

BOARD OF REGENTS STATE OF IOWA

REGENT MERIT SYSTEM

Class Title: Plumber

Class Code: 5331

Pay Grade: 211

GENERAL CLASS DESCRIPTION:

Under general supervision, position applies knowledge and skill at the journey level to install and repair piping, fixtures, appliances, laboratory equipment, and apparatus related to gas, air, steam, water, drainage systems, and heating and cooling systems.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES:

1. Installs and repairs sinks, commodes, bathtubs, water heaters and softeners, garbage disposals, sprinkler systems, traps, valves, pumps, meters, coils, laboratory equipment, drains, including cleaning drains, and other related piping and equipment.
2. Tests, installs, and maintains water distribution piping and control equipment, fire hydrants, sanitary and storm sewer systems, gas piping, and related distribution systems equipment.
3. Draws layouts. Reads and interprets blueprints and drawings.
4. Maintains records on equipment, inventory, and test reports on code compliant devices. Tracks materials and effort expended on each job assignment.
5. May perform or assist in the performance of the duties of Pipefitter or Insulator.
6. May provide technical support to Area Mechanics or student workers.
7. Responds to calls for emergency repair services.

KNOWLEDGE, SKILLS, AND ABILITIES:

1. Knowledge of the principles, methods, techniques, codes, OSHA rules, and safety precautions of the plumbing trade.
2. Knowledge of laws, regulations, and codes relating to sanitation and repair of new and existing plumbing fixtures and systems and other apparatus.
3. Knowledge of asbestos recognition and handling techniques

The tasks listed under the heading of Characteristic Duties and Responsibilities are examples of the variety and general nature of duties performed by employees in positions allocated in the class. The list is descriptive only and should be used for no other purpose. It is not intended that any position include every duty listed nor is it intended that related duties cannot be required.

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4. Skill in the use and maintenance of the tools of the plumbing trade safely and skillfully.
5. Skill in performing maintenance, installation, and repair of plumbing apparatus.
6. Ability to interpret instructions, specifications, and blueprints.
7. Ability to maintain accurate records.
8. Ability to routinely lift and move up to 50 pounds.
9. Ability to use manual dexterity and eye coordination for repair tasks and ability to work in confined spaces.
10. Ability to communicate effectively orally and in writing.

MINIMUM ELIGIBILITY REQUIREMENTS:

Four years of experience in the trade, which may include an apprenticeship.

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REVISION EFFECTIVE: September 1, 2025