



*Puget Sound*  
**ELECTRICAL APPRENTICESHIP and TRAINING TRUST**  
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**PUGET SOUND ELECTRICAL APPRENTICESHIP  
 SPONSORED BY THE PUGET SOUND ELECTRICAL  
 JOINT APPRENTICESHIP AND TRAINING COMMITTEE (J.A.T.C.)**

**Representing**

Local Union No.46  
 International Brotherhood  
 of Electrical Workers (I.B.E.W.)

Puget Sound Chapter  
 National Electrical Contractors  
 Association (N.E.C.A.)

**LOW ENERGY/SOUND & COMMUNICATION TECHNICIAN PROGRAM**

The Electrical Industry is in the forefront of advancing technology. Communications equipment and circuitry are becoming increasingly complex. The industry recognizes that it must attract qualified people for apprenticeship and has “ear marked” its own scholarship money for training.

- Apprentices are employed workers. They have a contract that provides for regular wage and benefits increases as well as diversified training.
- You learn to work with modern tools and machines.
- You work under the direction of a competent technician who teaches you in the shop and at the job site.
- As your knowledge and skills increase, your rate of pay will increase.
- In addition to becoming a qualified Sound & Communication Technician, your education will prepare you for career opportunities as a foreman, or lead technician. You may also qualify for special work with the city, county, state and federal governments. Many contractors started their careers as apprentices.
- A Washington State driver’s license is required, as many contractors have vehicles that need to be operated.
- 210 hours of classroom instruction is scheduled for each of the three years of apprenticeship.
- The cost of the opportunity is approximately \$300 to \$475 a year for books and approximately \$450 to \$500 for tuition per year.

The current journey level rate is \$25.78 per hour. Beginning apprentices start at 60% of journey scale (currently equates to \$15.47 per hour) with future wage progressions as follows:

PERIOD	%JW RATE	WAGE	MIN. OJT HRS.		COMPLETED TRAINING REQUIRED TO ADVANCE TO NEXT PERIOD
1	60%	\$15.47	0 – 800	+	Satisfactory Progress
2	65%	\$16.76	801-1600	+	1 <sup>st</sup> Year School
3	70%	\$18.05	1601-2400	+	Satisfactory Progress
4	75%	\$19.34	2401-3200	+	2 <sup>nd</sup> Year School
5	80%	\$20.62	3201-4000	+	Satisfactory Progress
6	85%	\$21.91	4001-and above		**

\*\*Apprentices will be eligible for advancement to Journeyman Technician classification when all JATC program requirements are met and the apprentice is “turned out” by the JATC.

- Construction work is often seasonal. Close and confined spaces are part of the work, as well as working off of ladders, scaffolds, and lifts.
- The program is looking for enthusiastic, responsible people with good mechanical skills and mathematics aptitude to enter our apprenticeship.

Apprenticeship in the low voltage construction and service industry is a versatile occupation. Your ability and ambition are the only limiting factors.



## **PSEJATC AGILITY TESTING**

After selection but prior to registration, ALL individuals being offered an apprenticeship will be required to take and pass a drug test, background check, physical examination and agility test. The following information outlines the required tasks in the agility test.

### **Sound & Communications Technician**

#### Task #1

The candidate will use a Phillips and a flat tip screwdriver to remove 6 screws, 2 nuts and 2 washers that are in the bus bar and replace them as quickly as they can. The candidate will complete this task one time. Time allowed: 3 minutes and 15 seconds.

#### Task #2

The candidate will lift each spool (total of 4), one at a time, off of a wire cart and load onto a pallet. The candidate will then replace these spools back onto the wire cart in their original positions. Each spool weighs 35 pounds and is lifted between 10" and 30". The candidate will complete this task one time. Time allowed: 2 minutes and 30 seconds.

#### Task #3

The candidate will pull downwards on rope at shoulder level with a force gauge attached as hard as possible reaching a minimum of 100 pounds of force. The candidate will complete this task one time. Time allowed: 15 seconds.

#### Task #4

The candidate will pull upwards on rope at mid thigh level with a force gauge attached as hard as possible reaching a minimum of 100 pounds of force. The candidate will complete this task one time. Time allowed: 15 seconds.

#### Task #5

The candidate will stand 15' to the left side of a sled loaded with 60 pounds. The candidate will pull the rope hand over hand to the left until the sled is 1' from the candidate. This is repeated on the right side. The candidate will complete this task one time each way. Time allowed: 30 seconds each way.

#### Task #6

The candidate will carry a 10' step ladder and set it up at the base of a wall. They will then climb up the ladder and touch the wall, then climb back down the ladder. The candidate then will return the ladder to its original position.

#### Task #7

The candidate will pick up and position the mid-point of a bundle of conduit weighing 44 pounds onto their shoulder. The candidate will walk up two flights of stairs. The candidate will then turn around and walk back down the stairs and return the conduit to the original position. The candidate will complete this task one time. Time allowed: 3 minutes.

**There is a qualifying lift of 78 pounds required in order to be allowed to take this test. This lift is done by lifting a box straight up from the floor keeping the back straight and lifting with the legs.**