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Class Specifications
for the Class:

PLUMBER I

Duties Summary:

Performs skilled plumbing work in the repair, maintenance and installation of plumbing systems and equipment; and performs other related duties as assigned.

Distinguishing Characteristics:

This is the fully competent worker in the series.

This class differs from that of Plumber Helper in that the Plumber I performs a variety of skilled plumbing work as a regular and continuing assignment and may supervise one or more helpers assisting in the work; whereas the Plumber Helper performs duties which are essentially routine and repetitive, as well as manual and semi-skilled, and assists a plumber in the repair, maintenance and installation of plumbing systems and equipment.

This class differs from that of Plumber II in that the Plumber I performs skilled plumbing work in the repair, maintenance and installation of plumbing systems and equipment and may occasionally lead the work of other skilled plumbers, but mainly confines supervision to Plumber Helpers and other semi-skilled or unskilled workers; whereas, the Plumber II, in addition to performing skilled plumbing work as the major work assignment, supervises the work of skilled plumbers as a continuing work assignment including setting the pace and quality of workmanship.

Examples of Duties:

Installs, maintains, and repairs heating, water, and drainage systems in offices, houses, and other structures; installs, maintains and makes minor repairs to cesspools, water heaters, pumps, and other units; installs and repairs plumbing fixtures such as showers, wash basins, urinals, toilet bowls, and toilet tanks; does lead caulking, wipes and tests lead joints; cuts, reams and threads pipe; installs and repairs sprinkler systems; replaces washers in leaky faucets, mends/replaces broken pipes and opens clogged drains; reads blueprints and computes material lists; estimates time and materials needed to perform a job; determines what modifications in plans will be necessary when obstructions are met while installing plumbing; may assign tasks to other plumbers and supervise the work of helpers; may perform duties in other trades when not utilized as a plumber.

Knowledge and Abilities Required:

Knowledge of: Practices and methods in the plumbing trade, including safety procedures and plumbing code; the tools, equipment and materials used in the plumbing trade; plumbing systems and fixtures.

Ability to: Use the hand and power tools common to the plumbing trade; read and interpret blueprints, manuals and diagrams; compute material costs; estimate time and material needed to complete a job; do mechanical work; recognize hazards typical of the work; perform heavy lifting, moving and other manual work typical of the class; understand and follow oral and written instructions.

This is an amendment to the specification for the class PLUMBER I which was approved on September 14, 1984.

DATE APPROVED: 10/30/84

/s/ Clement L. Kamalu
for JAMES H. TAKUSHI
Director of Personnel Services