**Senior Utilities Instrumentation Technician Standard Job Description**

**Classification Title:** Senior Utilities Instrumentation Technician

**FLSA Exemption Status:** Non-Exempt

**Pay Grade:** 13

**Minimum Pay:** $28.22

**Job Description Summary:**

The Senior Utilities Instrumentation Technician, under general supervision, assists in the supervision of and 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.

**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.
* Five 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.
* Ability to multitask and work cooperatively with others.

**Machines and Equipment:**

* Vehicle
* Repair Equipment
* Pneumatic and Electronic 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**

[x]  **No**

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

[ ]  **Yes**

[x]  **No**