



Code: 7633

Family: Construction, Maintenance, and Skilled Labor
Service: Operation and Construction
Group: Steam and Operation Engineering
Series: Hoisting and Conveying Operation

CLASS TITLE: HOISTING ENGINEER

CHARACTERISTICS OF THE CLASS

Under supervision, performs journey-level Hoisting Engineer work, operating heavy construction and off-road equipment used to excavate, lift, move and load earth, water and sewer pipes, and other heavy materials and equipment; and perform related duties as required

Class is a multi-rate title; rate of pay to individual positions is dependent on the Class (I, II and III or Mobile Crane) or type equipment operated

ESSENTIAL DUTIES

- Drives and operates heavy construction and off-road equipment including front-end loaders, backhoes, compactors, pavers, graders and excavators at a work site to dig trenches, backfill, street and ground openings, asphalt street paving and tamping, and loading, lifting and setting pipe
- Operates air compressors, pumps and other power equipment at construction sites
- Controls and maneuvers heavy construction equipment by using switches, moving levers and foot pedals and applying knowledge of equipment operations
- Inspects equipment for operating condition, checking fluid levels, cables and hoses for wear and replacing worn parts to ensure safe and efficient operation
- Changes oil and lubricates moving parts at regularly scheduled intervals to ensure efficient performance of equipment
- Operates a mobile crane, requiring a Crane Operator's license, to lift materials and other heavy objects at a work site
- Prepares work activity reports

NOTE: *The list of essential duties is not intended to be inclusive; there may be other duties that are essential to particular positions within the class.*

MINIMUM QUALIFICATIONS

Education, Training, and Experience

- Successful completion of a US Department of Labor registered Operating Engineer apprenticeship training program and journeyman status, or an equivalent combination of education, training and experience

Licensure, Certification, or Other Qualifications

- A commercial driver's license (CDL), Class A or B, as issued by the State of Illinois
- Positions operating a mobile crane must possess a Crane Operator's license as issued by the City of Chicago

WORKING CONDITIONS

- Exposure to outdoor weather conditions
- Exposure to loud noise, fumes or dust, oily or wet environment
- Exposure to hazardous conditions (e.g., heavy machinery, construction sites)

EQUIPMENT

- Personal protective equipment (e.g., hard hat, shoes, glasses, ear plugs, gloves, vest, pads)

PHYSICAL REQUIREMENTS

- Some lifting (up to 100 pounds) is required
- Physical ability to operate various heavy equipment and machinery
- Physical ability to access cabs of heavy construction equipment

KNOWLEDGE, SKILLS, ABILITIES, AND OTHER WORK REQUIREMENTS

Knowledge

Good knowledge of:

- operation of heavy-duty and off-road equipment and machinery
- standard preventative maintenance procedures used on heavy construction equipment
- safety rules and practices in the operation of heavy construction equipment
- use of safety equipment and protective gear

Knowledge of applicable City and department policies, procedures, rules, and regulations

Skills

- ACTIVE LEARNING - Understand the implications of new information for both current and future problem-solving and decision-making
- ACTIVE LISTENING - Give full attention to what other people are saying, take time to understand the points being made, ask questions as appropriate, and not interrupt at inappropriate times

Abilities

- COMPREHEND ORAL INFORMATION - Listen to and understand information and ideas presented through spoken words and sentences
- SPEAK - Communicate information and ideas in speaking so others will understand
- COMPREHEND WRITTEN INFORMATION - Read and understand information and ideas presented in writing
- RECOGNIZE PROBLEMS - Tell when something is wrong or is likely to go wrong

Other Work Requirements

- INITIATIVE - Demonstrate willingness to take on job challenges
- STAMINA - Demonstrate energy and stamina to accomplish work tasks
- DEPENDABILITY - Demonstrate reliability, responsibility, and dependability and fulfill obligations
- ATTENTION TO DETAIL - Pay careful attention to detail and thoroughness in completing work tasks

All employees of the City of Chicago must demonstrate commitment to and compliance with applicable state and federal laws, and City ordinances and rules; the City's Ethics standards; and other City policies and procedures.

The City of Chicago will consider equivalent foreign degrees, accreditations, and credentials in evaluating qualifications.

* May be required at entry.

City of Chicago
Department of Human Resources
January, 2020