 **Senior Utilities Electrician Standard Job Description**

**Classification Title:** Senior Utilities Electrician

**FLSA Exemption Status:** Non-Exempt

**Pay Grade:** 10

**Minimum Pay:** $28.20

**Job Description Summary:**

The Senior Utilities Electrician, under direction, supervises the installation, maintenance, and servicing of electrical systems associated with University utilities plant.

**Essential Duties and Tasks:**

**40% Electrical Installation and Maintenance**

* Installs and repairs high voltage cables.
* Performs electrical maintenance, installation, testing, troubleshooting, and repairs to industrial plant equipment and systems, including domestic and heating hot water boilers, air compressors, and chillers.
* Tests and repairs generators, including exciter and voltage regulating systems.

**20% Testing and Troubleshooting**

* Tests cables with various testing equipment such as phasing and insulation testing.
* Locates cables that range from low to high voltage throughout campus for various contractors.
* Tests, installs, and repairs generators, bus and feeder protection relays, and uninterruptable power systems.

**10% Training and Supervision**

* Trains assistants, subordinate electricians, and helpers in all aspects of their job duties.
* Leads work teams at job sites away from direct supervision.

**10% Safety and Compliance**

* Contributes to a safe work environment by reporting accidents and unsafe working conditions and uses proper personal protective equipment.
* Follows safety procedures outlined in Material Safety Data Sheets and participates in safety training.
* Attends and participates in weekly team safety meetings.

**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:**

* None

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

* Ability to multitask and work cooperatively with others.
* Ability to read schematic diagrams and prints of electrical systems.
* Ability to communicate clearly and effectively to ensure understanding.
* Knowledge of large and small motors.

**Machines and Equipment:**

* Computer
* Electrical Test Equipment

**Physical Requirements:**

* Ability to climb stairs and ladders.
* Ability to lift and move heavy objects.

**Other Requirements and Factors:**

* None

**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**