



*The rising STAR of Texas*

## **Supervisor, Steam Distribution & Water Works Mechanics**

### **Job Code 50017700**

#### **General Description**

Responsible for supervising the steam distribution and water works operation mechanics and plumbers and the safe and efficient operation of the steam distribution, condensate return, water production, water quality, and asbestos removal on main campus as well as off campus sites associated with Texas State.

#### **Examples of Duties**

- Supervise operations and repairs of university water systems.
- Supervise collection of water samples for bacteriological testing.
- Monitor the collection of water samples for chemical testing.
- Assist/supervise the removal, encapsulation, and containment of asbestos, locate and tag.
- Supervise water testing for chlorine and phosphate.
- Insure proper chlorinating and make adjustments as needed.
- Supervise the repair and replacement of all steam and condensate lines on campus.
- Supervise and assist in inspection and repair of all steam traps on campus.
- Inspect and repair all needed steamers, steam kettles, dish conveyor, and dishwasher in cafeterias.
- Schedule repairs for all condensate pumps and motors.
- Inspect and repair all steam heated hot water generators.
- Inspect and repair gas fired kiln at art building.
- Supervise the operation and maintenance of Aqua Sports pool.
- Review, log, and assign work orders.
- Record work time of employees; fill out time sheets and insure forms are completed.
- Schedule major overhaul of equipment.
- Determine and order needed parts for repairs.
- Assign personnel to jobs.
- Determine training requirements for employees to include water works, asbestos, and safety.
- Perform other duties as assigned.

#### **Knowledge, Skills, and Abilities**

**Knowledge of:** rules and regulations; daily work orders; weekly work logs; equipment repair manuals; technical manuals on asbestos and water works; steam pressures, valves, gages, pumps, motors/controls, piping; clean air test; licenses needed; steam and condensate lines; repairs for pumps and motors; safety regulations for ventilation and respirators; steam traps, testing, repairing, and replacing; water testing; electricity, voltage, circuits, testing, and safety; water softener operations, water pressure, and volume.

**Skill in:** calculating amount of water usage per day/month; calculating chemicals used and needed; measuring length of pipes; teamwork; explaining policies to employees; individual protection, first aid, and removing hazardous waste; replacement of steam and gas water generators;

**Ability to:** record hours and discuss work orders and labor logs; request parts and equipment; complete monthly water usage forms; learn from co-workers; communicate to public why repairs are not completed on time; discuss problems with supervisor; calculate costs, size of jobs, workload, and personnel;

**Experience and Education**

To qualify for this classification, an individual must possess any combination of experience and education that would likely produce the required knowledge, skills, and abilities.

**Other Requirements**

May require an Asbestos Worker License.