

## FIELD WORKER II

### JOB DESCRIPTION

**Classification Responsibilities:** A Field Worker II performs a variety of skilled and semiskilled tasks involved in the construction, maintenance, and repair of the City's gas utility distribution system; streets, storm drainage systems, parkways, and rights-of-way; or the water and wastewater utility systems, based on area of assignment. Employees of this class also perform a variety of manual labor and equipment-assisted maintenance tasks related to assignment area. Incumbents operate basic construction equipment with limited complexity including, but not limited to: asphalt patch truck, dump truck, pneumatic roller, front-end loader, backhoe, water truck, boring equipment, boom truck, combination vactor/jetter truck, crane truck, pick-up truck, etc., on a routine basis. Employees in this class operate hand-held power equipment such as jackhammers, tampers, blowers, boring equipment, mechanical and hydraulic saws, etc. Work is often performed under adverse weather conditions and may entail working in close proximity to heavy traffic. In addition, Field Worker II's perform all duties and responsibilities of Field Worker I's as needed. The work performed by a Field Worker II is physically demanding and employees must be capable of frequent lifting and carrying of heavy equipment and materials (50 pounds or more) that may involve considerable bending, stooping, and climbing associated with construction and maintenance work. An employee in this class is required to use appropriate safety equipment and follow safety procedures in performing assignments. This class is subject to emergency call-out and must be available 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:** A Field Worker II assigned to Energy Resources is expected to operate a variety of basic construction equipment and vehicles including a dump truck, front-end loader, boom truck, or backhoe, in addition to performing manual labor. This class operates various equipment including boring equipment, jackhammer, tamper, etc. Job hazards include working around energized power lines, water and sewer mains, natural gas lines, and working in deep trenches.

**Transportation Assignment:** A Field Worker II assigned to Transportation operates a variety of basic construction equipment and vehicles including a water truck, asphalt patch truck, dump truck, pneumatic roller, and pick-up truck to haul various trailers. Employees in this class operate hand-held power equipment such as jackhammers, tampers, blowers, etc.

**Water Resources Assignment:** A Field Worker II assigned to Water Resources may be rotated among Water Distribution and Wastewater Collection crews and will operate a variety of basic construction equipment and vehicles including: dump truck, front-end loader, may operate a combination vactor/jetting truck, boom truck, or backhoe. Employees also operate various other equipment including: boring equipment, jackhammer, tapping machine, easement machine, etc. This class may oversee the work of other employees on a project related basis and performs related duties as required.

**Distinguishing Features:** The Field Worker II class is distinguished from the Equipment Operator I class by the latter's 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. The Field Worker II class is distinguished from the Field Worker I class by the latter's responsibility for working in a training capacity while learning to perform the duties of a Field Worker II. Assignments involve public contact. Employees in this class are expected to exercise initiative and

independent judgment in assisting other crew members with more technical activities. Supervision is received from a crew leader, foreman, or supervisor who reviews work through on-site observation of work in progress and completed projects. This class is FLSA nonexempt.

***Energy Resources Assignment:*** Employees may progress to this class by noncompetitive promotion upon meeting the specific criteria-based promotion requirements of experience, performance, certification, and on the job training.

***Transportation Assignment:*** Employees may progress to this class by noncompetitive promotion upon meeting the specific criteria-based promotion requirements of experience, training, and performance.

***Water Resources Assignment:*** Employees may progress to this class by noncompetitive promotion upon meeting the specific criteria-based promotion requirements of experience, training, and performance.

## 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, or experience equivalent to graduation from high school or GED. Good (1 - 3 years) experience in the construction, maintenance and/or repair of underground utility systems; gas utility distribution systems; streets, storm drainage systems, parkways, and rights-of-way; or water and wastewater utility systems or related experience based on assignment area.

**Special Requirements.** Must possess a valid Arizona Class A Commercial Driver's License (CDL) by hire or promotion date (with no airbrake restriction for ***Energy Resources Assignment***; with tanker endorsement for ***Transportation Assignment***; with tanker endorsement and no airbrake restriction for ***Water Resources Assignment***).

