



Job Code: 2451
Grade: X-399 OE
HCWR: N

Job Title
Operating Engineer I

Department
Plant Operations

Job Summary

Under the supervision of the Operating Engineer III and the Operating Engineer II, assists in the operations, monitoring, and maintenance of buildings, and power plant mechanical and operating systems. These systems include heating, ventilation, air conditioning, water pumping, refrigeration, life safety, security, building automation, and energy conservation to supply heat, light, and electrical power for hospitals, residential institutions, and other County facilities. Supervises Mechanical Assistants, Firemen, Fireman Helper, Boiler Washer and other staff as directed.

Typical Duties

- Assists in operations, maintenance, and regulations of the mechanical and operating systems for the building and power plant. These systems include heating, ventilation, air conditioning, refrigeration, and all related controlling equipment.
- Repairs equipment to completion to ensure operational efficiency.
- Directs Mechanical Assistants, Firemen, Firemen Helpers, and Boiler Washers, in the performance of operating preventative maintenance duties.
- Monitors and read the operation performances of equipment by means of meters, gauges, charts, and computers at specific intervals during the assigned shift to determine whether equipment is functioning properly for County facilities. Maintains a log pertaining to recorded readings of controlling and regulating equipment.
- Obtains approval to make necessary adjustments of equipment to satisfy the demands of the respective facility for efficiency and safety of operations.
- Assists in maintaining energy conservation program for assigned facility by regulating electrical, pneumatic, and other automation control devices.
- Assists in life safety and emergency situations (i.e., fire, bomb, internal and external disasters) per facility policy disaster plan in accordance with 24-hour call back for any emergency.

Minimum Qualifications

- Successful completion of an approved and recognized apprenticeship program pursuant to attaining Journeyman status as an Operating Engineer
- Current Stationary Engineer's License issued by the City of Chicago
- Possession of a CFC (Chlorofluorocarbon) card

Preferred Qualifications

- NA

Knowledge, Skills, Abilities and Other Characteristics

- Knowledge of commercial and industrial heating, ventilation, air conditioning, refrigeration, and mechanical systems



Knowledge, Skills, Abilities and Other Characteristics

- Knowledge of commercial and industrial electrical, plumbing, and steam-fitting systems.
- Skill in locating and identifying equipment maintenance problems, making emergency repairs and taking corrective action
- Ability to communicate verbally and in writing
- Ability to read mechanical drawings and blueprints
- Ability to supervise Mechanical Assistants, Firemen, Firemen Helpers, Boilers Washer and other staff as directed
- Occasionally requires various types of physical exertion, including, but not limited to lifting, pulling, pushing, and moving objects of moderate to heavy weight

Physical and Environmental Demands

This position is functioning within a healthcare environment. The incumbent is responsible for adherence to all hospital and department specific safety requirements. This includes but is not limited to the following policies and procedures: complying with Personal Protective Equipment requirements, hand washing and sanitizing practices, complying with department specific engineering and work practice controls and any other work area safety precautions as specified by hospital wide policy and departmental procedures.

The above statements are intended to describe the general nature and level of work being performed by people assigned to this classification. They are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of the personnel so classified.

For purposes of the American with Disabilities Act, “Typical Duties” are essential job functions.