

CONSTRUCTION AND HEAVY EQUIPMENT OPERATOR

DEFINITION

Under supervision, operates various types of construction, agricultural, and related equipment.

SUPERVISION RECEIVED/EXCERCISED

The Construction and Heavy Equipment Operator receives supervision from an assigned supervisor. This class does not exercise staff supervision.

DISTINGUISHING CHARACTERISTICS

The Construction and Heavy Equipment Operator is a highly skilled class in which incumbents independently operate various types of complex construction, agricultural, and related equipment for construction and maintenance activities. Depending upon assignment, will provide direction to support personnel assisting with an assigned route or project. This class is distinguished from the Senior Construction and Heavy Equipment Operator in that incumbents of the latter provide lead direction to others engaged in the operation of similar equipment.

EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES

(May include, but are not limited to, the following:)

Operates assigned complex equipment for construction and maintenance of streets, alleys, concrete improvements, drainage facilities, water distribution facilities, sanitary sewer systems, transfer stations, wastewater infiltration and reclamation facilities, and other City facilities.

Operates complex construction equipment, heavy tractors, and related equipment to perform a variety of maintenance tasks, such as grading, making fills, and other work which involves the use of attached equipment and associated implements.

Estimates types and amounts of materials needed and initiates requests for materials.

Dependent upon assignment, provides direction to support personnel assisting with an assigned route or project.

Performs minor maintenance and service on assigned equipment.

Reports equipment malfunctions and requests maintenance service as needed.

Performs related duties as required.

JOB RELATED AND ESSENTIAL QUALIFICATIONS

Knowledge of:

Methods used in the operation, and care of construction, agricultural, and related equipment.

Applicable safety rules and procedures.

Traffic laws pertaining to the safe operation of trucks and equipment.

The geographic layout of the City of Fresno or assigned collection route.

Skill/ Ability to:

Provide lead direction to, and plan and assign the activities of, a group of workers or helpers.

Detect needed mechanical work and make necessary minor repairs and adjustments.

Understand and follow oral and written instructions.

Work independently and with a team in the performance of assigned duties.

Establish and maintain effective working relationships with those contacted in the performance of assigned duties sufficient to exchange or convey information, give/receive work direction.

Perform manual work under adverse conditions.

Operate construction, agricultural, and related equipment safely.

MINIMUM QUALIFICATIONS

Education:

Possession of a High School Diploma or equivalent GED completion.

Experience:

Two (2) years of experience in the operation of construction, agricultural and related equipment with complex operating requirements.

Special Requirement(s):

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Depending upon assignment, must possess at the time of application a valid Commercial Class A or a valid Class B California Driver's License with tank endorsement and without airbrake restrictions and continued maintenance throughout the entire term of employment in this classification. Depending upon assignment, may be required to obtain valid California Department of Motor Vehicles (DMV) Driver's License Endorsements.

Recruitments may be limited to a specific area of experience, as required by operational needs.

PHYSICAL DEMANDS

The physical demands described here are representative of those that are necessary to safely, effectively, and efficiently perform the essential functions of this job with or without reasonable accommodation.

This classification's physical demands involve heavy work exerting up to 100 pounds of force occasionally with assistance, and/or up to 50 pounds of force frequently, and/or up to 20 pounds of force constantly to move objects. Additionally, the following physical demands may be required: balancing, climbing, crawling, crouching, feeling, manual dexterity, grasping, handling, hearing, kneeling, lifting, mental acuity, pulling, pushing, reaching, repetitive motion, speaking, standing, stooping, talking, visual acuity, walking.

APPROVED: Signature on File DATE: 10/20/2025
Director of Personnel Services

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