

Specification for Class of

REFRIGERATION MECHANIC

Abolished Effective July 1, 2007

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

Typical Work

Installs, maintains, and repairs refrigerating equipment used in refrigerating plants and air conditioning, ventilation, and water cooling systems;

Overhauls electrical circuits, temperature and pressure controls, and other equipment, using wrenches, testers, and soldering and welding equipment;

Tests coils, valves, and connections to ascertain that system is leak proof and properly adjusted; recharges unit with proper refrigerant when necessary;

Estimates and orders materials and supplies needed to maintain equipment in good working condition;

Supervises and instructs helpers, patients or inmates;

Performs other work as required.

Knowledge and Abilities

Knowledge of: standard practices, methods, materials, tools, and equipment used in refrigeration work; principles of operation of refrigeration systems; occupational hazards and safety practices of refrigeration trade.

Ability to: diagnose troubles and make necessary adjustments or repairs; estimate time and materials; use hand and power tools; weld and solder.

Minimum Qualifications

Journeyman standing as a Refrigeration Mechanic as attested by:

- a. Completion of recognized apprenticeship.

OR

b. Full journeyman status in Plumbers and Pipefitters' Union.

OR

c. Five years of experience in State service as full-time helper to a journeyman Refrigeration Mechanic.

Revised November 1, 1965

Revises Minimum Qualifications

Revised May 9, 1986

Change class code (formerly 7227)