



Plumber

CLASS TITLE	CLASS CODE	SALARY GROUP	SALARY RANGE
PLUMBER I	9820	A16	\$40,918 - \$61,130
PLUMBER II	9822	A18	\$45,521 - \$71,055
PLUMBER III	9824	A20	\$51,158 - \$81,351
PLUMBER IV	9826	A22	\$57,614 - \$93,138

GENERAL DESCRIPTION

Performs installation, maintenance, and repair work of plumbing systems and components, including assembling, installing, or repairing pipes, fittings, or fixtures of heating, water, and/or draining systems.

EXAMPLES OF WORK PERFORMED

Performs technical and preventative maintenance tasks on all plumbing equipment.

Performs troubleshooting and maintenance procedures needed to keep all plumbing equipment operating in a safe and efficient manner.

Assembles pipe sections, tubing, or fittings using couplings, clamps, screws, bolts, cement, plastic solvent, caulking, or soldering, brazing, or welding equipment.

Installs pipe assemblies, fittings, valves, appliances, or fixtures using hand or power tools.

Installs energy-efficient and water-conserving equipment and alternative water sources.

Locates and marks the position of pipe installations, connections, passage holes, or fixtures in structures.

Measures, cuts, threads, or bends pipe to required angles using hand or power tools or machines.

Welds small pipes or special piping using specialized techniques, equipment, or materials.

Performs related work as assigned.

DESCRIPTION OF LEVELS

Examples of work and descriptions are meant to progress through the levels. For example, an employee at level IV may also perform work listed within the previous levels.

Note: Factors that may distinguish between journey levels include the degree of independence in performing the work; the complexity of the work; the scope of responsibility; and the

employee's related work experience, education, and certifications. Employees at the journey levels (levels I and II) may independently perform the full range of work identified within current or previous levels and may assist others in performing work of greater complexity.

PLUMBER I: Performs routine (journey-level) installation, maintenance, and repair work of plumbing systems and components. Works under moderate supervision, with limited latitude for the use of initiative and independent judgment.

PLUMBER II: Performs complex (journey-level) installation, maintenance, and repair work of plumbing systems and components. May provide guidance to others. Works under general supervision, with moderate latitude for the use of initiative and independent judgment.

Employees at this level may:

- Review blueprints, building codes, or specifications to determine work details or procedures.
- Recommend energy-efficient and water-conserving equipment and alternative water sources.
- Prepare work orders, reports, and records.
- Collaborate in making estimates related to time, materials, and/or labor costs for repair jobs or project plans.

Note: *Senior-level employees (levels III and IV) may perform the full range of work identified in the preceding levels and may serve as a lead worker and provide direction to others. Factors that may distinguish between senior levels include the scope of responsibility, oversight, and authority; the complexity of the work; and the employee's related work experience, education, and certifications.*

PLUMBER III: Performs advanced (senior-level) installation, maintenance, and repair work of plumbing systems and components. Works under limited supervision, with considerable latitude for the use of initiative and independent judgment. Employees at this level may:

- Coordinate and perform pipe cutting, welding, preassembly, and/or installation of plumbing systems or components.
- Coordinate work orders, reports, and records.
- Conduct annual inspections and testing.
- Inspect the work of others to ensure compliance with applicable codes or ordinances.

PLUMBER IV: Performs highly advanced (senior-level) installation, maintenance, and repair work of plumbing systems and components. Works under minimal supervision, with extensive latitude for the use of initiative and independent judgment. Employees at this level may:

- Oversee pipe cutting, welding, preassembly, and/or installation of plumbing systems or components.

GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

Experience in plumbing, maintenance, and repair work. Graduation from a standard senior high school or equivalent, supplemented by vocational training or special training in the plumbing trade, is generally preferred. Experience and education may be substituted for one another.

KNOWLEDGE, SKILLS, AND ABILITIES

For all levels

- Knowledge of basic mathematics; building construction principles; utility systems including heating, air conditioning, electrical wiring and plumbing; and tools and equipment used in the operation, maintenance, and repair of plumbing equipment.
- Skill in the use, maintenance, and repair of tools and equipment used in plumbing; and in maintaining a safe work environment.
- Ability to read and interpret blueprints, sketches, and specifications; and to communicate effectively.

Additional for Plumber II – IV levels

- Skill in monitoring the status and progress of projects; and in coordinating labor, materials, and equipment.
- Ability to provide guidance to others.

Additional for Plumber III – IV levels

- Skill in preparing and maintaining records, files, and reports.
- Ability to serve as a lead worker providing direction to others.

REGISTRATION, CERTIFICATION, OR LICENSURE

Must be licensed as a plumber by the State of Texas.