



# Plumber I

Salary Group: A16  
Class Code: 9820

CLASS TITLE	CLASS CODE	SALARY GROUP	SALARY RANGE
<b>PLUMBER I</b>	<b>9820</b>	<b>A16</b>	<b>\$37,918 - \$58,130</b>
PLUMBER II	9822	A18	\$42,521 - \$67,671
PLUMBER III	9824	A20	\$48,158 - \$77,477
PLUMBER IV	9826	A22	\$54,614 - \$88,703

## GENERAL DESCRIPTION

Performs routine (journey-level) installation, maintenance, and repair work of plumbing systems and components. Work involves assembling, installing, or repairing pipes, fittings, or fixtures of heating, water, and/or draining systems. Works under moderate supervision, with limited latitude for the use of initiative and independent judgment.

## 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.

May inspect structures to assess material or equipment needs, to establish the sequence of pipe installations, or to plan installation around obstructions such as electrical wiring.

May make estimates related to time, materials, and/or labor costs for repair jobs or project plans.

Performs related work as assigned.

## **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**

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 maintaining a safe work environment.

Ability to read and interpret blueprints, sketches, and specifications; and to communicate effectively.

### **REGISTRATION, CERTIFICATION, OR LICENSURE**

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