



City of Tempe

FIRE ENGINEER

JOB CLASSIFICATION INFORMATION			
<i>Job Code:</i>	057	<i>Department:</i>	Fire
<i>Supervision Level:</i>	Non-Supervisor	<i>State Retirement Group:</i>	PSPRS
<i>Status:</i>	Classified	<i>Market Group:</i>	Fire Engineer
<i>Safety Sensitive / Drug Screen:</i>	Yes	<i>Physical:</i>	Yes
Click here for more job classification information including current salary range.			

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

MINIMUM QUALIFICATIONS	
<i>Experience:</i>	Three (3) years of experience providing emergency fire and medical service for the City of Tempe.
<i>Education:</i>	<ul style="list-style-type: none"> High school diploma, GED, or equivalency. Completion of Fire Hydraulics and Fire Apparatus courses at an accredited college or university. An AAS in Fire Science Technology satisfies these course requirements.
<i>License / Certification:</i>	<ul style="list-style-type: none"> Possession of a valid driver’s license. Possession of, or required to obtain, an Emergency Medical Technician (EMT) Certificate. Possession of, or required to obtain, a Hazardous Materials Responder or Hazardous Materials Technician Certificate. Possession of, or required to obtain, a certified Emergency Paramedic Certificate is required for some positions.
<i>Additional</i>	Must not be on the Office of Inspector General (OIG) list of Excluded Individuals/Entities (LEIE).

ESSENTIAL JOB FUNCTIONS
Essential job functions are the fundamental duties of a position: the things a person holding the job absolutely must be able to do.

To actively support and uphold the City’s stated mission and values. Operate and maintain a variety of fire apparatus and firefighting equipment; provide highly skilled emergency medical care to sick and

injured persons; participate in firefighting activities, occupancy inspections, public education and training; and perform mechanical maintenance on vehicles, equipment, and apparatus.

OTHER DUTIES AS ASSIGNED

Please note this job description is not designed to cover or contain a comprehensive listing of all activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.

- 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 EMT 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).

COMPETENCIES

<i>CLASSIFICATION LEVEL</i>	<i>INCLUDES</i>	<i>COMPETENCIES</i>
Foundational	All Employees	Inclusion, Communication, Interpersonal Skills, Integrity, Professionalism, and Willingness to Learn
Non-Supervisory	In Addition >	Teamwork, Customer Service, Initiative, and Dependability / Reliability
Supervisory	In Addition >	Staffing, Monitoring Work, Delegating, Development / Mentoring, and Support Others
Manager	In Addition >	Preparing / Evaluating Budgets, Monitoring / Controlling Resources, and Motivating / Inspiring
Deputy Director	In Addition >	Entrepreneurship and Networking
Director	In Addition >	Organizational Vision
<p><i>For more information about the City of Tempe's competencies for all classifications:</i> City of Tempe, AZ : Competencies</p>		

JOB DESCRIPTION HISTORY
<p><i>Effective Date November 1988</i> <i>Revised January 1997</i> <i>Revised September 2005</i> <i>Revise May 2024 (add'l requirements "Must not be on the Office of Inspector General (OIG) list of Excluded Individuals/Entities (LEIE)")</i></p>

PHYSICAL DEMANDS AND WORK ENVIRONMENT

Job Title: Fire Engineer/Fire Engineer Medic

Job Code: 057/500/646/647

	Never	Occas.	Freq.	Contin.
ENDURANCE / ENVIRONMENT / MOVEMENT	0% of time	1-35% of time	36-65% of time	66-100% of time
Sit			x	
Stationary / Stand			x	
Move / Traverse			x	
Machinery*			x	
Electrical*		x		
Power Tools*			x	
Hand Tools*			x	
Personal Protective Equipment*			x	
Respirator*			x	
Airborne Chemical Exposure			x	
Airborne Biological Exposure			x	
Computer Software			x	
Physically handling of chemicals		x		
Indoors			x	
Outdoors			x	
Around, in or on water			x	
Extreme Heat			x	
Extreme Cold			x	
Office Setting		x		
Confined Spaces		x		
Excessive Noise**			x	
Heights		x		
Sewage Exposure		x		
Bodily Fluid or bloodborne pathogen exposure			x	
Bend / Stoop / Twist			x	
Crouch / Squat		x		
Kneel / Crawl		x		
Above Shoulder Level		x		
Below Shoulder Level		x		
Repetitive Arm Use		x		
Repetitive Wrist Use		x		
Repetitive Hand Use		x		
Climb Stairs / Ladders			x	
Neck Range of Motion		x		
Traverse Uneven Surface			x	
Traverse Even Surface			x	

VEHICLE OPERATION	YES	NO
Will this position drive a City vehicle?	x	
Will this vehicle require a Commercial Drivers License?		x

VISION REQUIREMENTS	YES	NO
Close (clear vision at 20 inches or less)	x	
Distance (clear vision at 20 feet or more)	x	
Color (ability to identify and distinguish colors)	x	
Depth Perception (three-dimensional vision, ability to judge distances and	x	
Peripheral (ability to observe an area that can be seen up and down or to the	x	
Ability to adjust focus (ability to adjust the eye to bring an object into sharp focus)	x	

Maximum LIFT / CARRY	Lift	Carry	Maximum PUSH / PULL	Push	Pull
5-25lbs			5-25lbs		
26-50lbs			26-50lbs	x	
51-75lbs			51-75lbs		
76-100lbs	x	x	76-100lbs		x

ADDITIONAL CONSIDERATIONS:
<ul style="list-style-type: none"> - May require working extended hours. - May work alone for extended periods of time. - All physical activities need to be accomplished while wearing approx. 60lbs of gear. - Mental attributes essential to this classification.

*DEFINITIONS/EXAMPLES
Machinery: bucket truck, riding mowers, backhoe etc.
Electrical: wiring, outlets, fuses etc.
Power Tools: push mowers, jackhammers, drills, chainsaw etc.
Hand Tools: hammers, wrenches, shovels, wheel barrels, saws etc.
Personal Protective Equipment: Tyvek coveralls, hard hats, fall protection harness etc.
Excessive Noise exists when you raise your voice to communicate with someone who is 3 ft away.
Respirators: 1/2 face or full-face cartridge.
Hepatitis A and Hepatitis B vaccinations are offered to employees in the OSHA bloodborne pathogens

***Hearing test is required*