Union shall mean, ILWU, Local #22.**
- d. **Apprenticeship Coordinator shall mean the person selected by the Apprenticeship Committee to administer the apprenticeship program in accordance with these Standards.**

PORT OF TACOMA APPRENTICESHIP COMMITTEE

2. **The standards for selection of apprentices shall be administered consistent with affirmative action and shall not be in conflict with any legislation pertaining to this subject. All applications for the Apprenticeship Program shall be considered on the basis of qualifications and meet the standard requirements established by the Port of Tacoma/ILWU Local 22 Apprenticeship Committee.**
3. **Apprentices will be governed by ILWU Local 22 Labor Agreement, Port of Tacoma's Personnel Rules and Regulations, Maintenance Department's Policies and Procedures, and the State of Washington Apprenticeship Council Rules and Regulations.**
4. **Upon acceptance into the program, the apprentice must be in possession of a set of tools consisting of:**
 - a. **Heavy Duty Equipment Mechanic**
 - (1) **One (1) 1/4 inch square drive socket set**
 - (2) **One (1) 3/8 inch square drive socket set including SAE and metric sockets**
 - (3) **One (1) 1/2 inch square drive socket set including up to 1-1/8 inch sockets**
 - (4) **Two (2) combination wrench sets, one (1) 1/4 inch to 1-1/4 inch SAE and one (1) 7mm - 19mm metric**
 - (5) **One (1) pair water pump pliers - 9-1/2 inch minimum**
 - (6) **Two (2) pair locking pliers - 6 inch and 10 inch**
 - (7) **One (1) pair diagonal cutting pliers - 6-inch minimum**
 - (8) **One (1) pair long nose pliers - 6-inch minimum**
 - (9) **One (1) pair slip joint pliers - 8-inch minimum**
 - (10) **One (1) 12-piece punch, chisel, and line-up set**
 - (11) **One (1) 8 inch adjustable wrench**
 - (12) **One (1) 12 inch adjustable wrench**
 - (13) **One (1) hacksaw**
 - (14) **One (1) standard blade screwdriver set, 1/4 inch to 1/2-inch blade**
 - (15) **One (1) Phillips screwdriver set - #1, 2, and 3 tips**
 - (16) **Two (2) Hex key sets, one SAE and one metric**
 - (17) **One (1) rolling wedge bar**
 - (18) **One (1) eight ounce ball peen hammer**
 - (19) **One (1) sixteen ounce ball peen hammer**
 - (20) **One (1) three pound hammer**
 - (21) **One (1) fourteen inch pipe wrench**
 - (22) **One (1) flashlight**
 - (23) **One (1) 12 volt test light**
 - (24) **One (1) continuity test light**

PORT OF TACOMA APPRENTICESHIP COMMITTEE

(25) One (1) roll-away tool cabinet

Additional tools must be purchased by the apprentice as he/she progresses through the program. Upon completion of the program, the apprentice must possess a complete set of heavy-duty equipment tools.

b. Facilities Maintenance Mechanic

- (1) One (1) 1/4 inch square drive socket set**
- (2) One (1) 3/8 inch square drive socket set including SAE and metric**
- (3) One (1) pair water pump pliers - 9-1/2 inch minimum**
- (4) One (1) pair diagonal cutting pliers - 6 inch minimum**
- (5) One (1) pair long nose pliers - 6 inch minimum**
- (6) One (1) pair slip joint pliers - 8 inch minimum**
- (7) One (1) set wood chisels**
- (8) One (1) 8 inch adjustable wrench**
- (9) One (1) 12 inch adjustable wrench**
- (10) One (1) hack saw**
- (11) One (1) standard blade screwdriver set, 1/4 inch to 1/2 inch blade**
- (12) One (1) Phillips screwdriver set - #1, 2, and 3 tips**
- (13) Two (2) Hex key sets, one SAE and one metric, 1/16" to 1/4"**
- (14) One (1) Wonder Bar (pry and nail removal)**
- (15) One (1) 24" Crowbar**
- (16) One (1) Claw Hammer**
- (17) One (1) 14" Pipe Wrench**
- (18) One (1) Continuity Tester**
- (19) One (1) Volt/Ohm Meter**
- (20) One (1) 25' Tape measure**
- (21) One (1) 12' Tape measure**
- (22) One (1) Leather tool pouch and belt**
- (23) One (1) Ball Peen hammers, Small and Medium**
- (24) One (1) Hand Saw**
- (25) One (1) Combination Wrench set, SAE, up to 3/4"**

Additional tools must be purchased by the apprentice as he/she progresses through the program. Upon completion of the program, the apprentice must possess a complete set of Facilities Maintenance Mechanic tools.

