



# CITY OF OMAHA CLASS SPECIFICATION

**CLASSIFICATION TITLE: STATIONARY ENGINEER II**

**BARGAINING UNIT: CIV MANAGEMENT CODE NUMBER: 2170**

**PAY RANGE CODE: 10.2 MC REVISION DATE: 9/28/17**

## **NATURE OF WORK:**

This is skilled work in the supervision and operation of various electrical, mechanical, and architectural systems (heat exchange/recovery, chilled water cooling, steam heating boilers, and turbine systems). Work involves the supervision and monitoring of subordinate's work performance.

**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.)*

Supervises and schedules assigned staff to include assigning work, evaluating performance, disciplining, and training.

Oversees and participates in the operation of all system equipment and inspects equipment for proper efficiency and maintenance.

Consults with supervisors regarding mode of operation and potential impact on systems as a result of changes.

Identifies problems, makes adjustments, and recommends solutions.

Prepares maintenance repair work orders and coordinates repair of equipment with the maintenance supervisor.

Operates and adjusts system equipment and controls.

Prepares requisitions for expendable supplies and submits for approval.

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 principles and practices governing the operation and maintenance of steam generation or steam heating systems, high pressure steam boilers, and chilled water-cooling systems as well as refrigerated air-compressing systems in order to operate, identify problems, and maintain efficiency.

Knowledge of the standard tools and practices used in the repair and maintenance of various heating and building machinery in order to perform minor maintenance and problem resolution.

Knowledge of heating and ventilating systems in order to operate, maintain, repair, and adjust equipment.

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

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

Ability to measure accurately.

Ability to interpret meters and gauge readings and make calibrations to the equipment and controls based on interpretations.

Ability to understand oral or written instructions.

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

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

Ability to climb, reach, balance, bend, stoop, squat, kneel, crouch, crawl, stand, walk, push, pull, and lift approximately 50% of the work day.

Ability to move objects weighing up to fifty (50) pounds up to 33% of the time; up to twenty (20) pounds from 33 to 66% of the time; and up to ten (10) pounds from 66 to 100% of the time to move objects.

**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/hot water exchangers and in making varied repairs to plumbing and mechanical equipment.

## **SPECIAL QUALIFICATIONS**

Must possess a First Grade Stationary Engineer's Certificate issued by the City of Omaha for designated positions at the time of application.

**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 or governmental office building with exposure to extreme temperature 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, 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.)*

Computer	Telephone	Copier
Printer	Hand and power tools	Ladder
Electric volt, amp, and ohm meters	Drill press	Truck
Electric breakers, fuses, and panels	Testing Equipment	Electric drill
Manifold test gauges	Electric drill augers	
Pneumatic and fluidic pumps		

Previous Revision Date(s): 9/24/92  
4/24/97  
4/30/09