



HEATING VENTILATION AND AIR CONDITIONING (HVAC) REFRIGERATION TECHNICIAN III

Position Summary

The purpose of this position is to maintain and repair refrigeration, air conditioning, ventilation, heating, pneumatic, and kitchen appliance mechanical equipment and associated electrical circuitry. This position also maintains and repairs low voltage electronic temperature control systems throughout the district.

Supervisory Relationship

This position reports to the Mechanical Supervisor and may provide technical oversight to assigned trainees or staff.

Essential Functions

1. Inspect, diagnose, and repair refrigeration, air conditioning, ventilation, heating, pneumatic and kitchen appliance mechanical equipment and associated electrical circuitry.
2. Test and measure pressure, temperature, airflow, electrical voltages, amp draws and ohm readings, refrigerant leaks, fan motor rpm's, and refrigeration compressor oil levels to determine source of malfunction.
3. Operates recovery tanks and vacuum pumps relevant to adding and evacuating air conditioning refrigerant.
4. Monitor and modify building temperatures for comfort and efficiency by using computer based heating and cooling monitoring and reprogramming.
5. Repair and/or or replace electrical, and electronic equipment to maintain temperature comfort levels at minimum energy costs.
6. Maintain equipment and supply inventories; keep records of maintenance schedules, work performed, and supplies used.
7. Prioritize and schedule work according to nature and severity of problem.
8. Provide estimates of repair costs.
9. Remain informed on technological developments, industry advancements, trade qualifications, and refined application techniques.
10. May be called upon to direct the work of HVAC temporary personnel.
11. Travel to and from building sites and district facilities building as needed.
12. Maintains regular and prompt attendance.
13. Performs other related duties as assigned

Required Knowledge, Skills and Abilities

1. Journey level knowledge of the operation, maintenance and repair of refrigeration, air conditioning, heating, pneumatic, kitchen appliance equipment and computer based electronic temperature control systems.

2. Ability to operate tools such as electrical testing instruments, air flow meters, power and hand tools, pressure gauge manifolds, refrigerant leak detectors, and oxy-acetylene and arc welding equipment.
3. Ability to read and understand diagrams and repair manuals, and to convey technical specifications orally and in writing.
4. Ability to apply safety practices in equipment use and service.
5. Ability to oversee and direct the work of seasonal and temporary workers

Minimum Qualifications

- Three years of journey level experience in HVAC and refrigeration repair.
- Possession of a valid State of Oregon driver's license.
- Possession of a valid EPA approved Refrigerant license.
- Possession of a valid Limited Maintenance Electrical, (LME), license that minimally allows for the "maintenance and repair" of circuitry 600 volts or less to ground.

Work Environment

- Works in a maintenance shop facility or in District buildings.
- Travel to and from building sites and district facilities building is required
- Must be able to position and reposition oneself in restricted spaces.
- Assignments may require ascending and descending a ladder to service equipment, moving and positing equipment and gear weighing in excess of 50lbs, exposure to risk of electric shock. Chemical fumes, airborne fiberglass or asbestos particles, and noise of operating equipment.
- Incumbents may be required to perform emergency repairs during evening or weekends.

ADDITIONAL INFORMATION	
Employee Unit	OSEA Classified
Pay Grade	Grade 14 – 12 Month Calendar
Approved by	Cydney Vandercar Asst. Superintendent for Administrative Services
Last revised	April 11, 2018