- 5. The shop supervisor on shift or his/her designee shall be responsible for the supervision of the apprentice.**

PORT OF TACOMA APPRENTICESHIP COMMITTEE

- 6. Apprentices will be required to complete and pass all shop and related supplemental training course assignments prior to advancement.**
- 7. Apprentices will submit monthly progress reports between the fifth (5) and tenth (10) of each month to the shop supervisor or designee for evaluation and sign off. The Director of Maintenance or designee will submit them for review by the Apprentice Committee.**
- 8. All complaints shall be brought to the supervisor or shop steward who will attempt to resolve the complaint immediately. However, the Director of Maintenance shall report all complaints to the Apprenticeship Committee at the next meeting whether resolved or not.**
- 9. Management and Labor will abide by the Apprenticeship Committee's decision.**

B. Local Apprenticeship Committee Policies

NONE

C. Complaint and Appeal Procedures:

All registered programs must establish procedures explaining the program's complaint review process. Complaints that involve matters covered by a collective bargaining agreement are not subject to the complaint review procedures in this section.

Complaint (after initial probation completed) – WAC 296-05-009 and 296-05-316(22)

Prior to: 20 calendar days of intention of disciplinary action by a sponsor

- Sponsors must notify the apprentice in writing of action to be taken
- Must specify the reason(s) for discipline, suspension, or cancellation
- Decision will become effective immediately
- Written reason(s) for such action must be sent to the apprentice

Within: 30 calendar days request for reconsideration from the sponsor

- Apprentice to request sponsor to reconsider their action

Within: 30 calendar days of apprentice's request for reconsideration

- Sponsor must provide written notification of their final decision

If apprentice chooses to pursue the complaint further:

Within: 30 calendar days of final action

- Apprentice must submit the complaint in writing to the Department

PORT OF TACOMA APPRENTICESHIP COMMITTEE

- Must describe the controversy and provide any backup information
- Apprentice must also provide this information to the local sponsor

Within: 30 business days for supervisor to complete investigation

- If no settlement is agreed upon during investigation, then supervisor must issue a written decision resolving the controversy when the investigation is concluded

If the apprentice or sponsor disputes supervisor decision:

Within: 30 calendar days of supervisor's decision, request for WSATC hearing

- Request must be in writing
- Must specify reasons supporting the request
- Request and supporting documents must be given to all parties
- WSATC must conduct the hearing in conjunction with the regular quarterly meeting

Within: 30 calendar days after hearing

- WSATC to issue written decision

XI. COMMITTEE – RESPONSIBILITIES AND COMPOSITION

NOTE: The following is an overview of the requirements associated with administering an apprenticeship committee and/or program. These provisions are to be used with the corresponding RCW and/or WAC.

The sponsor is the policymaking and administrative body responsible for the operation and success of this apprenticeship program. A committee is responsible for the day-to-day operations of the apprenticeship program and they must be knowledgeable in the process of apprenticeship and/or the application of chapter 49.04 RCW and chapter 296-05 WAC. Sponsors must develop procedures for:

- A. Committee Operations (WAC 296-05-316): (Not applicable for Plant Programs)
Convene meetings at least three times per year of the program sponsor and apprenticeship committee attended by a quorum of committee members as defined in the approved Standards. If the committee does not indicate its definition of quorum, the interpretation will be “50% plus 1” of the approved committee members. Conference call meetings may be conducted in lieu of regular meetings but must not exceed the number of attended meetings and no disciplinary action can be taken during conference call meetings.
- B. Program Operations (Chapter 296-05 WAC - Part C & D):

PORT OF TACOMA APPRENTICESHIP COMMITTEE

1. The program sponsor will record and maintain records pertaining to the administration of the apprenticeship program and make them available to the WSATC or Department on request.

