

ELECTRIC UTILITY EQUIPMENT OPERATOR

JOB DESCRIPTION

Classification Responsibilities: An Electric Utility Equipment Operator performs skilled work in the operation of a hydraulic crane to lift and move heavy objects such as large underground vaults, transformer pads, and trench shoring. Incumbents also operate related equipment such as backhoes, boom trucks, and cable pulling machines for associated electric utility construction and maintenance tasks. This class is responsible for performing related duties as required.

Distinguishing Features: This class is distinguished from other operator classifications by its responsibility for operating a variety of equipment such as backhoes and cranes in the construction and repair of the City's electric utility system. Allocation to this class establishes equipment operation as the primary function of the position. Employees in this class work under the hazardous conditions associated with electricity, moving traffic, darkness, and adverse weather conditions. Incumbents have full responsibility for the safety of other workers connected with the operation of this equipment, and are required to use appropriate safety equipment and procedures in performing duties. Work is often performed without immediate supervision, but is frequently checked by department personnel for adherence to safety regulations, promptness in completing assignments, and effectiveness with which the loading, unloading, lifting, and setting of heavy objects is done. The Electric Utility Equipment Operator is generally supervised by a Line Foreman. This class is FLSA nonexempt.

QUALIFICATIONS

Minimum Qualifications Required. Any combination of training, education, and experience equivalent to graduation from high school or GED. Considerable (3 - 5 years) experience operating medium to heavy maintenance and/or construction equipment, and a demonstrated skill level on equipment representative of assignment.

Special Requirements. Must possess a valid Arizona Driver's License and Arizona Class A Commercial Driver's License (CDL) Instructional Permit by hire or promotion date. The skills demonstration portion of the CDL test must be completed within 120 days of hire or promotion date and will be administered by a City of Mesa Third Party Tester. Must reside within the City of Mesa Electric Utility call-out area (example: within an 18-mile radius of the Main Street and Center Street intersection) within one year after hire date.

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

Preferred/Desirable Qualifications. Sufficient education to understand written instructions is also required. Formal training or certification for equipment operation is desirable.

ESSENTIAL FUNCTIONS

Communication: Transmits job information on a portable radio to discuss work assignments and to acquire supplies. Documents work completed on daily log sheets and work orders. Interprets a lead worker's hand signals while working in deep excavations to work around utility services which cannot be seen while operating the equipment.

Manual/Physical: Operates cranes up to 40 tons in order to perform tasks such as the following: set large transformer pads, set transformers, set poles, lift and install large underground electric vaults (which are often in close relationship to energized overhead electrical lines), install vault safety cages and trench shoring devices, and load and unload reels of primary wire onto and from wire trailers. Assists other City departments by operating the crane to lift, set, and remove heavy objects such as air conditioners on roofs and refuse beds off garbage trucks. Operates boom trucks, buckets trucks, etc. requiring a valid Arizona Class A CDL. Uses a boom truck to set transformer pads and to place and remove steel plates weighing up to two tons. Operates the butterfly drum on the boom truck to pull primary neutrals into vaults and transformers, and to take out old primary conductors and neutrals. Operates a digger derrick in order to dig holes for poles. Operates the underground cable-pulling machine to pull electrical cable in from one underground vault to another through conduit or from vaults to transformers. Operates wire-pulling machines for pulling overhead lines or for rolling up large quantities of old primary cables. Uses a backhoe to dig trenches up to 20 feet deep and to excavate for large electric vaults. Operates a backhoe to dig around utility services such as electric, telephone, and high-pressure gas lines, large and small water mains, and sewer and storm drains. Observes location and behavior of crew members to lessen or prevent their endangering themselves or harming the equipment.

Mental: Applies knowledge of equipment capabilities and limitations during equipment operation to ensure that both the equipment being used and the object being moved is constantly positioned and balanced correctly in order to prevent property damage, injury, and loss of life. Decides where to position backhoe and dump truck to minimize conflict with vehicle and/or pedestrian traffic.

Knowledge/Skill/Abilities:

Knowledge of:

occupational hazards and applicable safety precautions for heavy equipment operation; and traffic laws and regulations relating to the operation of assigned equipment.

Skill in the efficient and safe operation of assigned equipment.

Ability to:

effectively perform work assignments in accordance with verbal and written instructions; establish and maintain effective working relationships with management, coworkers, and other City employees; and perform related semiskilled, electrical work as directed.

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.

Revised to Update Pay Grade 9/14

MF/pa

CS4348.DOCX

EEO-SCW

NDOT SAFETY-N/A

NDOT RANDOM-No

DOT SAFETY-FMCSA

RESP-No

JOB FTN-TRA

INCREMENT 200 Only

PAY GRADE: 45 (200)

SECURITY-N/A

CDL-Yes

IND-7539

SWORN-No