***Energy Resources Assignment:*** Must achieve City of Mesa Operator Qualification in accordance with 49 Code of Federal Regulations (CFR) Part 192 by hire or promotion date and possess knowledge and understanding of flammable gases. Must obtain required certification to install Lyco and Perfection fittings and fuse polyethylene pipe by hire or promotion date.

***Water Resources Assignments:*** Must meet the qualifications to wear a tight fitting respirator by passing a medical evaluation in accordance with CFR 1910.134 by hire or promotion date and must maintain certification.

***Wastewater Collections Assignment:*** Must possess a Grade I (or higher) Wastewater Collections Operator certification from the Arizona Department of Environmental Quality (ADEQ) or equivalent certification from another state through reciprocity with Arizona by application date. Certification through reciprocity must be obtained within 3 months of hire or promotion.

***Water Distribution Assignment:*** Must possess a Grade I (or higher) Water Distribution certification from the ADEQ or equivalent certification from another state through reciprocity with Arizona by application date. Certification through reciprocity must be obtained within 3 months of hire or promotion.

**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 the Pipeline and Hazardous Materials Safety Administration (PHMSA) AND Part 382 for the Federal Motor Carrier Safety Administration (FMCSA).

### **Preferred/Desirable Qualifications.**

**Energy Resources Assignment:** More than one year experience with a gas utility distribution system to include training, knowledge or experience in the design, construction, operation or maintenance of a gas distribution utility system and extensive knowledge and understanding of flammable gases.

**Transportation Assignment:** Experience involving work with hot mix asphalt, concrete, seal coat, right-of-way, or other related street maintenance activities.

**Water Resources Assignment:** Experience with operations and maintenance of public or private utility system.

### **ESSENTIAL FUNCTIONS**

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

**Communication:** Communicates with the general public, other City employees, management, or others in order to receive assignments, obtain supplies and equipment, and complete a wide variety of maintenance assignments, and explain various job functions in the absence of the crew leader, foreman, or supervisor from the job site. Notifies customers of the nature, duration, and cause of work to be performed, answering questions as necessary, and referring problems to the appropriate personnel. Acknowledges and clarifies dispatched radio assignments, informs the general public of safety hazards, and communicates with field crews. Completes a variety of forms and reports. Documents completed work on work orders.

**Manual/Physical:** Operates a motor vehicle or equipment such as: asphalt patch truck, dump truck, pneumatic roller, front-end loader, backhoe, water truck, boring equipment, boom truck, combination vactor/jetter truck, crane truck, and pick-up truck requiring an Arizona Class A CDL in the performance of duties in assigned area. Operates hand-held power equipment such as jackhammers, tampers, blowers, boring equipment, mechanical and hydraulic saws, boring and tapping machines etc., to remove hazards, repair streets, and maintain rights-of-way and pump sites or on installing, maintaining, and repairing underground utility lines to facilitate project completion, to remove soil from excavation site and move to and from different job locations. Uses common hand tools to perform maintenance tasks and make incidental repairs at work sites. Determines locations and checks for blue stake markings. Responds to emergency calls involving spills, street failure, or debris in streets. Places and finishes concrete patches in sidewalks, curbs, driveways, etc. Excavates the ground using a pick, shovel, spade, sharpshooter, or other tools to excavate at repair sites. Sets barricades and traffic cones in accordance with crew leader's instructions to safely reroute traffic away from the work area. Inspects barricade set-up to determine compliance with the Barricade Procedures Manual. Installs various devices to perform

