

Tempe Fire Department Policies and Procedures
Fire Engineer
410.02F
Rev 9-1-05

Purpose:

To actively support and uphold the City's stated mission and values. Operate and maintain a variety of fire apparatus and fire fighting equipment; provide highly skilled emergency medical care to sick and injured persons; participate in fire fighting activities, occupancy inspections, public education and training; and perform mechanical maintenance on vehicles, equipment, and apparatus.

Supervision Received and Exercised:

Receives general supervision from a Fire Captain or a higher level supervisory and management staff.
Exercises technical supervision over lower level fire staff.

Examples of Duties:

This class specification is intended to indicate the basic nature of positions allocated to the class and examples of typical duties that may be assigned. It does not imply that all positions within the class perform all of the duties listed, nor does it necessarily list all possible duties that may be assigned.

Duties may include, but are not limited to, the following:

- Drive fire-pumping and aerial ladder apparatus to alarms and operate pump and ladders at the fire; 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 including aerial ladder and pumping equipment; perform maintenance and minor repair work; identify the need for major repairs; maintain records of maintenance and overhauls.
- Perform the duties of a Firefighter when not operating an apparatus.
- Maintain an awareness of City layout and the water system.
- Perform first aid at the Emergency Medical Technician level.
- Participate in inspections, drills and other training activities.
- Participate in station maintenance work.
- Operate radio equipment.
- Act as a Captain as assigned.
- Perform related duties as assigned.

When assigned as scene support:

- Provide air, light and rescue support at emergency incidents.
- Manage drivers training program for assigned shift.
- Participate in the development and direction of training commonly associated with the engineer's position; provide assistance and support for additional training functions.

When assigned to Paramedic position:

- Administer emergency medical care utilizing accepted guidelines and procedures of advanced life support.
- Use appropriate techniques, equipment and training to provide intubation, defibrillation, drug therapy, intravenous access and other invasive procedures in the management of patient care.

When assigned to SCBA maintenance and repair:

- Inspect, repair, operate and maintain self-contained breathing apparatus (SCBA).

Experience and Training Guidelines:

Any combination of experience and training that would likely provide the required knowledge and abilities is qualifying. The hiring department may include job related experience, training or license and certification preferences at the time of recruitment. A typical way to obtain the knowledge and abilities would be:

Experience:

Three years experience providing emergency fire and medical service for the City of Tempe.

Training:

Equivalent to completion of the twelfth grade and successful completion of Fire Hydraulics (FSC107) and Fire Apparatus (FSC201) courses at an accredited college or university. An AAS in Fire Science Technology satisfies these course requirements.

Licenses/Certifications:

Possession of, or ability to obtain, an appropriate, valid Arizona driver's license.

Possession of, or ability to obtain, an Emergency Medical Technician Certificate.

Possession of, or ability to obtain, a Hazardous Materials Responder or Hazardous Materials Technician Certificate.

Possession of, or ability to obtain, a certified Emergency Paramedic Certificate is required for some positions.