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.

**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**
Requires one of the following: Type I and Type II EPA Certification; Universal EPA Certification; Refrigerant Technician.