

CLASS TITLE: PLUMBER

PURPOSE OF THE CLASSIFICATION: Under general supervision performs skilled maintenance, repair, and installation of plumbing systems and fixtures, related mechanical equipment and minor electrical hookup of plumbing equipment at the journeyman level and other related assigned duties.

ESSENTIAL TASKS:

- Connects, repairs and maintains system parts such as high pressure boilers and gas lines, steam turbines and related systems, pipes, line breaks/leaks, evaporators, various pumps, motors, chemical and gas equipment, filters, chlorinates, injectors, odor control systems, back flow prevention devices, HVAC units and chemical feed systems
- Installs new plumbing including pipes, valves, vents, drains and a variety of plumbing fixtures
- Locates, flags, and repairs leaks in gas, water, and sewer lines
- Operates a variety of light automotive equipment
- Inspects plumbing for problem diagnosis and troubleshooting, and to determine needed repairs
- Repairs boilers and heaters
- Makes estimates of material, time and labor necessary to complete jobs
- Tests, maintains and repairs temperature controllers and other related plumbing equipment
- Works with contractors, consultants, engineers, and other departments to ensure equipment repair and purchase, and proper materials and installation.
- Maintains materials, tools, and inventory
- Performs preventive maintenance on all plumbing systems
- Acts as leadman in monitoring the progress of a crew of laborers as necessary

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential tasks.

QUALIFICATIONS:

Training and Experience: Graduation from high school or possession of a General Educational Development Certificate (GED), and five (5) years of experience at the journeyman level in the plumbing and/or mechanical trade, including experience in the repair, maintenance and operation of electrical motors, controls and mechanical equipment; or an equivalent combination of training and experience per Personnel Policies and Procedures, Section 128.

Knowledge, Abilities, and Skills: Good knowledge of plumbing and/or mechanical fixtures, materials and tools, and their suitability for different types of applications; good knowledge of the City plumbing/mechanical code; good knowledge of electrical motors and controls and of proper method of repair and maintenance; good knowledge of backflow prevention techniques; and good knowledge of the safety requirements of the work performed. Ability to work from blueprints and plans; and the ability to understand and influence the behavior of others within the organization, customers, or the public in order to achieve job objectives and cause action or understanding.

Physical Requirements: Physical requirements include frequent walking and occasional standing; frequent lifts/carries up to 40 pounds, and occasional lifts/carries up to 68 pounds; constantly lifts/carries up to 20 pounds; requires pushing/pulling a maximum force of 100 pounds peak; frequent balancing, bending, kneeling, crawling, handling, feeling, climbing, talking, smelling and twisting; and vision, speech, and hearing sufficient to perform the essential tasks.

Licenses and Certificates: Possession of a Journeyman Plumber's and/or Mechanical License as issued by the State of Oklahoma and properly registered with the City of Tulsa; possession of a valid Oklahoma Class "D" Operator's License; Freon Recovery Certificate; some positions within this classification may require possession of a Class "B" Commercial Driver's License (CDL) or a Class "A" CDL, some with an "H" endorsement; and some positions within this classification require an appropriate Water/Wastewater License as issued by the Department of Environmental Quality (DEQ), or a Backflow Prevention License.

WORKING ENVIRONMENT: Working environment is primarily indoors, occasionally outdoors, and in inclement weather. May be exposed to the following: hazardous materials, animal waste/dead animals, flammable liquids, traffic, cramped work areas, excessive dust, weather/temperature extremes, trench excavations, underground gas/electric/petroleum/water/wastewater lines, cutting/chipping/grinding, hazardous/toxic atmospheres, sewage, damp/wet surfaces, snow/ice covered surfaces, insect bites, poisonous plants, overhead power lines, toxic fumes/vapors/odors, confined spaces, compressed gases, and high noises.

Class Code: 7514

EEO Code: N-07

Pay Grade: LT-19

Group: Labor and Trades

Series: Equipment and Plant Management

Effective date: August 15, 2008