



CITY OF HOUSTON

JOB DESCRIPTION

Job Code: 524.2

Job Title: **PLUMBER**

Pay Grade: 16

GENERAL SUMMARY:

Performs skilled journey level plumbing work in the installation, preventive maintenance and repair of plumbing fixtures, water leaks, gas leaks, sewer lines and an assortment of repairs.

RESPONSIBILITIES:

- Performs plumbing maintenance work in city-managed buildings; repairs pipes, fixtures and opens clogged drains.
- Install and repairs plumbing fixtures, such as sinks, commodes, water heaters and hot water tanks. Assembles and installs new plumbing.
- Assembles, installs and repairs pipes, valves, fittings and fixtures of heating/cooling, water, gas and/or drainage systems, according to specifications and plumbing codes.
- Cuts and threads pipe, using pipe cutters, cutting torch and pipe-threading machine. Bends pipe to required angle by use of pipe-bending machine or manually.
- Connects pipes using screws, bolts, fittings, solder, plastic solvent and caulk joints. Checks for leaks by filling pipe system with water or air and reading pressure gauges.
- Locates and marks position of pipe connections and passage holes for pipes in walls and floors. Cuts openings in walls and floors to accommodate pipe and pipe fittings, using hand tools and power tools.
- Performs somewhat complex plumbing repairs and preventive maintenance by replacing washers in leaky faucets, mending burst pipes and opening clogged drains. Welds holding fixtures to steel structural members.
- Conducts preventive maintenance check-ups.
- Cleans out sewer lines and operates electric sewer rodding equipment.
- Repairs natural gas and gasoline piping systems.
- Interprets building plans and blueprints.

SPECIFICATIONS:

KNOWLEDGE:

Requires a high school diploma or GED and a current Texas Journey Level Plumber's license. Requires a valid Texas driver's license and compliance with the City of Houston's policy on driving.

SPECIFICATIONS: (continued)

EXPERIENCE:

One year of experience in plumbing construction and repair is required.

License: May require a valid Class A or B Commercial Driver's License (CDL).

COMPLEXITY:

Work consists of standard procedures and tasks where analytic ability is required in following guidelines, policies and precedents.

IMPACT OF ACTIONS:

Errors in work cause some expense and inconvenience. Work is typically performed under close to moderate supervision of routine duties to ensure completion of tasks. The supervisor is generally close by to answer questions.

SUPERVISION EXERCISED:

Direct Supervision:

No direct report employees.

Indirect Supervision:

No indirect reports.

CONTACTS:

Internal Contacts:

Level of internal contact is primarily with the clerical and technical staffs. Interaction involves routine information exchange and/or simple service activity requiring common courtesy; e.g., answering questions, giving directions in response to simple requests.

External Contacts:

Level of external contact is extremely infrequent with virtually no outside contact. Interaction involves routine information exchange and/or simple service activity that requires common courtesy; e.g., directing calls, and answering simple questions.

PHYSICAL EFFORT:

The position involves considerable physical exertion, such as regular climbing of ladders, lifting of heavy objects (up to 80 pounds) on a highly frequent basis and/or assuming awkward positions for long periods of time.

WORK ENVIRONMENT:

There are routine exposures to significant levels of heat, cold, moisture and air pollution. The position may involve periodic exposure to chemical substances and physical trauma of a minor nature such as cuts, bruises and minor burns.

PHYSICAL SKILL:

Requires the ability to make coordinated eye/hand movements within fairly fine tolerance and/or calibration demands; or the ability to make closely coordinated eye/hand movements on a patterned response space within moderate tolerance demands.

MISCELLANEOUS:

All duties and responsibilities may not be included in the above job description.

JOB FAMILY:

Plumber
Plumber Leader

Effective Date: October 1990
Revised Date: February 2016