

****THIS CLASSIFICATION INCLUDES PAY INCREASE OPPORTUNITIES - OUTLINED BELOW****

PURPOSE OF THE CLASSIFICATION: Under general supervision performs a variety of shop and field welding tasks at a skilled level and other related assigned duties.

ESSENTIAL TASKS:

- Designs, lays out, cuts, and fits metal in preparation for welding; inspects, brushes, and grinds welds, bends, forms, drills and tempers metals.
- Operates gas and electric welding equipment and a variety of other power equipment common to the trade and brazes a variety of ferrous and nonferrous materials.
- Fabricates, modifies, and repairs structural components of vehicles, equipment, and traffic control devices (in some positions) as well as low- and high-pressure pipe (in some positions)
- Plans and maintains inventory of structural metal and welding materials and equipment and performs general housekeeping.
- Performs painting, carpentry, and plumbing maintenance and repairs (in some positions)
- Makes cost estimates for fabrication and modification repairs to all equipment
- Must be able to operate a bucket, platform or boom truck (certification may be required for some equipment)
- Must report to work for standby and weather emergencies.(some positions)Completes related work orders and documentation for departmental tracking systems as needed
- Must report 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 one of the following options or an equivalent combination of training and experience per Personnel Policies and Procedures, Section 100:

1. (a) Graduation from high school or possession of a General Education Development Certificate (GED); **and**,
(b) One (1) year of experience in the welding trade; **and**,
(c) *Applicant must pass departmental welding assessment.*
(d) *Proof of technical school instruction in welding preferred.*

PAY INCREASE OPPORTUNITY

This position is part of a progression family and is eligible for increases within the progression. More information can be found [here](#).

Employees requesting proficiency or progression increase must not be on a City Performance Improvement Plan at the time of the request.

Knowledge, Abilities and Skills:

Knowledge of:

- Good knowledge of the techniques employed in heating, cutting, brazing, and resurfacing ferrous and nonferrous metals with acetylene and electrical welding equipment



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- Good knowledge of the properties of various ferrous and nonferrous metals and their application to welding
- Good knowledge of the occupational hazards and appropriate safety measures
- Good knowledge of the standard practices, materials, processes, and tools of the welding trade
- Some positions may require good knowledge of automotive and mechanical equipment operation, including electrical, hydraulic, and other mechanical operations

Ability to:

- Ability to maintain and make minor repairs to acetylene and electrical welding equipment
- Ability to use the appropriate equipment and machinery to repair or make new parts
- Ability to make or work from blueprints or shop drawings, perform layout, minor design work, and repair or replace broken parts
- Ability to work from bucket truck and digger derrick truck in heavy traffic (some positions)
- Ability to train others in safety practices and procedures and the proper techniques employed in the welding trade
- Ability to courteously and tactfully communicate with fellow workers, supervisors, other members of the organization, and the public in giving and receiving information

Skill in:

- Skill in the use and care of tools and equipment used in the welding trade.

Physical Requirements: Physical requirements include standing and walking; frequent lifts/carries up to 44 pounds; and occasional lifts/carries up to 80 pounds; constantly lifts/carries up to 16 pounds; frequent pushing up to 10 pounds.

Licenses and Certificates:

- a) Possession of valid Oklahoma Class "A" Commercial Driver's License (CDL) with endorsements within twelve (12) months of hire date
- b) Some positions may be required to obtain a Class "D" Water/Wastewater license from the Department of Environmental Quality (DEQ)
- c) Some positions may require certification on Self-Contained Breathing Apparatus
- d) Some positions may require certification as a Code Welder.

WORKING ENVIRONMENT: Working environment is outdoors and indoors, and in inclement weather. May be exposed to the following: hazardous materials, animal waste/dead animals, flammable liquids, radiation, traffic, underground 20-30 feet deep, confined work areas, extreme heights, excessive dust, weather/temperature extremes, trench excavations, underground gas/electric/petroleum lines, rough terrains, cutting/chipping/grinding, hazardous/toxic atmospheres, sewage, damp/wet surfaces, snow/ice covered surfaces, snake bites, insect bites, poisonous plants, overhead power lines, toxic fumes/vapors/odors, confined spaces, compressed gases, high noise areas, oily surfaces, and refuse/garbage/litter; and may be required to work overtime and be on 24 hour standby.

EEO Code: N-07

Group: Labor and Trades

Series: Equipment and Plant Management