



CITY OF OMAHA CLASS SPECIFICATION

CLASSIFICATION TITLE: STATIONARY ENGINEER I

BARGAINING UNIT: [CIV BARGAINING](#)

CODE NUMBER: 6570

PAY RANGE CODE: [08150](#)

REVISION DATE: 9/24/15

NATURE OF WORK:

This is skilled work in the operation and maintenance of heating, ventilation, and other mechanical equipment. Work involves operating, adjusting, and maintaining mechanical equipment located in buildings owned by the City of Omaha. Incumbents may also be required to perform minor plumbing and electrical maintenance.

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.)*

Operates, adjusts, and maintains boilers, gas or oil fired steam plant, waste heat steam boilers, air handlers, ventilation systems, and other auxiliary equipment located in the City of Omaha buildings.

Maintains log of operations for all equipment.

Maintains equipment to include packing valves and steam fittings, oiling and cleaning motors, and changing filters.

Tests equipment and maintains a log of tests and gauge readings.

Repairs equipment to include pneumatic controls, vacuum pumps, plumbing fixtures, electrical motors, filters, and fans.

Performs minor electrical and plumbing maintenance to include replacing washers, flush valves and seals, repairing toilets, drinking fountains and water lines, and changing light bulbs.

Orders commodities (i.e. fuel oil, propane, and sand) directly related to the operation of the equipment. Receives, verifies, and stores commodities.

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 principles governing the operation of high pressure steam boilers, steam generation, and steam heating systems.

Knowledge of the standard tools and practices used in the repair and maintenance of various heating, ventilation, and building machinery.

Knowledge of occupational hazards and safety precautions in high pressure boiler and ventilation operation.

Knowledge of basic electrical and plumbing systems repair.

Skill in the operation of the assigned tools and equipment.

Ability to diagnose and repair malfunctions in high pressure steam boilers, ventilation, and auxiliary equipment.

Ability to perform basic mathematical computations to include addition, subtraction, multiplication, and division.

Ability to read meters and gauges and maintain accurate records of reading.

Knowledge of and ability to operate and understand computer control systems for boiler and air handling units.

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

Ability to understand written or verbal 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 climb, reach, balance, bend, stoop, squat, kneel, crouch, crawl, stand, walk, and lift from 75 to 100% of the time.

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

Experience in the operation, maintenance, and repair of high pressure steam boilers, ventilation equipment, and in making varied repairs to plumbing and mechanical equipment.

SPECIAL REQUIREMENTS:

Must acquire a third grade stationary engineer’s certificate issued by the City of Omaha within eighteen (18) months after initial hire.

May be required to possess and maintain a valid class ‘O’ driver’s license depending on the department and division in which the position is located.

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 an industrial building with exposure to extreme temperatures ranging from below 32 degrees to above 100 degrees, high noise levels, moving mechanical parts, electrical currents, working at heights above 15 feet, working in confined spaces, humidity, fumes, odors, dust, mist, gases, poor ventilation, and chemicals.

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.)*

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| Hand and Power Tools | Drill Press | Welders |
| Testing Equipment | Tap and Die Sets | Ladders |
| Manifold Test Gauges | Electrical Pipe Threaders | Electric Drill |
| Pneumatic and Fluidic Pumps | Electric Drain Augers | Truck |
| Snow Removal Tractors | Snow Blower | Boom Truck |
| Lawn Mower | Forklift | |
| Electric Volt, Amp, and Ohm Meters | | |

Previous Revision Date(s):

- 9/24/92
- 2/27/97
- 3/28/02
- 11/21/02
- 4/30/09