**Utilities Instrumentation Technician Standard Job Descriptions**

**Classification Title:** Utilities Instrumentation Technician

**FLSA Exemption Status:** Non-Exempt

**Pay Grade:** 11

**Minimum Pay:** $30.85

**Job Description Summary:**

The Utilities Instrumentation Technician, under general supervision, performs highly skilled technical work in the maintenance, inspection, adjustment, calibration, and repair of pneumatic and electronic control system equipment.

**Essential Duties and Tasks:**

**60%: Technician**

* Assists in the overhaul of gas and steam turbine generators, boilers, absorption and centrifugal chillers, pumps, motors, and other equipment.
* Adjusts, calibrates, and tunes equipment
* Troubleshoots all instrumentation and control systems.
* Performs preventative maintenance duties for all systems.
* Assists the Master Utility Instrumentation Technician in the supervision of instrumentation maintenance and repairs.

**20%: Documentation**

* Maintains documentation of all repairs, calibrations, control points, and alarm and trip points of each piece of equipment.

**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.
* Three years of related experience.

**Required Licenses and Certifications:**

* Class C driver's license or the ability to obtain within 30 days of hire.

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

* Ability to troubleshoot and repair sophisticated plant control systems and read and update drawings to optimize plant operation.
* Knowledge of power plant and utility system hydroponics, steam, compressed air, and electrical and communications systems.
* Ability to adjust, calibrate, tune, and troubleshoot sufficiently to correct problems or determine repairs required.
* Ability to read and update P&ID drawings to optimize plant operation.

**Machines and Equipment:**

* Vehicle
* Repair Equipment
* Electronic and Pneumatic Control System

**Physical Requirements:**

* Ability to work outdoors exposed to various weather conditions, potential allergens, elevated noise levels, and heat.
* Ability to move heavy objects.

**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.
* This position will be subject to yearly motor vehicle record checks.

**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**

**No**

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

**Yes**

**No**