

EQUIPMENT OPERATOR I

JOB DESCRIPTION

Classification Responsibilities: An Equipment Operator I is the entry-level class in the Equipment Operator series and is responsible for the safe, efficient operation and care of construction equipment with limited- to moderate-complexity. Incumbents perform a variety of tasks involved in the maintenance and repair of City streets, storm drainage systems, parkways, and rights-of-way; or the construction, maintenance, and repair of the City's water and wastewater utility systems. Work requires considerable skill in order to manipulate equipment associated with each assignment, such as backhoes (fine grading), forklifts, trenching machines, street sweepers, slurry trucks, front-end loaders, tractors/gannons, a truck with a trailer, a stake body, bin truck with a trailer, self-propelled herbicide spray machines, and combination high-velocity jetter/vactor truck or equivalent equipment. Allocation to this class establishes equipment operation as the primary function of the position. However, when not operating equipment, an employee in this class is expected to take the initiative in assisting in the manual and technical aspects of the construction, maintenance, and repair activities. These assignments may involve duties such as public contact, work in close proximity to heavy traffic and underground utility lines, exposure to hazardous chemicals, possible injury as a result of working around trash and debris, confined space entry, and heavy physical exertion under all weather conditions. Employees in this class are required to use appropriate safety equipment and follow safety procedures in performing assignments. Duties require initiative and independent judgment in the care and operation of construction equipment, as well as mechanical aptitude and skillful coordination of eye, hand, and foot movements. Employees have responsibility for the safety of coworkers while equipment operation is being performed. This class is subject to frequent emergency call-out and incumbents must be willing to work scheduled stand-by and overtime on nights, weekends, and holidays as required. This class is responsible for performing related duties as required.

Energy Resources Assignment: An Equipment Operator I assigned to Energy Resources operates a variety of construction equipment (examples: backhoe and trencher) under the supervision of a Crew Leader. Consequences of cutting through utility lines range from little risk of injury but potentially large cost of repair (in the case of telephone cables), to life-threatening potential for the operator and other persons in the area (from energized power lines or live gas mains).

Transportation Assignment: An Equipment Operator I assigned to Transportation operates equipment such as street sweepers, slurry trucks, front-end loaders, tractors/gannons, and a truck with a trailer. The Equipment Operator I may provide direction to a small crew, depending on assignment.

Water Resources Assignment: An Equipment Operator I assigned to Water Resources operates a variety of construction equipment such as combination high-velocity jetter/vactor truck, easement machine, valve exercising equipment, front-end loaders, tractors/gannons, dump truck, and a truck with a trailer. The Equipment Operator I may provide direction to a small crew, depending on assignment.

Distinguishing Features: The Equipment Operator I class is distinguished from the Equipment Operator II by the latter's higher degree of skill required to operate moderately complex heavy equipment and the greater consequences of error and exposure. The Equipment Operator I class is distinguished from the Field Worker II classification by the higher degree of skill required to operate a variety of construction equipment with limited to moderate complexity with equipment operation established as the primary function of the position. Supervision is received from a crew leader, foreman,

or supervisor who reviews incumbents' work through on-site observation of work in progress and completed projects. Employees in this class may progress to the Equipment Operator II class by noncompetitive, criteria-based promotion after successful completion of required certifications, on the job training, achievement of satisfactory performance appraisals, and successful completion of initial City probation (***Water Resources Assignment***). This class is FLSA non-exempt.

QUALIFICATIONS

Employee Values: All employees of the City of Mesa are expected to uphold and exhibit the City's shared employee values of Knowledge, Respect, and Integrity.

Minimum Qualifications Required. Any combination of training, education, and experience equivalent to graduation from high school or GED. Good (1 - 3 years) experience operating light trucks, construction equipment, and/or manual labor/maintenance tasks related to the assignment area.

Energy Resources Assignment: One-year full-time employment with the City of Mesa as a Field Worker II within the Energy Resources Department may be substituted for one-year full-time employment operating construction equipment relevant to the construction, maintenance, and repair of natural gas systems.

Water Resources Assignment: One-year full-time employment with the City of Mesa as a Field Worker II within the Water Resources Department may be substituted for one-year full-time employment operating construction equipment relevant to the construction, maintenance, and repair of public or private utility systems.

Special Requirements.

Energy Resources Assignment: Must possess a valid Arizona Class A CDL with no air brake restrictions by hire or promotion date. Must obtain qualification as a gas system operator in accordance with Code of Federal Regulations (CFR) Part 192 within one year of hire or promotion date.

Transportation Assignment: Must possess a valid Arizona Class A CDL with tanker endorsement by hire or promotion date.

Water Resources Assignments: Must possess a valid Arizona Class A CDL with tanker endorsement and no air brake restrictions by application date, in addition to the following requirements based on assignment area:

Wastewater Collections Assignment: Must obtain a Grade I (or higher) Wastewater Collection System Operator certification from the Arizona Department of Environmental Quality (ADEQ) within one year of hire or promotion date.

Water Distribution Assignment: Must obtain a Grade I (or higher) Water Distribution System Operator certification from the ADEQ within one year of hire or promotion date.

