Air Conditioning Mechanic II

Job Code 00007270

**General Description**
Responsible for maintaining adequate heating and cooling in university buildings.

**Examples of Duties**
- Check equipment in buildings.
- Log temperatures and pressures on log sheet.
- Check vacuum pumps and air compressor oil levels.
- Run service work orders.
- Prepare preventative maintenance on equipment.
- Troubleshoot pneumatic and electric controls.
- Troubleshoot and repair refrigeration equipment, ice machines and water fountains.
- Replace burned out compressors.
- Install PVC & steel pipe, ductwork, pressure gauges, air handling units, windows units, copper tubing.
- Operate refrigerant recovery equipment.
- Replace electric motors, repair or replace steam and chill water valves.
- Test relays, switches, coils, fuses, breakers, and read schematics.
- Assist in centrifugal and absorption chiller repairs and overhauls.
- Replace worn belts and bearings on air handlers.
- Operate university vehicle.
- Perform other duties as assigned.

**Knowledge, Skills, and Abilities**
**Knowledge of:** Electric motors, pneumatics, refrigeration and ice machines; chill water piping and welding of copper and iron; belts, bearings, hot and chill water pumps; compressors, PRVs, valves, vacuum pumps; centrifugal and absorption chillers; cooling towers, and installation of new AC units; oxy-acetylene torch; operation of motor vehicle; campus, layout, system design, and equipment location.

**Skill in:** Working as a team member; interacting with others; problem solving and decision making; prioritizing workload.

**Ability to:** read and interpret labor logs, technical manuals, log sheets, safety manuals, and schematics; complete time sheets, labor logs, mileage logs, parts request forms; perform basic math; operate a university vehicle.

Revised: 10-10-2010
**Educational Experience**
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**
Must possess EPA refrigerant/recovery certificate. Must possess Texas Class “C” Driver’s License and maintain eligibility to drive a university vehicle pursuant to the University’s Driver Selection Policy.