

JOB DESCRIPTION

<p>City of Patterson</p>  <p>Human Resources</p>	<p>FIRE ENGINEER</p>
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JOB SUMMARY

Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are not intended to reflect all duties performed within the job.

This is a journey level Engineer classification performing a full range of technical, firefighting, and emergency medical services work. An individual in this classification must exhibit composure and good situational awareness on emergency scenes in order to effectively respond to, support, and communicate with crews while serving as either primary operator of apparatus and/or equipment or secondary on-scene support. An individual in this classification must also have the ability to work effectively as part of a unit during emergencies; represent the Department professionally at public service/education events; interact cooperatively with other City and allied agency personnel.

SUPERVISION RECEIVED AND EXERCISED

Under the supervision of the Fire Captain, performs all the duties of a Firefighter and is responsible for the safe and efficient operation and maintenance of fire vehicles, apparatus and equipment; performs other duties as required.

ESSENTIAL DUTIES

The following duties are typical for this classification. Incumbents may perform all of the listed duties and/or be required to perform additional or different duties from those set forth below to address business needs and changing business practices.

Examples of duties:

- Performs all of the duties of a Firefighter/EMT and participates in all phases of fire company operations as assigned;
- Responds to fire, medical, public assistance, and other emergency and non-emergency incidents;
- Determines and safely drives the fastest route to the emergency scene, observing established laws, policy and procedure, and response codes;
- Operates, drives, and spots vehicles and apparatus in a safe, proficient, and professional manner;

Operates pumps, aerial devices, and other equipment specific to fire/EMS apparatus in an appropriate, safe manner;

Participates in After Action Reviews for the benefit of the affected company members and the entire organization;

Regularly performs apparatus and equipment checks, pre-trip inspections, post-incident inspections, and monthly detailed checks in accordance with Department policies and procedures, DMV regulations, and manufacturer specifications ensuring response readiness;

Performs minor preventative maintenance and vehicle inventory in accordance with Department policies and procedures, including maintenance of accurate, up-to-date records and logs and the writing of reports;

Informs appropriate personnel of apparatus/equipment status and/or maintenance issues;

Performs pre-plan inspections;

Assists with the training of City/District personnel in the operation and maintenance of vehicles, apparatus, and equipment;

Participates in training exercises as required;

Performs community service and public education activities as necessary;

Acts as a courteous and professional Department liaison to the public when answering questions, performing demonstrations, or hosting station visits;

May assume the responsibilities of a Fire Captain when required.

MINIMUM QUALIFICATIONS

In general, the Fire Engineer will need the following skills, knowledge, and attributes to be successful in fulfilling the responsibilities of the position:

Knowledge of:

Vehicle code regulations, Department policies, procedures, and standards relating to vehicles, apparatus, and equipment;

Principles, practices, and techniques of firefighting and emergency operations, including structural and wildland firefighting, rescue, hazardous materials, and emergency medical care; communications and other equipment;

Department fire apparatus and equipment design, operation, maintenance, and safety factors;

Effective operation of apparatus and/or equipment at an incident, and understanding of cause and effect regarding said operation;

The effective operation and maintenance of vehicles, apparatus, and equipment;

Procedures for repairing equipment and/or apparatus, or for placing equipment and/or apparatus out of service;

Local area geography, including streets, hydrants, terrain, high life-hazard occupancies, and target hazards;

Appropriate usage of EMS/Firefighting equipment for various emergency and non-emergency situations;

Firefighting standard operating procedures;

National Incident Management Systems (NIMS/ICS);

Department, local EMS, and County protocols and guidelines regarding patient treatment;

Engineer, Firefighter, and EMT responsibilities and duties in accordance with Department operations, standards and policies and procedures;

Fire Captain responsibilities and duties in accordance with Department operations, standards, policies, and procedures ;

General computer systems and software applications.

