



Class Code: 7515

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

ESSENTIAL TASKS:

- Designs and installs new mechanical systems including heating and cooling systems and a variety of complex mechanical components
- Repairs and maintains existing facilities
- Repairs pipes, valves, compressors, vents, drains and other related mechanical systems
- Installs new gas service and performs repairs on existing gas lines
- Makes estimates of material, time and labor necessary to complete jobs
- Monitors parts inventory and maintains truck inventory
- Performs preventive maintenance on all mechanical systems
- Supervises a crew of maintenance employees as needed
- In some positions operates Central plant equipment including chillers & boilers
- Reports to work on a regular and timely basis

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

QUALIFICATIONS:

Training and Experience: Must meet the following criteria or an equivalent combination of training and experience per Personnel Policies and Procedures, Section 100:

- (a) Graduation from high school or possession of a General Educational Development Certificate (GED), **and**
- (b) Five (5) years of experience in mechanical systems repair at the journeyman level

Knowledge, Abilities and Skills:

Knowledge of:

- Good knowledge of heating and cooling equipment, material, tools, and their suitability for different types of applications
- Good knowledge of control wiring
- Good knowledge of the City's mechanical codes
- Good knowledge of the safety requirements of the work performed

Ability to:

- Ability to work from blueprints, plans, and electrical schematics
- Ability to direct a small number of helpers
- 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

Skill in:

- Skill in the maintenance, repair, and installation of a variety of heating and cooling units and systems



CLASS TITLE |
MECHANICAL JOURNEYMAN
PAY GRADE: LT-19| www.cityoftulsa.org/pay
Effective Date: 10/11/2023

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Physical Requirements: Physical requirements include standing and walking; frequent lifting up to 20 pounds and pulling up to 50 pounds, occasional pulling up to 20 pounds, carrying up to 60 pounds, and lifting and pushing up to 60 pounds, frequent balancing, bending, kneeling, reaching, feeling, climbing, smelling, and twisting and occasional crawling; and vision, speech, and hearing sufficient to perform essential tasks.

Licenses and Certificates:

- a. Possession of an unlimited Mechanical Journeyman License as issued by the State of Oklahoma **and**
- b. Some positions will also be required to possess a First-Class Engineer license; **and**
- c. Some positions will be required to obtain a valid Class "D" or "B" Commercial Driver's License (CDL), **and/or** a Department of Environmental Quality (DEQ) Class "D" Water Operator's License, **and/or** an EPA/CFC certification (chlorofluorocarbon) in addition to a valid Oklahoma Class "D" Operator's License.

WORKING ENVIRONMENT:

Working environment is primarily outdoors and occasionally indoors, and in inclement weather. May be exposed to the following: hazardous materials, flammable liquids, cramped work areas, excessive dust, weather/temperature extremes, underground gas/electric/petroleum/water/wastewater lines, cutting/chipping/grinding, damp/wet surfaces, snow/ice covered surfaces, insect bites, poisonous plants, overhead power lines, toxic fumes/vapors/odors, compressed gases, high noise areas, and oily surfaces.

EEO Code: N-07

Group: Labor and Trades

Series: Equipment and Plant Management