Records required by WAC 296-05-400 through 455 (see Part D of chapter 296-05 WAC) will be maintained for five (5) years; all other records will be maintained for three (3) years.

2. The sponsor will submit to the Department through the assigned state apprenticeship consultant the following list:

Forms are available on line at

<http://www.lni.wa.gov/TradesLicensing/Apprenticeship/FormPub/default.asp> or from your assigned apprenticeship consultant.

- Apprenticeship Agreements – within first 30 days of employment
 - Authorization of Signature forms - as necessary
 - Approved Training Agent Agreements (sponsor approving or canceling) – within 30 days
 - Minutes of Apprenticeship Committee Meetings – within 30 days of meeting (not required for Plant program)
 - Request for Change of Status - Apprenticeship/Training Agreement and Training Agents forms – within 30 days of action by sponsor
 - Journey Level Wage Rate – annually, or whenever changed
 - Request for Revision of Standards - as necessary
 - Request for Revision of Committee - as necessary
 - Related Supplemental Instruction (RSI) Hours Reports (Quarterly):
 - 1st quarter: January through March, by April 10
 - 2nd quarter: April through June, by July 10
 - 3rd quarter: July through September, by October 10
 - 4th quarter: October through December, by January 10
 - On-the-Job Work Hours Reports (bi-annual)
 - 1st half: January through June, by July 30
 - 2nd half: July through December, by January 31
3. The program sponsor will adopt, as necessary, local program rules or policies to administer the apprenticeship program in compliance with these Standards that must be submitted for Department approval and updating these Standards. The apprenticeship program manager may administratively approve requests for revisions in the following areas of the Standards:
 - Program name
 - Sponsor's introductory statement (if applicable)
 - Section III: Conduct of Program Under Washington Equal Employment Opportunity Plan
 - Section VII: Apprentice Wages and Wage Progression
 - Section IX: Related/Supplemental Instruction

PORT OF TACOMA APPRENTICESHIP COMMITTEE

- Section XI: Committee - Responsibilities and Composition (including opening statements)
 - Section XII: Subcommittees
 - Section XIII: Training Director/Coordinator
4. The sponsor will utilize competent instructors as defined in WAC 296-05-003 for related/supplemental instruction. Furthermore, the sponsor will ensure each instructor 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 instruction.

C. Management of Apprentices:

1. Each apprentice (and, if under 18 years of age, the parent or guardian) will sign an apprenticeship agreement with the sponsor, who will then register the agreement, with the Department before the apprentice attends the related/supplemental instruction classes, or within the first 30 days of employment as an apprentice. For the purposes of industrial insurance coverage and prevailing wage exemption under RCW 39.12.021, the effective date of registration will be the date the agreement is received by the Department.

The Department must be notified within 30 days of program approval, of all requests for disposition or modification of agreements, with a copy of the minutes approving the changes, which may be:

- Certificate of completion
 - Additional credit
 - Suspension (i.e. military service or other)
 - Reinstatement
 - Cancellation and/or
 - Corrections
2. Rotate apprentices in the various processes of the skilled occupation to ensure the apprentice is trained to be a competent journey-level worker.
 3. Periodically review and evaluate apprentices before advancement to the apprentice's next wage progression period. The evidence of such advancement will be the record of the apprentice's progress on the job and during related/supplemental instruction.
 4. The sponsor has the obligation and responsibility to provide, insofar as possible, continuous employment for all apprentices in the program. The sponsor may arrange to transfer an apprentice from one training agent to another or to another sponsor when the sponsor is unable to provide reasonably continuous employment, or they are unable to provide apprentices the diversity of experience necessary for training and experience in the various work processes as stated in these Standards. The new sponsor or training agent will assume all the terms and

PORT OF TACOMA APPRENTICESHIP COMMITTEE

conditions of these Standards. If, for any reason, a layoff of an apprentice occurs, the apprenticeship agreement will remain in effect unless canceled by the sponsor.

