



# JOB DESCRIPTION

## City of Peoria

*The City of Peoria team members share a commitment to provide quality service for our community.*

*We are: **Professional, Ethical, Open, Responsive, Innovative, Accountable***

### Fire Engineer

#### GENERAL PURPOSE

Operate and maintain a variety of fire apparatus and fire fighting equipment; participate in fire fighting activities, emergency medical services, fire prevention activities, and training; and, perform mechanical maintenance on vehicles, equipment, and apparatus.

#### SUPERVISION RECEIVED AND EXERCISED

Receive general supervision from a Fire Captain. Exercise technical supervision over other professional fire fighters with respect to the operation and maintenance of vehicles, equipment, and apparatus.

#### ESSENTIAL DUTIES AND RESPONSIBILITIES

The duties listed below are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related, or a logical assignment to this class.

- Drive fire pumping apparatus to alarms and operate pump at emergency incidents.
- Regulate water pressure through hose lines.
- Operate and oversee the use of numerous types of vehicles, equipment, tools, and apparatus. Inspect vehicles, equipment, and apparatus; perform maintenance and minor repair work;
- Identify the need for major repairs.
- Respond to emergency calls to protect life and property
- Fight fires, provide medical assistance, and perform rescue operations.
- Maintain and update Department maps, run reports, and equipment records.
- Maintain awareness of City geography and the water system.
- If certified as a paramedic, performs advance life support procedures as dictated by National, Regional, and department standards. Check and maintain medical equipment and related medical supplies.
- May assist with connecting and laying hose lines; enter burning areas or buildings with hose lines; assist in operating nozzles and directing a stream of water on fires;
- Carry and operate chemical fire extinguishers;
- Raise, lower, and climb ladders; make forcible entry into building when necessary.
- Assist with training personnel in the operation and maintenance of vehicles, equipment, and apparatus.
- Assist paramedics at medical emergencies; Performs EMT procedures as dictated by National, Regional, and department standards.
- Participate in fire prevention activities.
- Participate in drills and other training activities.
- Participate in station maintenance and repair work.
- If qualified, function in the position of "move-up" Fire Captain.
- Perform related duties, as assigned.

## REQUIRED QUALIFICATIONS

- Meet all required qualifications for City of Peoria Firefighter job classification;
- Three years of full time municipal fire suppression and prevention experience with the City of Peoria;
- Prior to test date, candidates must have completed approved college-level courses with a grade of "C" or better in:
  - Fire Apparatus
  - Fire Hydraulics

## REQUIRED LICENSE OR CERTIFICATE

Possession of an EMT Certificate. Possession of an appropriate, valid Fire Fighter's Certificate. Possession of, or ability to obtain, Arizona Hazardous Materials First Responder (40 hour) certificate. Possession of a valid Paramedic Certificate may be required by some positions. Possession of an appropriate, valid Arizona's Class D driver's license.

## DESIRED QUALIFICATIONS

Principles, practices, and procedures of modern fire fighting. Principles of mechanics, hydraulics, and mathematics as related to Fire Engineer duties. Purposes and uses of a variety of vehicles, equipment, tools, and apparatus used in fire fighting, rescue, and medical assistance operations. Advanced first aid, CPR, and other medical assistance techniques. Modern office methods, procedures, and computer equipment.

## PHYSICAL AND MENTAL DEMANDS

The physical and mental demands described here are representative of those that must be met by employees to perform the essential functions of this class successfully. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

### Physical Demands

While performing the duties of this class, employees are regularly required to sit; talk or hear; in person and by telephone; use hands repetitively to finger, handle, feel or operate equipment, computers and other standard office equipment; and reach with hands or arms. Employees are required to walk, kneel, stoop, climb and stand and exert in excess of 100 pounds of force occasionally, and/or in excess of 50 pounds of force frequently, and/or in excess of 20 pounds of force constantly to move objects. Specific vision abilities required by this job include close vision, use of both eyes, ability to adjust focus and to distinguish basic colors and/or shades.

### Mental Demands

While performing the duties of this class, employees regularly are required to use oral and written communication skills; read and interpret data, information and documents; analyze and solve problems; interact with the general public, vendors, public agencies, employees and others who may be encountered during the course of work.

## WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this class. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

The position is subject to hazards: Proximity to moving mechanical parts, electrical current, exposure to chemicals, etc. Position is subject to outside environmental conditions: No effective protection from weather. Position may be subject to extreme heat or cold for periods of more than one hour. Position is subject to atmospheric conditions: Fumes, odors, dusts, mists, gases, or poor ventilation. Position is required to wear respirator to complete a portion of its position accountabilities.

FLSA Status: Non-Exempt

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