



CITY OF OMAHA CLASS SPECIFICATION

CLASSIFICATION TITLE: MAINTENANCE MECHANIC I

BARGAINING UNIT: [CIV BARGAINING](#)

CODE NUMBER: 6530

PAY RANGE CODE: [08115](#)

REVISION DATE: 10/26/17

NATURE OF WORK:

This is work approaching the journey level involving the installation and maintenance of equipment at the municipal wastewater treatment plants, flood levee, and pump stations, or in the Fire Department's stations. Employees in this class perform minor installation and maintenance and assist with larger, more difficult projects.

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.)*

If employed at a wastewater treatment plant, flood levee, or pump station:

Inspects and performs regular preventive maintenance on hydraulic, pneumatic, and mechanical equipment.

Tests equipment and diagnoses malfunctions.

Assists or works independently in the repair, replacement, or installation of wastewater and flood control systems and related equipment, such as belt filter systems, pumps, heaters, motors, augers, compressors, mechanical power transmission equipment, plumbing, hydraulic hose, cylinders, and valves.

Performs minor repairs on trucks and other motorized vehicles.

Assists in the order and acquisition of repair and supply parts.

Prepares or assists in preparing daily reports, completing work orders, and maintaining preventive maintenance records.

If employed at the Omaha Fire Department:

Repairs or replaces worn hoses, belts, tires, chains, light bulbs, fuses, valves, and other accessories.

Fabricates parts when replacement parts are unavailable.

Operates and tests equipment to diagnose repair needs.

Orders, picks up, and delivers parts, equipment, furniture, appliances, and supplies.

Provides emergency service to make repairs on emergency equipment or transports them to a repair facility.

Inspects and refills extinguishers.

Cleans and maintains shop areas.

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 and ability to operate a computer or other technology using standard or customized computer or systems software applications appropriate to the assigned tasks.

Knowledge of the materials, tools, methods, and techniques used in the mechanical, pneumatic, and hydraulic trades.

Knowledge of the occupational hazards and safety precautions necessary in these trades.

Skill in performing installation, and maintenance activities on mechanical, pneumatic, and hydraulic equipment.

Skill in the operation of the assigned tools and equipment.

Skill in diagnosing equipment defects and making necessary repairs.

Ability to read and interpret technical manuals.

Ability to prepare reports, complete work orders and other forms, and ~~keep~~ maintain records.

Ability to understand oral and written instructions.

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

Ability to learn and adapt to advances in computer and electronics device technology and software.

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

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

Ability to move objects weighing in excess of seventy-five (75) pounds up to 33% of the time, objects in excess of fifty (50) pounds from 34 to 66% of the time, and ability to move objects weighing in excess of 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.)*

High school diploma or its equivalent preferred

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, electrical currents, working 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.)*

Pickup Truck with Snow Plow Attachment
Forklift
Air Compressor
Welder
Generator
Oxygen Acetylene Torch
Hoists and Jacks
Electric & Pneumatic Hand Tools
Pumps
Grinders
Battery Charger

Bar Rakes
Electric and Gas Powered Motors
Drill Presses
Electric Saws
Rigid Pipe Threader
Self-contained Breathing Apparatus
H₂S Sensing Meters
Safety Harness
Cranes
Testing Equipment
High Pressure Washer

Two-Way Radio
Hose Repair Machine
Computer

Lathe
Extractor (For cleaning turnout gear)
Printer

All Wastewater Treatment Plant Operating Equipment.

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