Ability to:

Safely operate assigned vehicles, apparatus, equipment in an efficient and effective manner as dictated by the incident/situation;

Effectively size up an incident, respond quickly and effectively, and make necessary adjustments as incidents progress;

Communicate effectively with Captain and crew while driving to, and at incident scenes;

Perform minor preventative maintenance to keep equipment operational;

Assist in the selection of the fastest route to drive to the emergency scene;

Maintain composure during emergencies and/or stressful situations, responding calmly, quickly, safely, and effectively;

Work effectively as part of cohesive unit during emergencies;

Act as team player with excellent interpersonal skills, effectively interacting with members of the public, City/District staff, and allied agencies in both emergency and non-emergency situations;

Perform all Firefighter and EMT duties;

Maintain accurate, up-to-date logs and records on vehicle, apparatus, and equipment maintenance;

Write clear, concise, complete reports;

Assist in training others in the requirements of the position;

Perform duties and responsibilities of a Fire Captain when assigned.

EXPERIENCE AND CERTIFICATION(S)

Experience:

Minimum two years as a career firefighter.

Education:

Possession of a high school diploma, G.E.D. equivalency or a high school proficiency certificate.

Certification:

EMT-1; CPR; California State Board of Fire Services Firefighter I; California State Board of Fire Services Driver/Operator 1A & 1B Certification.

License or Certificate:

Possession of a valid California driver's license in compliance with California Department of Motor Vehicles regulations and requirements related to the driving and operating of fire apparatus. Maintenance of a valid California driver's license with the appropriate endorsements, qualifications, and medical clearances is required as a condition of employment for the position of Fire Engineer.

NECESSARY SPECIAL REQUIREMENTS

Must be 21 years of age or older.

Must be a non-smoker.

Must successfully pass a pre-employment medical examination, including a drug screen, fingerprint, background check, and reference check.

Must be able to provide proof of U.S. citizenship or legal right to work in the United States.

PHYSICAL REQUIREMENTS

Environmental Conditions:

While performing the duties of this job the employee occasionally works outdoors. This may include occasional exposure to wet, humid, hot, and inclement weather conditions. The employee may work near moving mechanical parts, under hazardous, life-threatening conditions, such as, but not limited to, heights, confined spaces, temperature extremes, crowds, loud noises, limited visibility, in the presence of hazardous

materials, in the presence of victims of death and/or dismemberment. The employee must work effectively as a team member and/or leader of a fire company, communicate professionally with peers and superiors, one-on-one and in groups.

Physical Conditions:

While performing the duties of this job, the employee is frequently required to use hands to finger, handle or feel objects, tools or controls. The employee is occasionally required to stand, walk, sit or reach with hands and arms, climb or balance, stoop, kneel, crouch, crawl, jog or run.

The employee must occasionally lift and/or move up to 75 pounds without assistance and up to 300 pounds with assistance.

Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus.

The employee must have the ability to: drive vehicles, operate a personal computer, read small print on documents and maps, detect subtle shades of color, hear and speak well enough to communicate over the telephone, radio and in person at distances up to 50 feet over noise of equipment; must be physically fit enough to carry fire equipment as needed, walk over rough terrain, climb hills, open and close heavy gates, load and unload vehicles, and work outdoors for long periods of time in all types of weather conditions; safely wear and work in a self-contained breathing apparatus (SCBA) without medical or physical restrictions; stamina to meet physical and mental demands during an extended emergency.

Working Conditions

Must be willing and have the ability to work such hours as are necessary to accomplish the job requirements, remain awake for long periods of time (including 24 hour periods) under strenuous situations, remain on-call 24 hours a day, attend classes, meetings, seminars, and conferences during or after work hours, travel out of town or out of state for several days at a time, work under adverse conditions such as those inherent in emergency firefighting situations, consistently follow through with duties/assignments and work harmoniously with subordinates and superiors, wear approved uniform; consistently and properly wear all appropriate PPE; report for work on a regular, consistent basis and maintain an acceptable attendance record in accordance with City policy.

Revised: 4/21/17 DS