**Texas A&M University Master Utilities Instrumentation Technician**

**Classification Title:** Master Utilities Instrumentation Technician

**FLSA Exemption Status:** Non-Exempt

**Pay Grade:** 14

**Minimum Pay:** $40.88

**Job Description Summary:**   
The Master Utilities Instrumentation Technician is responsible for supervising the electrical and instrumentation maintenance of the central campus power plant and satellite plants.

**Essential Duties and Tasks:**

**50%: 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
* Provides assistance on difficult problems and directs the repairs of instrumentation and control systems.

**20%: Supervision**

* Supervises the maintenance and repairs for all utility plant instrumentation and electrical systems.
* Supervises and performs preventive maintenance duties for all systems. These duties may require operative a university vehicle to travel to satellite plants around campus.

**10%: 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.
* Eight 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.

**Machines and Equipment:**

* Vehicle
* Repair Equipment
* Electronic and Pneumatic Control Systems

**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.
* 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**

**No**

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

**Yes**

**No**