



CITY OF OMAHA CLASS SPECIFICATION

CLASSIFICATION TITLE: FABRICATION MECHANIC I

BARGAINING UNIT: [CIV BARGAINING](#)

CODE NUMBER: 6560

PAY RANGE CODE: [08130](#)

REVISION DATE: 10/26/17

NATURE OF WORK:

This is skilled journey level work in the fabrication and repair of ferrous and non-ferrous metal parts and equipment at the wastewater treatment plants, flood levee, and pump stations.

ESSENTIAL FUNCTIONS: *(Any one position may not perform all the duties listed, nor do the listed examples include all the duties that may be performed in positions allocated to this class.)*

Fabricates or assists in the fabrication from raw materials items which include catwalks, handrails, conveyors, grates, bar screens, and decks.

Accesses parts to be repaired, assesses what work is to be done and the equipment needed, removes the parts, and transports the parts to a workstation.

Makes repairs by disassembling or cutting away damaged portions, welding, brazing, or bolting the new material into place, and milling and polishing the material, ensuring the repairs are made to required tolerances.

Installs or assists with the installation of equipment and fabricated items by transporting them to the worksite, moving the items into position, and welding or bolting them into place.

Operates metal shop equipment such as pipe threaders, lathes, grinders, buffers, drill presses, power presses, saws, and welding equipment.

Assists with the design, layout, and setup of fabrication and repair projects.

Cleans, oils, and lubricates shop equipment and tools.

Maintains regular job attendance in accordance with a schedule established for the position by the supervisor.

Performs other related duties as assigned or as the situation dictates within the scope of this classification.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES:

Knowledge of the standard procedures, methods, tools, and materials of the metal working trades.

Knowledge of the properties of ferrous and non-ferrous metals used in fabrication work.

Knowledge of the occupational hazards and safety procedures of the metal working trade.

Skill in making accurate measurements.

Skill in the use and care of tools, equipment, and materials common to the metal work trades.

Ability to understand oral and written instructions.

Ability to adhere to safety policies, procedures, and guidelines.

Ability to establish and maintain effective working relationships with fellow employees and members of the general public.

Ability to bend, stoop, stand, and walk from 76 to 100% of the time; reach and carry from 51 to 75% of the time; and climb, balance, squat, kneel, crouch, crawl, push, and pull objects up to 25% of the time.

Ability to move objects weighing up to one hundred (100) pounds up to 33% of the time; objects up to fifty (50) pounds from 34 to 66% of the time; and objects up to twenty (20) pounds from 67 to 100% of the time.

EDUCATION AND EXPERIENCE: *(The knowledge, skills, and abilities above may be acquired through, but are not limited to, the following combination of education and/or experience.)*

Education and/or training in fabrication maintenance and repair

AND

Two (2) years of maintenance experience in at least one of the following areas: pumps and motors, hydraulics, or pneumatics.

SPECIAL QUALIFICATIONS

Must possess and maintain a valid motor vehicle operator's license from the time of appointment.

Must possess a forklift operator's permit by the end of the probationary period.

WORKING CONDITIONS: *(The conditions herein are representative of those that must be met by the employee to successfully perform the essential functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential job functions.)*

Work is performed primarily in and around industrial building sites involving working amid high noise levels, vibrating machinery, moving mechanical parts, and electrical currents. Work may be performed in high places and confined spaces, in conditions such as high humidity, fumes, odors, dust, mists, gases, and exposure to chemicals. Work may also be performed outdoors in all weather conditions.

EQUIPMENT OPERATION: *(Any one position may not use all of the tools and equipment listed nor do the listed examples comprise all of the tools and equipment that may be used in positions allocated to this classification.)*

Pneumatic and Electric Grinders

Electric Nibbler

Cutting Torch

Lathe

Band Saw

Drill Press

Forklift

Hoists

Welders (Mig, Arc, Heliarc, and Oxyacetylene)

Anchor Gun

Air Jack Hammer

Gouger

Buffer

Pipe Threader

Hand Tools

Portable Crane

Service Truck

Previous Revision Date(s): 9/24/92
1/30/97
11/21/02
12/13/05