**Senior Utilities Refrigeration Technician Standard Job Description**

**Classification Title:** Senior Utilities Refrigeration Technician

**FLSA Exemption Status:** Non-Exempt

**Pay Grade:** 11

**Minimum Pay:** $26.69

**Job Description Summary:**

The Senior Utilities Refrigeration Technician, under direction, executes the maintenance of industrial systems safely and efficiently to restore or improve the reliability of equipment being maintained. Ensures compliance in accordance with the Utilities Refrigerant Management Plan.

**Essential Duties and Tasks:**

**40% Inspection and Repair of Equipment**

* Performs inspection, maintenance, and repair of large industrial chillers, steam turbines, chilled water support systems, evaporators, condensers, compressors, and other associated auxiliary equipment.
* Diagnoses malfunctions through root cause analysis and makes recommendations to avoid future failures.
* Performs shaft alignments and maintains and replaces bearings, lubricants, packing, and seals.

**20% Leadership and Coordination**

* Acts in a leadership capacity and oversees several complex jobs concurrently which may require travel to satellite plants.
* Provides direction to the crew in the field during the absence of the Master Utilities Refrigeration Technician.
* Assists in the preparation of cost estimates, materials requisitions, and manpower requirements for large equipment.

**10% Vibration Analysis and Corrective Actions**

* Accurately acquires and records vibration information on industrial chillers and support machinery.
* Works to interpret vibration information and performs corrective action based on that information.

**10% Safety and Compliance**

* Contributes to a safe work environment by reporting accidents and unsafe working conditions.
* Uses proper personal protective equipment and follows safety procedures outlined in Material Safety Data Sheets.

**20% Duty Title (for the department's use)**

* Remaining Percentage Can Be Determined by Department to Meet Business Needs or Can Be Incorporated into Percentages Above

**Required Education and Experience:**

* High school diploma or equivalent combination of education and experience.
* Five years of related experience.

**Required Licenses and Certifications:**

* None

**Required Knowledge, Skills, and Abilities:**

* Ability to multitask and work cooperatively with others.
* Knowledge of computerized maintenance management or asset management systems. Knowledge of instrumentation and control systems.
* Ability to communicate clearly and effectively to ensure understanding.
* Strong interpersonal and organizational skills.
* Ability to provide systems modifications.

**Machines and Equipment:**

* Computer
* Hand Tools
* Forklift
* Cranes

**Physical Requirements:**

* Ability to climb stairs, ladders, and other terrain.
* Ability to lift and move heavy objects.

**Other Requirements and Factors:**

* None

**Is this role ORP Eligible? If so, it needs to meet the criteria on the** [**Rules and Regulations of the Texas Higher Education Coordinating Board**](https://reportcenter.highered.texas.gov/reports/data/user-friendly-version-of-ch-25/)**.**

[ ]  **Yes**

[x]  **No**

**Does this classification have the ability to work from an alternative work location?**

[ ]  **Yes**

[x]  **No**