**Master Utilities Maintenance Technician Standard Job Description**

**Classification Title:** MasterUtilities Maintenance Technician

**FLSA Exemption Status:** Non-Exempt

**Pay Grade:** 12

**Minimum Pay:** $27.72

**Job Description Summary:**

The Master Utilities Maintenance Technician, under direction, performs preventive, predictive, and corrective maintenance on plant equipment and machinery as needed. Takes a leadership role in ensuring that mechanical maintenance is executed safely and efficiently and in such a manner as to restore or improve the reliability of the equipment being maintained.

**Essential Duties and Tasks:**

**40% Preventive and Corrective Maintenance**

* Performs preventive and corrective maintenance and repairs on various equipment such as cooling tower fans, pumps, heat exchangers, and water pumps.
* Diagnoses malfunctions through analysis and performs repairs, troubleshooting, and recommendations to avert future repairs.
* Maintains cooling tower chemical balance and low conductivity water system chemical balance.
* Performs maintenance on building air compressors and hydraulic systems.

**20% Installation and Repair**

* Installs and repairs copper pipes with valves as needed.
* Makes repairs to chemical storage, transfer, and injection systems.
* Fits and welds steam piping, high-pressure water piping, and structural steel; brazes and solders connections.

**10% Oversight and Direction**

* Provides direction to staff as needed.
* Assists in the preparation of cost estimates for new project installations and materials requisitions.
* Assists in scheduling and supervising work, ensuring compliance with established plans.

**10% Safety and Compliance**

* Ensures that all tools, ladders, and containers/materials are properly stored between work days.
* Participates in skill development initiatives and maintains a working knowledge of relevant codes and standards.
* Performs general housekeeping to keep the work site clean.

**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.
* Seven years of experience in a related field.

**Required Licenses and Certifications:**

* None

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

* Ability to multitask and work cooperatively with others.
* Knowledge of mechanical diagnostic tools, which may include laser alignment and vibration data processors.
* Knowledge of root cause analyses methods.

**Machines and Equipment:**

* Computer
* Telephone
* Hand Tools & Equipment

**Physical Requirements:**

* Ability to lift and move heavy objects.
* Ability to climb stairs and ladders and stand for extended periods of time.

**Other Requirements and Factors:**

* This position is security sensitive.
* This position requires compliance with state and federal laws/codes and Texas A&M University System/TAMU regulations and procedures.
* Works to cover shifts, or take emergency call, on evenings, weekends, and holidays as required.

**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**