5. An apprentice who is unable to perform the on-the-job portion of apprenticeship training may, if the apprentice so requests and the sponsor approves, participate in related/supplemental instruction, subject to the apprentice obtaining and providing to the sponsor written requested document/s for such participation. However, time spent will not be applied toward the on-the-job portion of apprenticeship training.
6. Hear and adjust all complaints of violations of apprenticeship agreements.
7. Upon successful completion of apprenticeship, as provided in these Standards, and passing the examination that the sponsor may require, the sponsor will recommend that the WSATC award a Certificate of Completion of Apprenticeship. The program will make an official presentation to the apprentice that has successfully completed his/her term of apprenticeship.

D. Training Agent Management:

1. Offer training opportunities on an equal basis to all employers and apprentices. Grant equal treatment and opportunity for all apprentices through reasonable working and training conditions and apply those conditions to all apprentices uniformly. Provide training at a cost equivalent to that incurred by currently participating employers and apprentices. Not require an employer to sign a collective bargaining agreement as a condition of participation.
2. Determine the adequacy of an employer to furnish proper on-the-job training in accordance with the provisions of these Standards. Require all employers requesting approved training agent status to complete an approved training agent agreement and comply with all federal and state apprenticeship laws and the appropriate apprenticeship Standards.
3. Submit approved training agent agreements to the Department with a copy of the agreement and/or the list of approved training agents within thirty days of committee approval. Submit rescinded approved training agent agreements and/or the list of approved training agents to the Department within thirty days of said action.

E. Composition of Committee: (see WAC 296-05-313)

Apprenticeship committees must be composed of an equal number of management and non-management representatives composed of at least four members but no more than twelve. If the committee does not indicate its definition of a quorum, the interpretation will be "50% plus 1" of the approved committee members.

PORT OF TACOMA APPRENTICESHIP COMMITTEE

Apprenticeship committees shall elect a chairperson and a secretary who shall be from opposite interest groups, i.e., chairperson-employers; secretary-employees, or vice versa; EXCEPT, this does not apply where the Registration Agency represents the apprentice(s).

For plant programs the WSATC or the Department designee will act as the employee representative.

Quorum: **Two management representatives and two labor representatives shall constitute a quorum.**

Program type administered by the committee: **INDIVIDUAL JOINT**

The employer representatives shall be:

**Bernice Griffin, Secretary
PO Box 1837
Tacoma, WA 98401-1837**

**Louis Cooper, Jr.
PO Box 1837
Tacoma, WA 98401-1837**

**Bruce Koch
PO Box 1837
Tacoma, WA 98401-1837**

**Kevin Zinski, Alternate
PO Box 1837
Tacoma, WA 98401-1837**

**Bryon Boerner, Alternate
PO Box 1837
Tacoma, WA 98401-1837**

**Carol Mitchell, Alternate
PO Box 1837
Tacoma, WA 98401-1837**

The employee representatives shall be:

**Dave Fjeld, Chair
PO Box 1837
Tacoma, WA 98401-1837**

**Dave Williams
PO Box 1837
Tacoma, WA 98401-1837**

**Mike Dootson
PO Box 1837
Tacoma, WA 98401-1837**

**Mark Beckham, Alternate
PO Box 1837
Tacoma, WA 98401-1837**

**Carl Paddock, Alternate
PO Box 1837
Tacoma, WA 98401-1837**

PORT OF TACOMA APPRENTICESHIP COMMITTEE

XII. SUBCOMMITTEE:

Subcommittee(s) approved by the Department, represented equally from management and non-management, may also be established under these Standards, and are subject to the main committee. All actions of the subcommittee(s) must be approved by the main committee.

NONE

XIII. TRAINING DIRECTOR/COORDINATOR:

The sponsor may employ a person(s) as a full or part-time training coordinator(s)/training director(s). This person(s) will assume responsibilities and authority for the operation of the program as are delegated by the sponsor.

**Bernice Griffin, Coordinator
PO Box 1837
Tacoma, WA 98401**