

Public Notice dated: August 29, 2019

**Area III Sheet Metal/HVAC Environmental Systems Installer
Joint Apprenticeship Training Committee MA-3025**

Ranked Selection
DOT #637.261-014
BOLI 0637.0

This program is registered with the Oregon State Apprenticeship & Training Council
and is recognized by the Bureau of Labor and Industries

**APPRENTICESHIP OPPORTUNITY and APPLICATION INFORMATION
for
HVAC Environmental Control System Servicer / Installer**

Applications for apprenticeship in this trade will be distributed during the following dates:

Application Opening Date: **September 30, 2019**

Application Closing Date: **October 11, 2019**

FINAL DAY FOR ACCEPTING RETURNED APPLICATIONS: October 25, 2019

Geographical Area: Lane and Douglas Counties

Minimum Qualifications for Applicants are:

1. Minimum of eighteen (18) years of age.
2. High School graduate or a GED certificate of equivalency.
3. A grade of "C" or better in one year of high school Algebra or its equivalent. (Equivalent would consist of a post-high school algebra course or a college placement test showing placement to be above beginning algebra.)

Applications are available at:

nwapprenticeship.org

Please click on the link for Area III SM/HVAC

READ ALL ATTACHMENTS WITH THE APPLICATION, SUBMIT APPLICATIONS WITH REQUIRED DOCUMENTS AS LISTED IN THE SUPPORTING DOCUMENTS

return to : **NW Apprenticeship Services**
4727 San Francisco Dr. NE
Salem, OR 97305

Notes:

1. Non-returnable documentation proving educational requirements (a copy of high school diploma, high school transcripts, GED certificate) and age (copy of driver's license or other valid ID) must accompany the application.
2. Employers may also require a valid driver's license, drug testing, back ground checks or other job-related considerations.

Returned application packages MUST be postmarked no later than October 25, 2019

Ranked Selection: Applications of individuals who meet the minimum qualifications will be ranked in the pool by a random draw process. Each applicant will be notified of his/her status in the hiring pool by mail.

**WOMEN AND MINORITIES ARE ENCOURAGED TO APPLY
VETERANS WHO HAVE GI BENEFITS MAY USE THEM IN THIS PROGRAM**

Description of Work: HVAC Environmental Control Systems Servicers / Installers work in all phases of Heating, Ventilating, and Air Conditioning Systems. They trouble shoot, as well as install, HVAC equipment. Service technicians may deal with residential, commercial and industrial applications. They are required to have a DEQ Frigeration Handling License and a State of Oregon Low Voltage Electrical License. They often troubleshoot high voltage and environmental problems. The work also involves some heavy lifting and working in high places. They are constantly working around areas where high voltage, plumbing, and sheet metal work is occurring.

Working Conditions: The work in this trade is done both indoors and outdoors, in existing and newly constructed buildings, in residential and commercial structures, and in all kinds of weather around noise, mud, and debris. Individuals in this trade often work in cramped areas and in awkward positions.

Work Processes for HVAC: Apprenticeship consists of both on-the-job training and related classroom training. The on-the-job training consists of the following:

Approximately 8,000 hours (4 years) of on-the-job training will be required to complete this program. The work processes to be learned and the minimum hours required for each are:

| | | |
|----|--|--------------------|
| 1. | Installations..... | 1,750 hours |
| 2. | Troubleshooting & maintenance..... | 250 hours |
| 3. | Basic Electricity | 300 hours |
| 4. | Installation and service..... | 400 hours |
| 5. | Electric, Electronic and Pneumatic Controls..... | 1,000 hours |
| 6. | Basic refrigeration..... | 1,200 hours |
| 7. | Miscellaneous..... | 1,100 hours |
| 8. | Occupation Specific | <u>2,000 hours</u> |
| | Total | 8,000 hours |

Related Training: A minimum of 144 hours of related training shall be required each year. To be credited for related training hours, the apprentice must earn a grade of “C” or higher in graded classes and a “P” in Pass/No Pass classes. Related training will cover the following subjects:

- | | | |
|---|---|--|
| 1. Electrical mathematics | 7. Electrical measuring devices | 14. Refrigeration and air conditioning principles |
| 2. Safety and accident prevention | 8. Wiring methods | 15. Pumps and compressors |
| 3. Care and use of hand and power tools | 9. Related electrical statutes and rules | 16. Motors and control devices |
| 4. Blueprint reading and electrical symbols | 10. Fundamentals of electronics | 17. Electric and gas appliances service and installation |
| 5. Introduction to the National Electrical Code | 11. Transformers | 18. Heating and duct design |
| 6. Electrical fundamentals and basic theory | 12. Lightning circuits | 19. Customer relations |
| | 13. Basic mechanics; applied physics and theory | |

Wage Schedule: The average wage for journey workers employed by participating employers as of July 1, 2019, for HVAC is \$32.74 per hour. The average wage in this occupation will be updated by the Committee at least annually and will be recorded in the minutes of the Committee. The progressive wage scale to be paid the apprentice is as follows:

| | | | |
|-----------------------------------|---------------------|-----------------------------------|---------------------|
| 1 st 1,000 hour period | 50% of average wage | 5 th 1,000 hour period | 70% of average wage |
| 2 nd 1,000 hour period | 55% of average wage | 6 th 1,000 hour period | 75% of average wage |
| 3 rd 1,000 hour period | 60% of average wage | 7 th 1,000 hour period | 80% of average wage |
| 4 th 1,000 hour period | 65% of average wage | 8 th 1,000 hour period | 80% of average wage |

**Contact: Lou Long with any questions or if you need additional information
at 541-279-1543**