

PLUMBER JOURNEYMAN/WOMAN APPRENTICESHIP

Charleston, SC

Job details

Salary
\$21.60 an hour

Full Job Description

Plumber Journeyman/woman Apprenticeship

During an Apprenticeship, you shall receive work experience and job related education in all phases of the occupation necessary to develop the skill and proficiency of a skilled professional. We rotate you throughout the various work processes to ensure you are a well-rounded professional upon completion of the Apprenticeship.

All apprenticeships include three main parts; job-related-education, on-the-job training, and a scalable wage progression.

The Apprenticeship requires you to complete 8,000 hours of on-the-job training. A year consists of 2,000 hours, so you will complete the required hours at the conclusion of the four-year program. During the term of your Apprenticeship, you are required to complete approximately 144 hours of job related education for each year of the Apprenticeship. We have partnered with NCCER for the Plumbing curriculum, which will be completed on-line. The curriculum is divided into many different modules that build on each other as you progress through the program. Each module includes tests and quizzes to verify your comprehension of the material.

The apprenticeship wage starts at \$12 per hour and includes a progress review every 6 months. Upon successful completion of the program you should be earning at least \$21.60 per hour and you will receive a journey level credential from the United States Department of Labor.

Job Description:

A plumber assembles installs, and repairs pipes, fittings, and fixtures of heating, water, and drainage systems, according to specifications and plumbing codes.

Duties and responsibilities:

- **Studies building plans and working drawings to determine work aids required and sequence of installations**
- **Inspects structure to ascertain obstructions to be avoided to prevent weakening of structure resulting from installation of pipe**
- **Locates and marks position of pipe and pipe connections and passage holes for pipes in walls and floors, using ruler, spirit level, and laser**
- **Cuts openings in walls and floors to accommodate pipe and pipe fittings, using hand tools and power tools**
- **Cuts and threads pipe, using pipe cutters, cutting torch, and pipe-threading machine**
- **Assembles and installs valves, pipe fittings, and pipes composed of metals, such as iron, steel, brass, and nonmetals, such as plastic, using hand tools and power tools**
- **Joins pipes by use of screws, bolts, fittings, solder, plastic solvent, and calks joints**
- **Fills pipe system with water or air and reads pressure gauges to determine whether system is leaking**
- **Installs and repairs plumbing fixtures, such as sinks, lavatories, water closets, bathtubs, water heaters, hot water tanks, and water softeners**
- **May weld to steel structural members.**

Requirements:

- **Be able to work within precise limits or standards of accuracy**
- **Make decisions based on measurable criteria; and visualize objects in three-dimensions from plans and drawings**
- **Must be able to work easily and skillfully with hands**
- **Lift and carry objects weighing up to 75 pounds**
- **Have good eyesight (either naturally or with correction)**
- **Climb and maintain balance on high ladders and scaffolds**
- **Stand, stoop, kneel, or crouch.**

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