**Utilities Water Quality Technician Standard Job Description**

**Classification Title:** Utilities Water Quality Technician

**FLSA Exemption Status:** Non-Exempt

**Pay Grade:** 8

**Minimum Pay:** $20.68

**Job Description Summary:**

This Utilities Water Quality Technician is responsible for safely and efficiently operating the water treatment equipment, systems, and laboratory requirements with the various utility plants.

**Essential Duties and Tasks:**

**40%: Lab Work**

* Daily operates laboratory instruments such as conductivity, pH, dissolved oxygen, spectrophotometer, and related equipment used to analyze compounds and elements in water and wastewater.
* Compiles and records laboratory data using manual and personal computer-based data management systems.
* It will be necessary to drive a university vehicle in the execution of this and other duties for this position

**20%: Sampling**

* Performs sampling for chemical, physical, and biological analysis to monitor and control plant operations related to boiler and thermal system operations to ensure adequate treatment is maintained and compliance with any applicable State/Federal regulations daily.

**20%: Maintenance**

* Performs repairs and preventative maintenance on water treatment equipment.
* As required, adjusts, and operates water treatment equipment to maintain adequate treatment based on test results.

**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 utility plant operation or utility plant maintenance experience and one year of utility plant water treatment experience.

**Required Licenses and Certifications:**

* Must have a valid Class "C" Texas Driver License within 30 days of employment.
* Must be able to obtain TCEQ Class "C" Water Operator or Wastewater Treatment Operator License within 6 months of employment.

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

* Ability to comprehend oral and written instructions.

**Machines and Equipment:**

* University vehicle
* Computer
* Laboratory Instruments

**Physical Requirements:**

* 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.
* Completion of TAMU Utilities & Energy management training program for this position within 6 months of employment.

**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**