



**Job Code:** 2452  
**Grade:** X-399 OE  
**HCWR:** N

**Job Title**  
Operating Engineer II

**Department**  
Plant Operations

**Job Summary**

Under general direction, the Operating Engineer II supervises the maintaining and monitoring of building 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 the positions of Operating Engineer I, Mechanical Assistant, Fireman, and Fireman Helper. Performs other related job duties as required.

**Typical Duties**

- Completes daily, emergency, and preventative maintenance work orders.
- Collaborates with other trades on construction and remodeling projects.
- Monitors work by referring the daily dispatch log for all shifts.
- Verifies dialysis osmosis system is operating properly as protocol requires.
- Supervises the maintaining and monitoring of building and power plant mechanical and operating systems to satisfy the demands of the respective facility for efficiency and safety of operations.
- Provides work shift schedules to Operating Engineer I's, Mechanical Assistants, Firemen, and other operating personnel and instructs them in special work requirements that are to be performed.
- Performs rounds of the facility to see that required mechanical maintenance is performed by the assigned shift employees.
- Supervises the periodic overhaul, inspection, and testing of all boilers, absorbers, chillers, firefighting equipment, and other power equipment.
- Monitors and implements Cook County energy conservation programs for assigned facility by regulating electrical, pneumatic, and other building automation control devices.
- Reports all inspections and makes recommendations for repairs and replacements of equipment.
- Maintains an inventory of spare parts, supplies and equipment that is necessary to ensure the continuity of operations.
- Responds, coordinates, and 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**

- High School Diploma or GED Equivalent
- Currently employed with Cook County as an Operating Engineer I, required.
- One (1) or more years of full-time paid work experience as an Operating Engineer I with Cook County is required.
- Five (5) years full-time paid work experience as a Journeyman Operating Engineer I is



**Minimum Qualifications**

required.

- Current and valid Stationary Engineer's License issued by the City of Chicago is required.
- Current Driver's license is required.
- Possession of a CFC (Chlorofluoro Carbon) card is required

**Preferred Qualifications**

- NA

**Knowledge, Skills, Abilities and Other Characteristics**

- Thorough and extensive knowledge of commercial and industrial heating, ventilation, air conditioning, refrigeration, and mechanical systems
- Knowledge of commercial and industrial electrical, plumbing, and steam fitting systems
- Knowledge of current industry standards and regulations
- Extensive skill in locating and identifying equipment problems, making emergency repairs and taking corrective action
- Strong verbal communication skills
- Ability to supervise Operating Engineers, Mechanical Assistants, Firemen, Firemen Helpers and other staff
- Ability to read mechanical drawings and blue prints
- Ability to perform various types of physical exertion, including but not limited to lifting, pulling, pushing, and moving heavy objects of moderate to heavy weight
- Demonstrate analytical and organizational, problem-solving, critical thinking, and conflict management/resolution skills

**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.**