

SENIOR CONSTRUCTION AND HEAVY EQUIPMENT OPERATOR

DEFINITION

Under general supervision, operates various types of construction, agricultural, and related equipment and provides lead direction to other workers engaged in the operation of similar equipment.

SUPERVISION RECEIVED/EXERCISED

Receives supervision from a Manager or designee. This class provides lead direction to assigned staff in the performance of construction and maintenance activities. This class does not exercise supervision.

DISTINGUISHING CHARACTERISTICS

Senior Construction and Heavy Equipment Operator is the advanced working/lead class in which incumbents operate various types of construction, agricultural, and related equipment for construction and maintenance activities and provide lead direction to other workers engaged in the operation of similar equipment. Incumbents may also direct the activities of a small crew in the performance of assigned duties. This class is distinguished from Construction and Heavy Equipment Operator in that incumbents of the former operates more complex equipment.

EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES

May include, but are not limited to the following:

Operates assigned 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 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.

Plans, organizes and oversees daily activities of crews operating equipment and related tasks.

Provides an accounting of tools, material, equipment and labor for each construction project, estimates time and materials required.

Ensures efficient use of resources and professional execution of projects.

Recommends and implements efficiency and productivity enhancements.

Provides lead direction to one or more crews as required.

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:

The care, use, and operation of construction, agricultural, and related equipment.

Applicable safety rules and procedures.

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

Materials and methods used in the operation, construction and repair of public works facilities.

The geographic layout of the City of Fresno.

Skill to:

Safely operate construction, agriculture, and related equipment.

Ability to:

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

Understand and follow oral and written instructions.

Work independently or as a member of a crew.

Plan, lay out, organize, assign, train, and provide lead direction for the work of one or more crews.

Accurately estimate time and materials requirements.

Keep accurate records and prepare written reports.

Establish and maintain effective working relationships.

Train on multiple pieces of equipment.

MINIMUM QUALIFICATIONS

Three (3) years of experience in the operation of construction, agricultural and related equipment with complex operating requirements.

Special Requirements:

Must possess a valid California Commercial Driver's License Class A or equivalent with tank endorsement and without airbrake, transmission, or fifth wheel restrictions at the time of application and must maintain the appropriate license for the entire term of employment in this classification.

Applicants from another state who possess an equivalent Commercial Driver's License Class A with tank endorsement and without airbrake, manual transmission, or fifth wheel restrictions may be qualified but must possess a valid California Commercial Driver's License Class A with the aforementioned endorsements and without restrictions by time of appointment.

Depending upon assignment, may be required to obtain at the time of application and maintain throughout the entire term of employment, additional valid California Department of Motor Vehicles (DMV) Driver's License Endorsements.

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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