Environmental Trades Technician II (0865)

**Basic Purpose/Job Function:** Repairs and performs preventive maintenance on refrigerators, window air conditioners, freezers, ice-making machines, and air compressors. Also maintains chilled water air conditioning systems and pneumatic control systems.

**Examples of Titles Replaced:** Environmental Control Specialist; Environmental Control Technician; Power Plant Operator

**Typical Functions May Include:**

1. Diagnosing refrigeration and air conditioning problems
2. Maintaining refrigerators, window air conditioners, freezers, ice-making machines, and air compressors
3. Maintaining mechanical and electrical equipment on refrigeration and air conditioning units up to 200 tons
4. Maintaining and troubleshooting sophisticated pneumatic and electric control systems and reading electrical and pneumatic control prints
5. Performing soft solders, silver solders, and low temperature brazes tubing and piping systems
6. Performing routine maintenance on pneumatic control systems such as calibrating and repairing air relays thermostats, pilot positioners, valve and damper operations, and VAV box controls
7. Maintaining the truck inventory
8. Restarting variable frequency drives after power outages
9. Performing air balance on HVAC systems
10. Performing minor modifications to electrical or pneumatic systems
11. Performing other related duties as assigned

**Risk Management:** Uses established safety practices to protect health and safety of personnel and property.

**Supervision of Others:** Has no regularly assigned supervisory responsibility. Occasionally supervises employees on a temporary basis.

**Supervision Received:** Receives general supervision from a designated supervisor.

**Minimum Qualifications:**

- **Education:** High School diploma or GED
- **Experience:** 36 months
- **Type:** Refrigeration and air conditioning
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- **Skills**: Uses tools or equipment with expertise; reads and interprets complex written or printed materials such as diagrams; communicates orally and/or in writing to give simple instructions; performs recordkeeping operations, making changes to existing records including computerized records; and must be able to perform math computations.

- **Special Requirements**: Climbing ladders and stairs; frequent and repeated bending, stooping, and kneeling; working with multi-ton equipment and electricity; crawling under structures and through tunnels; working with arms extended above head, while lying down, and in extremely disagreeable weather conditions; carrying tools up to and/or in excess of fifty pounds up or down stairs; regular exposure to heavy lifting (minimum seventy-five pounds), and extreme temperature changes and safety hazards; working on rooftops that exceed ten feet; using pipe wrench, hammer, pliers, and assorted mechanical tools; moving furniture and heavy equipment; loading and unloading truck manually and using forklifts; demolishing and removing air conditioning and refrigeration equipment; working with hazardous materials; using good eyesight and hearing to prevent safety hazards; and using repeated hand and wrist movements.

- **Licenses**: Valid Oklahoma Driver’s License

- **Certifications**: Refrigerant Recovery Certification; Apprentice card

Minimum requirements may be met by an equivalent combination of education and experience, unless otherwise designated in writing by the department.

Departments are responsible for site-specific job descriptions.