Substance Abuse Testing. This class is subject to Department of Transportation (DOT) Federal Motor Carrier Safety Administration (FMCSA) drug and alcohol testing as outlined in 49 CFR Part 382.

Energy Resources Assignment: This class is subject to DOT drug and alcohol testing as outlined in 49 CFR part 199 for Pipeline and Hazardous Materials Safety Administration (PHMSA).

Preferred/Desirable Qualifications.

Transportation Assignment: At least three years of construction or public works maintenance experience OR one year of full-time work experience with the City of Mesa as a Field Worker II. Experience involving work with hot mix asphalt, concrete, seal coats, right-of-way, or other related street maintenance activities. Some supervisory experience is preferred. Formal training or certification for equipment operation (example: manufacturer training, etc.) is desirable.

Water Resources Assignment: At least three years of construction or public works maintenance experience.

ESSENTIAL FUNCTIONS

One position may not include all of the essential functions, knowledge, skills, and abilities listed, nor do the listed examples include all the knowledge, skills, and abilities which may be found in positions of this classification.

Communication: Communicates with the general public, other City employees, management, or others to give directions, explain work situations, and plan work. Keeps records and prepares reports as required. Completes daily work logs and work order forms. Provides information and answers questions from the public/coworkers regarding City services or assigned departments, etc. Reads and understands maps and street signs and completes daily driver reports.

Manual/Physical: Skillfully and safely operates a variety of construction equipment with limited- to moderate-complexity such as backhoes (fine grading), forklifts, trenching machines, street sweepers, slurry trucks, front-end loaders, tractors/gannons, a truck with a trailer, a stake body, bin truck with a trailer, self-propelled herbicide spray machines, articulated skid steer loader, or equivalent equipment. Operates a variety of construction equipment requiring a valid Arizona Class A CDL with required endorsements depending on assignment. Operates equipment according to traffic laws and regulations. Performs pre- and post-trip inspections to ensure equipment is in safe operating condition. Cleans equipment using the appropriate materials. Uses common hand tools such as: hammers, saws, screwdrivers, or similar tools. Moves debris, dirt, or other material from one place to another. Measures distances to estimate materials to be excavated or replaced. Sets up and removes traffic barricades in case of equipment breakdown or an oil spill. Working conditions may include the following: the hazards of flying debris; heavy manual labor; exposure to chemicals such as equipment degreaser; and exposure to a variety of weather conditions. Detects audible backup warning devices and traffic sounds when working around moving equipment and in close proximity to moving traffic. Observes, inspects, or monitors conditions to determine compliance with prescribed operating or safety standards. Uses graphic instructions such as blueprints, layouts, schematic drawings, or other visual aids. Performs unskilled/skilled manual labor when needed. Performs routine service and preventative maintenance on trucks and equipment including, but not limited to: cleaning, fueling, and adding oil and hydraulic fluid; filling radiators; checking instruments, mirrors, brakes, steering, and signals; maintaining tire pressure;

and draining air tanks as needed. Performs minor maintenance on trucks, such as lubricating and inserting grease through zerk fittings as needed. Cleans cabs, windows, mirrors, etc. on equipment (*by assignment*). Works around or uses potentially hazardous materials requiring the use of specialized equipment (example: household hazardous waste event). Meets scheduling and attendance requirements.

Mental: Learns job-related material through on-the-job training. Comprehends and makes inferences from written material such as drawings, specifications, construction documents, or work orders to complete assignments. Performs tasks in conformance with operations and maintenance manuals and established department procedures. May assist in supervising and evaluating the work of subordinate personnel. Understands job related material regarding equipment safety, repair, and construction techniques.

Knowledge/Skill/Abilities:

Knowledge of:

functions, operating methods, and care required for a wide variety of construction equipment;
the hazards and applicable safety precautions for equipment operation;
equipment capabilities, limitations, and safe operating characteristics;
the safety practices and procedures used when working near heavy traffic;
Mesa Standard Details and Specifications; and
traffic control procedures using traffic control devices.

Skill in the efficient and safe operation of construction equipment.

Ability to:

effectively perform work assignments in accordance with verbal and written instructions;
organize and prioritize daily work;
perform construction work and manual labor as necessary;
operate all assigned equipment and vehicles;
assist in supervising effectively;
supervise crews and/or contract personnel (*by assignment*);
make independent decisions on a regular basis;
keep records and make reports;
establish and maintain effective working relationships with coworkers and other employees; and
handle all physical requirements of the class.

The duties listed above are intended only as general illustrations of the various types of work that may be performed. Specific statements of duties not included does not exclude them from the position if the work is similar, related, or a logical assignment to the position. Job descriptions are subject to change by the City as the needs of the City and requirements of the job change.

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RM/sb/lv

CS4201.DOCX

CS4201E (Energy)

CS4201T (Transportation)

CS4201X (Street Sweeper Assignment)

CS4201W (Water Resources)

EEO-SCW

JOB FCTN-GEN

Non-DOT Safety and Security-N

CDL-Y

RESP-N

PAY GRADE: 49 IND-5506

PAY GRADE: 49 IND-7502

PAY GRADE: 49 IND-5506

PAY GRADE: 49 IND-5506

PAY GRADE: 49 IND-5506

SWORN-No

Non-DOT Random-N

DOT-Y

INCREMENTS 76-200