

Plumber Job Description

Duties and Responsibilities:

- Maintain and repair damaged dish washers, broken pipes, and clogged drains
- Install underground sanitary, drainage, and water supply piping systems
- Set up systems for the supply of oxygen and other medical gas in hospitals and health facilities
- Assist [pipefitters](#) in the layout, assembly, and installation of pipe fixtures for water and air systems
- Cut pipes and transport to construction locations where they are required
- Utilize hand tools in fitting of valves, couplings and components for tanks, pumps or other plumbing system
- Select and oversee the procurement of construction materials and equipment
- Dig trenches/install pipes and piping fixtures for water or sewage systems
- Fill pipes with resin or sand to prevent distortion and ensure they are steady during installation
- Immerse pipes in chemical solutions such as bleach and dispersants to remove oil, dirt, and scale
- Mount hangers and brackets on walls to provide support for pipes
- Ensure compliance with building codes and set safety standards
- Measure, cut, thread, and assemble pipes to required angles using measurement tools
- Inspect plumbing systems to identify issues and initiate repairs
- Liaise with contractors, pipefitters, and other construction workers to ensure an effective plumbing system.

Plumber Requirements – Skills, Knowledge, and Abilities

- Education and Training: To become a plumber, you require a high school diploma and training at community colleges or trade school. You can also enroll for a 4-5 year apprenticeship program under an experienced plumber to gain relevant knowledge and skill. Plumbers are usually required to pass trade examinations in order to obtain licensure for practice
- Physical Strength: Plumbers are able to lift, handle, and move fairly heavy plumbing tools and materials such as plungers, wrenches, and domestic appliances
- Physical Stamina: They are able to withstand hours of work while standing, crouching or taking other rigorous positions
- Problem-solving Skills: They are versed in identifying plumbing problems and providing solutions to resolve such issues
- Assessment tests: To be accepted into an apprenticeship program or hired as a plumber, you may need to take and pass certain assessment tests. Find out about [job assessment tests](#) and how you can beat the competition.