Steam & Water Works Operation Mechanic II

Job Code 00007259

General Description
Responsible for operating and maintaining all steam, condensate and potable water systems and associated equipment.

Examples of Duties
- Install new steam and condensate piping systems and all associated equipment.
- Remove asbestos and encapsulate exposed areas.
- Check University and Freeman Ranch water well.
- Conduct maintenance on ground storage tank and elevated storage tank.
- Collect water samples for bacteriological testing.
- Repair pumps and motors.
- Insulate steam and condensate lines.
- Change chlorine cylinders.
- Check swimming pool and equipment.
- Change acid barrels at swimming pool.
- Inspect steam traps.
- Check breathing apparatus, chlorine residual, and water softeners around campus.
- Maintain dishwashers.
- Check steam equipment and hot water generator in cafeterias and dormitories.
- Check gas fired kilns.
- Locate and identify all asbestos containing material around campus.
- Check for hardness in condensate water.
- Check chlorine chlorinators and injectors at all well sites and swimming pool.
- Pump manholes as needed.
- Repair steam heaters in all buildings.
- Take lead and copper water samples for testing.
- Operate and perform maintenance on auxiliary boilers.
- Perform other duties as assigned.

Knowledge, Skills, and Abilities
Knowledge of: Steam, chlorination, and condensate systems, of the operations of steam operated kitchen equipment, water softeners and motors.
Skill in: Working as a team and interacting with the general public.
Ability to: Use measuring devices, review logs, complete work orders, and read schematics, to perform intermediate math, to maintain chemical variations on swimming pool, to work under strenuous conditions, to work with various sorts of mechanical tools.

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
TCEQ-Class C License / TDH-Asbestos Worker.