emergency repairs and remedy leaks in the gas utility distribution system. Installs saddles, clamps, and other emergency repair devices, which may be required to stop leaks in water and wastewater mains and services. Cleans, inspects, and clears blockages of wastewater mains and services. Uses a cart or other aid to move heavy equipment and materials (50+ pounds) such as hoses, bags of concrete, paint containers, portable pumps, etc. Prepares final grade for form setters. Seals cracks in street surfaces. Hand finishes slurry seal surfaces to remove rocks and produce uniform surfaces. Assists in asphalt paving to ensure smooth rideable surface. Uses a broom and a shovel to sweep and move debris, asphalt, etc., in maintaining and repairing streets. Cleans and maintains hand tools, trucks, pump structures, etc., using solvents, paints, and waxes. Cleans work area, all hand, and/or power tools, and/or equipment around excavation site for next use. Works with pesticides, spray marking paints, cleaning fluids, chemicals polyvinylchloride (PVC) pipe cleaner, glue, and mastic pipe sealant using normal protective equipment. Manually excavates trenches and periodically exposes underground utility lines to identify any possible dangers or obstructions to backhoe operation. Backfills, compacts, and cold patches holes and trenches remaining after construction maintenance or repair activity has been completed. Loads materials and equipment needed for the day's work assignment(s) onto crew truck. Shades, backfills, and compacts in conformance with established standard specifications for size and location of cut and type of fill material used. Removes sight-distance hazards such as tree limbs and illegal signs. Detects audible backup warning devices and traffic sounds when working around moving equipment and in close proximity to moving traffic. Works in a variety of weather conditions and in small, cramped areas. Works in a physically demanding area where incumbents must be physically fit for bending, stooping, stretching, lifting, and carrying/moving heavy equipment and materials. May enter sewer manholes, wet well, and water meter vaults as necessary. Works in confined spaces, at depths of forty feet, or more in a wide range of weather conditions. Maintains appropriate work records including daily work log. Meets scheduling and attendance requirements.

**Mental:** Learns job-related material through on-the-job training. Applies and complies with requirements of Operator Qualification and performs tasks in conformance with operations and maintenance manuals and established department procedures. Applies general procedures for cleaning, inspecting, installing, and repairing wastewater lines to daily work assignments. Understands the density and compaction requirements of hot-mix asphalt and soils. Understands concrete consolidation and finishing techniques. Determines the proper depth of cut when operating concrete and asphalt saws. Estimates the materials needed to make repairs. Understands the methods and techniques of proper pump operation and street maintenance and repair. Reads, interprets, and works from blueprints, sketches, and circuit diagrams. Comprehends and makes inferences from work orders.

**Knowledge/Skills/Abilities:**

Knowledge of:

general procedures for installing, maintaining, and repairing underground utility services;  
flammable gases;  
the safety hazards, procedures and equipment used when working on or near underground utility lines;  
hot asphalt patching practices and procedures;  
concrete forming, placement, and finishing practices and procedures;  
seal coat application practices and procedures;  
Mesa standard details and specifications;  
the safety practices and procedures used when working near heavy traffic;  
traffic control procedures using traffic control devices;

street maintenance equipment uses, operation, and maintenance techniques;  
the operation of a variety of finishing tools, such as trowels, edgers, floats, and curb forms;  
asphalt raking and rolling to ensure level, uniform asphalt patches; and  
the tools, equipment, materials, and supplies needed for installing, maintaining, and repairing  
underground utilities.

Skills in:

the operation of a variety of hand and construction tools; and  
the safe and efficient operation of a variety of vehicles and construction equipment.

Ability to:

interact with coworkers and the general public to establish and maintain effective working relationships;  
work independently with minimal instruction and supervision;  
read route maps, plat maps and blueprints;  
perform skilled tasks and moderate to heavy manual labor under temperature extremes for extended  
periods of time; and  
establish and maintain effective working relationships with coworkers and the general public.

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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NF/js/co

CS4113E.DOCX (Energy Resources)

PAY GRADE: 45

IND-7502

CS4113T (Transportation)

PAY GRADE: 45

IND-5506

CS4113W (Water Resources)

PAY GRADE: 45

IND-7520

EEO-S/M

JOB FCTN-GEN

SWORN-N

Non-DOT Safety and Security-N

Non-DOT Random-N

CDL-Y

DOT-Y

RESP-Y (*By Assignment*)

INCREMENTS 96-200