

**CLASS SPECIFICATION**  
**SAN DIEGO CITY CIVIL SERVICE COMMISSION**  
**SENIOR ENGINEER-FIRE PROTECTION - 1457**

**DEFINITION:**

Under direction, to act as the department's expert on fire protection systems; to perform difficult and complex plan review of development projects; to review and develop recommendations on proposed fire protection code equivalencies; and to perform related work.

**\* EXAMPLES OF DUTIES:**

- Reviews plans and specifications related to complex development projects such as high-rise buildings, large industrial complexes, and large public assembly facilities to ensure conformance with life safety requirements of the California Building Code, the California Fire Code, local and state fire codes and ordinances, and applicable National Fire Protection Association standards;
- Reviews and evaluates requests for alternate materials and methods of construction;
- Recommends changes in design, materials, or equipment such as structural component protection, fire protection equipment, life safety equipment, and alarm systems;
- Advises field inspectors of difficult fire and life safety problems; reviews codes, ordinances, and fire protection standards from other jurisdictions for possible local application;
- Recommends and develops new or revised fire protection codes, ordinances, and related fire protection standards;
- Provides technical enforcement advise to building contractors, architects, and other officials;
- Inspects fire protection systems and researches fire record data, and develops information on fire performance of building and safety of occupants in a fire;
- Coordinates between the Fire-Rescue, Development Services, Economic Development, Engineering and Capital Projects, and Public Utilities departments on fire protection issues;
- Develops and presents recommendations to the Board of Appeals on fire protection code equivalencies for specific building projects;
- Authors and edits policies, procedures, and information bulletins, and prepares responses to technical reports on codes and standards and related topics of life safety;
- May supervise subordinate professional and technical staff.

**MINIMUM QUALIFICATIONS:**

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for

- \* EXAMPLES OF DUTIES performed by employees in this class. The class may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.**

recruitment. Please refer to the most recent Job Description for updated minimum qualifications: <https://www.governmentjobs.com/careers/sandiego/classspecs>.

A Bachelor's Degree in Fire Protection Engineering, Fire Protection and Safety Engineering Technology, or closely related field, **OR** Engineer-in-Training (EIT) Certificate issued from a state licensing board, **OR** registration as a professional Fire Protection Engineer with the State of California; **AND** four years of full-time professional-level experience in fire protection engineering. Possession of a valid California Class C Driver's License.