



Port of Portland  
Marine Electrician - Limited Time Duration

SALARY	\$57.64 Hourly	LOCATION	Portland 97203, OR
JOB TYPE	Full-Time Represented	JOB NUMBER	02125
DIVISION	Trade & Economic Development	DEPARTMENT	Marine Ops
OPENING DATE	08/28/2025	CLOSING DATE	9/14/2025 11:59 PM Pacific
FLSA	Non-Exempt		

The Position



We are seeking an experienced **Journeyman Electrician** to join our team at the Port of Portland, working specifically within our marine terminal operations. In this critical role, you will be responsible for maintaining and repairing electrical systems and equipment that support the smooth functioning of port activities, including cranes, conveyors, lighting, and other terminal infrastructure.

**Note:** This is a seasonal opportunity with an expected sunset date after 6 to 8 weeks of employment.

Essential Job Duties

- Work hours typically fall between 7 a.m. and 3:30 p.m., Monday through Friday, with rotating shifts that may include nights and weekends. Overtime is required.
- Perform maintenance of electrical control systems on Port of Portland container cranes.
  - Troubleshoot and repair large direct current (DC) motors and DC motor controls.

- Troubleshoot electrical and electronic controls, including relay logic, Programmable Logic Controller (PLC) programming, and radio and/or micro-wave controls.
- Perform maintenance of electrical distribution systems from voltages that range from 120 to 12.5KV volt branch circuits.
- Repair and/or replace any and all electrical systems at Marine facilities.
- Install and start-up new equipment, associated feeders, branch circuits, and controls.
- Gate receipt check in, plug/unplug, and monitor refrigerated containers. Maintain accurate temperature records.

**Note:** If you are a Journeyman Electrician licensed in Arkansas, Idaho, Maine, Montana, Utah or Wyoming please let us know when you submit your application. The State of Oregon will grant reciprocity from these six states and you may qualify for a reciprocal license. If selected for this position, the Port of Portland will cover the cost of your reciprocal license application fee.

## Minimum Qualifications

- Oregon State General Journeyman license at time of hire is required.
- Experience and/or course work in technical electronics is preferred.
- Knowledge of PLC based control systems is preferred; specifically ABB/General Electric is preferred.
- Knowledge of the following:
  - Variable frequency drives
  - Closed-circuit television systems and camera controls
  - Engine powered generators
- Ability to obtain and maintain a valid Driver's License is required.
- Employees in this position must be required to successfully pass and maintain security clearance relevant to assigned duties such as SIDA (Security Identification Display Area), TWIC (Transportation Worker Identification Credential), CJIS (Criminal Justice Information Systems), etc.

### *Demonstrated Skills:*

- Troubleshoot PLC and DC motor drives and controls, electrical troubleshooting, use of various testing equipment, HVAC controls, range of work on different voltages, CCTV and camera control, fire alarm maintenance, and work with fiber optics and coax cable applications.
- Adept at expressing ideas clearly both verbally and in writing.
- Promote safety as a guiding principle and a regular practice in accomplishing work.
- Proven team player who shows the utmost respect for others.

### *Ability to:*

- Work outdoors year-round and at high elevations, as needed.
- Read and understand electrical prints and technical manuals.
- Perform routine tasks with manual dexterity, physical coordination, and stamina.
- Work independently or effectively in collaboration with team members.
- Proficient at using computers as trouble shooting tools.
- Demonstrate commitment to valuing differences among individuals and passion for being inclusive.

## About us:

At the Port of Portland, we use everything we have – our three airports, three working marine terminals, six business parks, and all the resources, expertise, and experience behind them – to move with purpose, connecting people with powerful opportunities and creating value for our region. We know that every person we hire, business we work with, contract we sign and decision we make is a chance to make someone's life better. And we'll use our power and influence to unlock new opportunities and ensure more people share in our region's success. With YOUR help – together with our partners, customers, and community – we'll help drive meaningful change!

## Do you have questions about this job?

Contact us: [careers@portofportland.com](mailto:careers@portofportland.com)

**Safety:** The Port promotes safety as a Core value and we seek to eliminate harm through a culture of active prevention, curiosity, evaluation, and action. We comply with safety and health policies and procedures and consistently look for improvements that support operational excellence.

**Equal Opportunity Employer:** The Port of Portland is dedicated to maintaining and improving a work environment, which extends equal opportunity to all individuals, regardless of their race, color, sex, age, religion, national origin, marital status, veteran status, disability or sexual orientation. Employment decisions shall be made in such a manner as to further the principle of equal employment opportunity and to comply with state, federal and local laws. We affirm through this policy statement our continuing commitment to the principles of nondiscrimination.

**Veterans Preference:** Under Oregon law, qualified veterans may be eligible for veterans' preference when applying for Port of Portland positions. If you are a veteran and would like to be considered for a veteran's preference for this job, please provide the qualifying documents as instructed during the application process.

**Background Checks and Drug Testing:** The Port of Portland will conduct background checks and/or drug tests for positions where such tests are required by regulation and for other safety-sensitive positions.

**ADA Accommodation:** Accommodations will be considered for applicants or candidates with a qualifying disability that prevents them from participating in this process. Accommodations will be made where the Port can reasonably do so without imposing an undue hardship on the business or compromising the integrity of the recruitment process. An applicant with any disability who believes that they need an accommodation should contact Human Resources: call 503-415-6690 or email [careers@portofportland.com](mailto:careers@portofportland.com).

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**Employer**

Port of Portland

**Address**

7200 NE Airport Way

Portland, Oregon, 97218

**Website**<https://www.portofportland.com/Careers>

## Marine Electrician - Limited Time Duration Supplemental Questionnaire

**\*QUESTION 1****Do you have an Oregon State General Journeyman License?**

- ☐ Yes!
- ☐ Yes, it's from a different state (not Oregon).
- ☐ I do not have a Journeyman Electrical License.

**\* Required Question**