

Refrigeration and Air Conditioning Service Technicians

Job Code	Job Title	Pay Grade
3293N2	Refrigeration and A/C Service Technician	19
3294N2	Refrigeration and A/C Service Technician Senior	21

CONCEPT:

Skilled mechanical and electrical work performing the installation, maintenance and repair of refrigeration and air conditioning systems and related air handling equipment.

TASKS:

- Installs refrigeration, air conditioning and air handling equipment.
- Repairs and maintains A/C units by inspecting, dismantling units for cleaning, repairing and replacing switches, relays, fan motors and thermostats; replaces filters; lubricates fan motor and adjusts controls; checks for worn belts, noisy bearings, clogged air lines and refrigerant leaks.
- May repair heating systems by adjusting controls, cleaning and repairing water and steam coils, air dampers, blowers and motors.
- Installs and maintains electronic controls. Checks ohms, amperage, and voltages on equipment. Lays out piping systems for air conditioning systems using mechanical drawings or rough sketches.
- Performs start-ups, monitors daily operation and tests refrigeration equipment operations. Adjusts and maintains related equipment such as pumps, humidifiers, water coolers, filters, valves, cooling towers, coils, etc. Lubricates machinery, flushes and recharges systems with refrigerant, examines equipment for defects, leaks or faulty compressors, determines cause of problems and makes repairs on all types of machines from window units to large tonnage machines such as absorption and centrifugal machines.

LEVELS OF WORK

- Class Group consists of two classes.

Refrigeration and A/C Service Technician: At this level, the workers perform the repairs of small or window refrigeration and air conditioning units and will assist the more highly skilled Refrigeration and Air Conditioning Service Technician Seniors.

Minimum Requirements: Six months of experience in refrigeration-air/conditioning repair work. Education may be substituted for experience as determined relevant by the agency.

Refrigeration and A/C Service Technician Senior: At this level, the workers are highly skilled and perform the installation, maintenance and repair of large tonnage refrigeration and air conditioning systems and related air handling equipment, which includes reciprocating, absorption and centrifugal A/C units and overseeing work of subordinate workers or those in training. They answer trouble calls on equipment and determine the cause of the problems. They may also be supervisory and multi-skilled.

Minimum Requirements: Two years of experience in refrigeration-air/conditioning repair work. Education may be substituted for experience as determined relevant by the agency.