



Office of Human Resources
Equipment Operator IV - CJ1996
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General Statement of Duties

Operates large, complex specialized industrial equipment in accordance with the nature of the work and the efficiency of operations in construction, earthmoving, maintenance, and/or repair and performs light to heavy physical labor.

Distinguishing Characteristics

This class is the fourth level of four classes in the equipment operations series. This class operates vehicles at the Power Shovel Operator level that is described on CSA's Equipment List.

The General Statement of Duties for the other levels of equipment is listed below:
For descriptions and level of individual pieces of equipment, please see CSA's Official Equipment List.

Equipment Operator I

Operates light to medium sized equipment in the performance of a variety of construction, maintenance and other work in combination with assigned vehicle's operation or mode of function and performs light to heavy physical labor.

Equipment Operator II

Operates medium sized, specialized equipment in the performance of a variety of construction, maintenance, and other work including the use of attachments designed to perform specialized tasks in combination with the vehicle's operation or mode of function and performs light to heavy physical labor.

Equipment Operator III

Operates large, heavy industrial equipment and/or semi-tractor trailer equipment which requires a substantial degree of monitoring and/or coordination of the working attachments used in construction, earthmoving, and/or hauling heavy equipment and ground and waste materials and performs light to heavy physical labor.

Equipment Operator IV

Operates large, complex specialized industrial equipment in accordance with the nature of the work and the efficiency of operations in construction, earthmoving, maintenance, and/or repair and performs light to heavy physical labor.

Additionally, the Equipment Operator IV is distinguished from the Crew Lead that performs regularly assigned lead work over a crew in the field that is involved in the construction, repair, and maintenance of City facilities, infrastructure, or equipment including city streets, sewer and storm drains, golf courses, parks, airport structures, or traffic devices.

The Equipment Operator IV is also distinguished from the Operations Supervisor that performs supervisory duties over non-supervisory and/or working supervisory employees involved in the operation, construction, maintenance, and/or repair of City facilities, infrastructure, parks, and urban forests or in the collection and disposal of solid waste.

Level of Supervision Exercised

By position, performs lead work.

Essential Duties

Operates large, complex specialized industrial equipment while controlling both the speed and direction of the vehicle and operations of the working attachments and adjusts level and angle of attachments in accordance with the nature of the work while regularly performing skilled work in construction, earthmoving, and/or other work related duties

Identifies equipment needs for each assigned project and ensures the safe and efficient operation of equipment and a variety of work related tools.

Inspects vehicle for loose parts, damaged or worn tires, proper air pressure in tires, and other items affecting its safe operation and completes a pre/post trip inspection as defined by federal guidelines.

Observes on-board instruments while operating equipment and takes routine corrective action if malfunctions are indicated.

Performs manual labor in construction, maintenance, and/or other work related duties when not driving equipment to or operating it at the work site.

Assists in preventative maintenance of equipment by washing and servicing vehicles with water, oil, and fuel, performs basic maintenance, and makes minor running repairs.

Keeps trip records and logs, reports defects in the vehicles operations, accidents, traffic violations, or damage to the vehicle.

Responds to public inquiries in a courteous manner and provides information within the area of assignment.

By position, participates in snow removal duties.

By position, provides training to less experienced employees.

By position, may be required to be on-call to address emergent needs.

Performs other related duties as assigned.

Any one position may not include all of the duties listed. However, the allocation of positions will be determined by the amount of time spent in performing the essential duties listed above.

Competencies

Customer Service - Works with customers to assess needs, provides assistance, resolves problems, and satisfy expectations, knows products and services, and is committed to providing quality products and services.

Mathematical Reasoning – Understanding of basic math that will be used on the job including counting, adding, subtracting, and multiplying.

Oral Communication - Expresses information to individuals or groups effectively; taking into account the audience and nature of the information; makes clear and convincing oral presentations; listens to others, attends to nonverbal cues and responds appropriately.

Reading - Understands and interprets written material, including technical material, rules, regulations, instructions, reports, and charts, graphs, or tables; applies what is learned from written material to specific situations.

