

**IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES ▼**  
**HUMAN RESOURCES ENTERPRISE**  
**PLUMBER 2**

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**DEFINITION**

Leads two or more employees, volunteers, inmates or residents in the installation, alteration, maintenance, and repair of plumbing and related systems; performs related work as required.

**The Work Examples and Competencies listed are for illustrative purposes only and not intended to be the primary basis for position classification decisions.**

**WORK EXAMPLES**

Assists supervisor by performing such duties as instructing employees, answering questions, distributing and balancing the workload and checking work; may make suggestions on selection, promotions and reassignments.

Installs, alters, maintains, and repairs a variety of plumbing fixtures, such as sinks, lavatories, toilet units, bathtubs, shower units, automatic flush valves, faucets and traps.

Installs, alters, maintains, and repairs sewer, water, gas, steam and air lines; installs and repairs pipe coverings.

Installs, alters, maintains, and repairs laundry equipment, sterilization equipment, kitchen equipment, steam plant equipment, and any other equipment utilizing water, steam, air, hydraulic fluid, or other feed lines, and return or waste disposal lines.

Installs, alters, maintains, and repairs fire protection sprinkler systems, water treatment plants, and sewage plants.

Reads and interprets blueprints and written instructions; confers with supervisor concerning construction, alteration, maintenance, and repair projects; submits material and time estimates on construction, alteration, and repair projects.

Performs duties in various other building trades.

**COMPETENCIES REQUIRED**

Knowledge of the principles, methods, materials, fixtures, tools, and equipment of the plumbing trade.

Knowledge of the occupational hazards and safety precautions of the trade.

Skill in use and care of plumbing tools, machines, and equipment.

Ability to read and interpret blueprints, sketches, and written instructions.

Ability to plan work and lead the activities of unskilled and semi-skilled helpers.

Ability to learn the repair, maintenance and installation of fire protection systems.

Displays high standards of ethical conduct. Refrains from dishonest behavior.

Works and communicates with all clients and customers providing polite, quality professional service.

Displays a high level of initiative, effort, attention to detail and commitment by completing assignments efficiently with minimal supervision.

Follows policy, cooperates with supervisors and aligns behavior with the goals of the organization.

Fosters and facilitates cooperation, pride, trust, group identity and team spirit throughout the organization.

Exchanges information with individuals or groups effectively by listening and responding appropriately.

#### **EDUCATION, EXPERIENCE, AND SPECIAL REQUIREMENTS**

Experience equal to five years of full-time work in skilled plumbing;

OR

the equivalent of three years of full-time employment as a licensed journey plumber or plumbing contractor;

OR

the completion of a recognized trade school plumbing course and three years of subsequent full-time employment as a journey plumber;

OR

an equivalent combination of education and experience including the successful completion of an approved plumbing apprenticeship program and/or subsequent full-time, experience equal to the journey skill level, with the apprenticeship and/or journey-work experience totaling at least five years;

OR

employees with current continuous experience in the state Executive Branch that includes one year as a Plumber 1.

#### **SPECIAL REQUIREMENTS**

Within a period of time as determined by the appointing authority, certain employees in this class may be required to obtain a Fire Sprinkler Installer and Maintenance License in accordance with Chapter 100D, Iowa Code.

Designated positions in this job class require applicants to obtain the required Commercial Driver's License and endorsements within a period of time as determined by the appointing authority at the time of hire.

Effective Date: 03/11 BR