Plumber

JOB PURPOSE

Installs, repairs, and maintains pipes, fittings, and fixtures of water and drainage systems, according to specifications and plumbing codes.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES

Troubleshoot, diagnose and repair various plumbing and steam systems utilizing such tools as a sewer camera and heavy duty sewer/drain machine.

May perform servicing, testing, inspections and repairs on a variety of equipment including water softeners, steam vaults, steam valves, street mains, medical gas systems, hot and cold loops, boilers and chillers.

Repairs and maintains plumbing, replacing water filters and defective valves and washers, replacing or mending broken pipes, and opening clogged drains.

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

Cuts openings in structures to accommodate pipes and pipe fittings, using hand and power tools. Fills pipes or plumbing fixtures with water or air and observes pressure gauges to detect and locate leaks.

Hangs steel supports from ceiling joists to hold pipes in place.

Installs pipe assemblies, fittings, valves, pumps, appliances such as dishwashers, garbage disposals, and water heaters, and fixtures such as sinks and toilets, using hand and power tools.

Measures, cuts, threads, and bends pipe to required angle, using hand and power tools or machines such as pipe cutters, pipe-threading machines, and pipe-bending machines.

May perform water treatments; treats closed loop water systems, cooling towers, chilled water and heating systems by collecting and testing water samples; adds appropriate chemicals to maintain correct levels and balances.

Performs other general building maintenance as needed.

Drives vehicle as needed.

May perform limited abatement work on an as needed basis.

Participates in the training of apprentices and/or other workers as needed.
KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of and ability to use materials, methods/principles and tools specific to the needs of the Plumber trade.

Ability to use a computer.

Ability to work in safe and efficient manner.

Ability to read and interpret drawings, blueprints and/or schematics.

Knowledge of applicable building codes, regulations or ordinances.

MINIMUM REQUIREMENTS

Education: High school diploma or GED.

Experience: Certificate in relevant DOL apprenticed trade OR five years verifiable journey level experience.

Licenses: Valid driver’s license with ability to be insured by Indiana University. May be required to acquire and maintain a material-specific abatement certification, supervisor certification or other required certifications.

PHYSICAL REQUIREMENTS

Sitting, standing, walking, driving, climbing/ladders, squatting/kneeling, reaching, grasping, pushing/pulling, twisting/bending, lifting/carrying up to 50 lbs multiple times per shift, fingering, talking, hearing, and seeing.

WORKING CONDITIONS

Spends most time indoors with possible exposure to extreme hot or cold temperatures for one hour plus. Possible exposure to distracting/uncomfortable noise levels. Risk of bodily injury from mechanical parts, electricity, etc. Possible exposure to fumes, odors, etc. that may affect respiration and skin.

The intent of this job specification is to provide a representative summary of the types of duties and responsibilities that will be required of positions given this title and shall not be construed as a declaration of the specific duties and responsibilities of any particular position. Employees may be requested to perform job-related tasks other than those specifically presented in this specification.
A person with a disability who is pursuing employment opportunities with Indiana University and wishes to discuss minimum requirement accommodations should contact the campus HR office.