



Job Code: 2350
Grade: X-PLMB
HCWR: N

Job Title
Plumber

Department
Plant Operations

Job Summary

Performs highly skilled work in the installation, maintenance and repair of plumbing systems. Assembles, installs, and repairs pipes, fittings, and fixtures of heating, water, and drainage systems, according to specifications and plumbing codes. Studies and makes necessary modifications to building plans and working drawings to determine work aids required, sequence of installations and efficient design and use of materials.

Typical Duties

- Completes daily, emergency, and preventative maintenance work orders.
- Works in collaboration with other trades on construction and remodeling projects.
- Locates and marks position of pipe, pipe connections, and passage holes for pipes in walls and floors using a ruler, spirit level, and plumb bobs.
- Cuts openings in walls and floors to accommodate pipe and pipe fittings using hand tools and power tools.
- Cuts and threads pipes using pipe cutters, cutting torches, and pipe threading machines.
- Bends pipes to required angle by use of pipe bending equipment.
- Assembles and installs valves, pipe fittings, and pipes composed of metals such as iron, steel, brass, and lead and nonmetals such as glass, vitrifies clay, and plastic using hand and power tools.
- Joins pipes by use of screws, bolts, fittings, solder, plastic solvent, and caulk joints.
- Fills pipe systems with water or air and read pressure gauges to determine whether system is leaking.
- Installs and repairs plumbing fixtures such as sinks, water closets, commodes, urinals, bathtubs, water dispensers, hot water tanks, garbage disposal units, dishwashers, drinking fountains, and water softeners.
- Inspects plumbing structures to ascertain obstructions and other potential problems.
- Repairs and maintains plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains.
- Performs other duties such as brazing, soldering, or welding fixtures as needed.
- Maintains work logs and records.
- Requisitions materials, parts, and supplies as needed and according to specifications.

Minimum Qualifications

- High School Diploma or GED equivalent
- Successful completion of an approved and recognized apprenticeship program or five years full-time paid work experience as a Plumber. (Must provide proof at time of interview)
- Licensure as a Plumber by the State of Illinois or City of Chicago. (Must show proof of license on the application, in the certification section, or upload a copy of the license in the attachment section, in order to be considered). (Must also provide license at time of



Minimum Qualifications

interview)

- Possession of a valid driver's license. (Must provide proof at time of interview)

Preferred Qualifications

- NA

Knowledge, Skills, Abilities and Other Characteristics

- Thorough and extensive knowledge of the principles, methods, and technologies relative to plumbing construction, installation and repair
- Knowledge of the working properties of various materials such as brass, lead, galvanized iron, steel and nonmetals (clay, plastic) as they relate to plumbing fixtures and systems
- Knowledge of city, state and other local building codes
- Skill in reading and following blueprints
- Skill in the use of plumbing tools such as pipe cutter, reamers, wrenches, threading dies and soldering equipment
- Ability to perform shop mathematics
- Ability to withstand long periods of walking, standing, pushing, pulling, reaching, crouching, twisting, turning climbing, crawling, lifting and moving moderate to heavy weight items

Physical and Environmental Demands

This position is functioning within a healthcare environment. The incumbent is responsible for adherence to all hospital and department specific safety requirements. This includes but is not limited to the following policies and procedures: complying with Personal Protective Equipment requirements, hand washing and sanitizing practices, complying with department specific engineering and work practice controls and any other work area safety precautions as specified by hospital wide policy and departmental procedures.

The above statements are intended to describe the general nature and level of work being performed by people assigned to this classification. They are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of the personnel so classified.

For purposes of the American with Disabilities Act, "Typical Duties" are essential job functions.