

TASK LIST – PLUMBER
(CLASS CODE 3443)

- 1 Measures, cuts, bends, threads, and reams pipe to required angle using hand and power tools or machines (i.e. pipe cutters, pipe-threading and pipe-bending machines) in order to ensure proper working conditions of the pipe.
- 2 Installs vitrified clay, plastic, copper, cast iron, galvanized and black steel pipe and pipe joints for water and drainage systems, air, natural gas and liquefied petroleum gas lines, sewers, vents, irrigation and sprinkler systems using appropriate hand and power tools or machines in accordance with blueprints, sketches, local building codes and oral or written instructions.
- 3 Repairs vitrified clay, plastic, copper, cast iron, galvanized and black steel pipe and pipe joints for water and drainage systems, air, natural gas and liquefied petroleum gas lines, sewers, vents, irrigation and sprinkler systems using appropriate hand and power tools or machines in accordance with blueprints, sketches, local building codes and oral or written instructions.
- 4 Installs plumbing fixtures such as sinks, basins, toilets, urinals, water cooling systems, drinking fountains, water filters and softeners, storage tanks, pumps, and kitchen plumbing equipment using appropriate hand and power tools or machines.
- 5 Repairs and replaces plumbing fixtures such as sinks, basins, toilets, urinals, water cooling systems, drinking fountains, water filters and softeners, storage tanks, pumps, and kitchen plumbing equipment using appropriate hand and power tools or machines.
- 6 Repairs defective pipe assemblies, valves and fittings using couplings, clamps, screws, bolts, cement, plastic solvent, caulking, or soldering, brazing, or welding equipment in order to ensure proper working conditions of the defective parts.
- 7 Opens clogged pipe lines and clean sink traps with a plunger, plumbers snake or jetting equipment in order to ensure proper water and air flow.
- 8 Repairs thermostats for heating and air conditioning units using hand and power tools in order to ensure safe operating condition of the units. **[DELETED]**
- 9 Repairs pressure regulators on water, air and gas lines using hand and power tools in order to ensure proper pressure and prevent leaks.
- 10 Installs gas and/or fuel-fed appliances using hand and power tools in order to ensure safe operating conditions.
- 11 Perform maintenance (e.g., cleans, regulates) on gas and/or fuel-fed appliances using hand and power tools in order to ensure safe operating conditions.

- 12 Prepares written requisitions for plumbing materials and supplies using the correct terminology in order to maintain inventory and ensure availability of items required to complete the necessary installations and/or repairs.
- 13 Inspects plumbing and irrigation systems in order to identify causes of problems and/or failures and to identify repair and/or replacement needs.
- 14 Installs space heaters to ensure they are in proper working order. **[DELETED]**
- 15 Oversees lower-level workers/assistants engaged in pipe cutting and preassembly and installation of industrial plumbing systems and components in order to provide information for making decisions, taking appropriate action and/or complying with building and safety regulations.
- 16 Installs and modifies fire protection systems (e.g., deluge, dry chemical, combination wet and dry systems, wet and dry standpipes) in accordance with local building codes.
- 17 Maintains fire protection systems (e.g., deluge, dry chemical, combination wet and dry systems, wet and dry standpipes) by testing them in order to identify repairs and/or replacement needs if necessary.
- 18 Tests various types of back flow prevention devices, reduced pressure check-valves, and vacuum breaker valves in order to identify repairs and/or replacement needs if necessary.
- 19 Reviews blueprints, building codes and specifications to plan and complete a project in accordance with applicable codes and standards.
- 20 Maintains boilers and pressurized piping systems that may have pressure over 100 psi in order to ensure safe operating conditions.
- 21 Installs fuel systems using hand and power tools or machines in order to provide enhanced and/or upgraded capabilities.
- 22 Maintains fuel systems using hand and power tools or machines in order to ensure proper working order.
- 23 Advises engineers on technical and practical factors that should be considered in the installation and maintenance of plumbing systems in new construction or remodeling projects for the purpose of conveying and/or gathering information required to perform job functions.
- 24 Prepares detailed written materials (e.g. repair status, activity logs, assignment records, etc.) in order to document activities and/or convey information.
- 25 Transports a variety of tools, equipment and supplies using City vehicle in order to ensure the safe delivery and availability of materials required at job site.

26 Inspect a variety of tools and equipment prior to performing any plumbing activities to ensure safe working conditions.