

## REFRIGERATION MECHANIC II

NATURE OF WORK IN THIS CLASS:

Performs skilled refrigeration work in the installation, maintenance and repair of refrigeration equipment.

Employees in this class perform the full range of skilled tasks under general supervision and may lead less skilled workers on assigned tasks.

ILLUSTRATIVE EXAMPLES OF WORK: (These examples do not list all the duties which may be assigned; any one position may not include all the duties listed.)

Installs, maintains and repairs refrigerators, air conditioners, and water cooling systems according to blueprints and engineering specifications; determines proper placement of structural and functional components; drills holes and installs mounting brackets and hangers into floor and walls of building; lifts and aligns components.

Assembles structural and functional components, such as motors, controls, switches, gauges, wiring harnesses, valves, pumps, compressors, condensers, cores and pipes by screwing, bolting, reventing, welding, and brazing; cuts, threads, and connects pipe to functional components and water or power system; pumps specified fluid into system.

Starts system; observes operation; reads gauges and instruments; and adjusts mechanisms such as valves, controls and pumps to control level of fluid pressure and temperature in system; dismantles malfunctioning systems and tests components; replaces or adjusts defective or worn out parts to repair systems.

May insulate cabinets of systems.

May install wiring to connect components to electric power source.

Performs related duties as required.

MINIMUM KNOWLEDGES, ABILITIES AND SKILLS:

Knowledge of the principles, methods, practices, tools and equipment used in the installation, maintenance and repair of refrigeration equipment.

Ability to read, interpret and work directly from wiring diagrams, specifications, and manuals.

Ability to take and record readings from thermometers, gauges.

Ability to perform arduous physical tasks including heavy lifting and working in strained and awkward positions.

Ability to understand and follow written and oral instructions.

Ability to apply safe work practices.

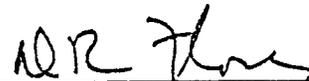
Skill in the refrigeration mechanic trade.

MINIMUM EXPERIENCE AND TRAINING:

(a) Four years of experience in the installation, maintenance, and repair of refrigeration equipment; or

(b) Any equivalent combination of experience and training which provides the minimum knowledges, abilities, and skills.

ESTABLISHED: JULY 1980



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DAVID R. FLORES, Executive Director  
Civil Service Commission