

CITY OF HUNTINGTON BEACH
CLASS SPECIFICATION



TITLE: FIRE ENGINEER

PERSONNEL COMMISSION APPROVAL: COUNCIL APPROVAL:	JANUARY 15, 2025 (REVISED) NOVEMBER, 1996
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JOB CODE: EMPLOYMENT STATUS: UNIT REPRESENTATION: FLSA STATUS: EEOC CODE	0160 REGULAR FULL-TIME HBFA NON-EXEMPT PROFESSIONALS
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JOB SUMMARY

The fundamental reason this classification exists is to drive, operate and maintain fire apparatus during emergency and routine situations.

SUPERVISION RECEIVED

Reports to: Fire Captain

EXAMPLES OF ESSENTIAL DUTIES

- Drives the fire apparatus to the scene of a fire
- Operates and controls fire pumps, aerial platforms and other fire equipment or specialized tools
- Tests and maintains fire protection apparatus, equipment and systems
- Makes minor repairs and adjustments to pumpers and assists in their mechanical repair
- Performs duties as a firefighter or as a fire inspector
- Cleans fire apparatus and equipment and assists in keeping the fire station in a clean and orderly condition
- Maintains fire apparatus and fire equipment records
- Participates in and conducts formalized fire protection training
- Becomes familiar with City streets and water system
- May relieve as Fire Captain
- Performs other related duties.

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The preceding duties have been provided as examples of the essential types of work performed by positions within this job classification. The City, at its discretion, may add, modify, change or rescind work assignments as needed.

MINIMUM QUALIFICATIONS

Any combination of education, training, and experience that would likely provide the knowledge, skills, and abilities to successfully perform in the position is qualifying. A typical combination includes:

Note: All required coursework, certifications, time employed, and other requirements must be completed by the time of appointment

Knowledge of:

- Modern fire pumping apparatus, aerial platforms and equipment and their use
- Principles of hydraulics as applied to fire fighting activities
- Location of hydrants and streets in an assigned district
- Automotive mechanics

Ability to:

- Compute engine pressure, friction loss, nozzle pressures and supply adequate water supplies to the scene of a fire quickly
- Position fire equipment and apparatus in proper relationship to emergency situations

Experience: At least three (3) years of employment as a full-time paid Firefighter or higher rank with the Huntington Beach Fire Department. One (1) year of full-time experience as a professional Firefighter, Firefighter Paramedic, or Fire Engineer from another municipal, state, or federal agency may be applied to the three-year requirement.

Education:

High School Diploma or G.E.D equivalent, and completion of California State Fire Marshal (CSFM) courses for Fire Apparatus Driver/Operator 1A and 1B **and either:**

1. Successful completion of CSFM classes in I-220 (ICS-200), or NIMS IS-200 and Command 1A and 1B or Company Officer 2D: All Risk Command Operations **or**
2. CA State Board of Fire Services (SBFS) Fire Officer Certification **or**
3. Completion of all required courses necessary for CA State Fire Training (SFT) Company Officer Certification

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License/Certifications:

- Class C California driver license with a firefighter endorsement
- Current HBFD Fire Apparatus Operator certification
- Valid California Emergency Medical Technician (EMT) certification or Valid CA EMT-P (Paramedic) License

SPECIAL CONDITIONS

Employees who may drive a City or personal vehicle in the course and scope of work shall be required to participate in the DMV Employer Pull Notice Program.

Public Employee Disaster Service Worker: In accordance with Government Code Section 3100, all Huntington Beach city employees are required to perform assigned disaster service worker duties in the event of an emergency or a disaster.

PHYSICAL TASKS AND ENVIRONMENTAL CONDITIONS

The incumbent must be able to meet the physical requirements of the class and have mobility, balance, coordination, vision, hearing and dexterity levels appropriate to the duties to be performed.

Perform strenuous physical labor for extended periods of time requiring physical strength, dexterity and endurance, which includes: standing, walking, running, sitting, grasping, bending, stooping, kneeling, climbing, twisting, turning, balancing, pulling, and lifting and carrying, on a regular basis. Hear and speak to the general public and co-workers and read and understand technical materials related to firefighting, prevention, and departmental regulations. Exposure to extreme heat, smoke, dust, fumes, and inclement weather, noises such as, but not limited to, sirens, alarms, diesel engines, pumps, power saws and hydraulic tools and hazardous materials and infectious or communicable diseases.

Reasonable accommodation(s) for an individual with a qualified disability will be considered on a case-by-case basis.

Revised 12/2017 JD

Revised 10/2024 MA