Written Communication – Composes, reviews, edits, and issues written materials for diverse audiences and communicates purpose in a succinct and organized manner that is appropriate for context, time, and place.

Knowledge & Skills

Knowledge of materials, methods, and the appropriate tools to construct objects, structures, and buildings.

Knowledge of materials, methods, and appropriate tools to construct, maintain, or repair road surfaces including sidewalks, parking lots, runways, etc.

Knowledge of principles and methods for operating industrial equipment.

Knowledge of motor vehicle engines, parts, and systems including their designs, uses, repair, and maintenance.

Knowledge of machines and tools including their designs, installation, uses, repair, and maintenance.

Knowledge of safety hazards and necessary safety precautions sufficient to be able to establish a safe work environment for self and others.

Education Requirement

Graduation from high school or the possession of a GED, HiSET or TASC Certificate.

Experience Requirement

Four (4) years of experience operating medium sized, specialized equipment which must include one (1) year of experience operating large complex specialized industrial equipment.

Education & Experience Equivalency

Additional appropriate experience may be substituted for the minimum education requirements.

Licensure & Certification

This job requires driving. Requires a valid Commercial Driver's License (CDL "B") with appropriate endorsements at the time of application.

By position, requires a valid Commercial Driver's License (CDL "A") at time of application.

Licenses and certifications must be kept current as a condition of employment.

Working Environment

Potential exposure to: hazards from elector/mechanical/power equipment.

Potential exposure to: temperature changes and variations in temperature from hot to cold.

Potential exposure to: contact with water or other liquids.

Subject to: long irregular hours.

Subject to: many interruptions.

Subject to: injury from moving parts of equipment

Subject to: hazards from flammable and explosive gases.

Subject to: works in precarious or high locations (ladders, scaffolding etc.).

Level of Physical Demand

3-Medium (20-50 lbs.)

Physical Demands

(Physical Demands are a general guide and specific positions will vary based on working conditions, locations, and agency/department needs.):

Eye/Hand/Foot Coordination: performing work through using two or more.

Repetitive Motions: making frequent movements with a part of the body.

Feeling: perceiving attributes of objects by means of skin receptors.

Lifting: raising or lowering an object of more than 50 pounds from one level to another.

Standing: remaining on one's feet in an upright position.

Sitting: remaining in the normal seated position.

Climbing: ascending or descending objects usually with hands/feet.

Walking: moving about on foot.

Carrying: transporting an object usually by hand, arm, or shoulder.

Pushing: exerting force upon an object so that the object is away.

Pulling: exerting force on an object so that it is moving to the person.

Balancing: maintaining body equilibrium to prevent falling over.

Stooping: bending the body by bending spine at the waist.

Kneeling: bending legs to come to rest on one or both knees.

Crouching: bending body downward and forward by bending legs.

Crawling: moving about on hands and knees or hands and feet.

Reaching: extending the hand(s) and arm(s) in any direction.

Handling: seizing, holding, grasping, or otherwise working with hands.

Fingering: picking, pinching, or otherwise working with fingers.

Talking: expressing or exchanging ideas by means of spoken words.

Hearing: perceiving the nature of sounds by the ear.

Far Acuity: ability to see clearly at 20 feet or more.

Near Acuity: ability to see clearly at 20 inches or less.

Depth Perception: ability to judge distance and space relationships.

Field of Vision: ability to see peripherally.

Accommodation: ability to adjust vision to bring objects into focus.

Color Vision: ability to distinguish and identify different colors.

Agility: bends, stretches, twists, or reaches out with the body, arms, or legs.

Stamina: exerts oneself physically over long periods of time without tiring (which may include performing repetitive tasks such as hammering or lifting objects).

Physical Strength: exerts maximum muscle force to lift, push, pull, or carry objects and performs moderately laboring work.

Background Check Requirement

Criminal Check

Employment Verification

Motor Vehicle Record

Licenses/Certification

Assessment Requirement

Performance Test

Probation Period

Six (6) months.

Class Detail

Pay Grade: J-619

FLSA Code: N

Established Date: 9/21/2018

Established By: LS

Revised Date:

Revised By:

Class History: