

CLASS SPECIFICATION

SAN DIEGO CITY CIVIL SERVICE COMMISSION

ASSOCIATE ENGINEER - FIRE PROTECTION - 1204

DEFINITION:

Under direction, to perform the more difficult and complex fire protection plan reviews of development projects; to perform the most complex engineering work in fire prevention and safety; to plan and lead the work of professional staff engaged in fire protection plan reviews and engineering work in fire prevention and safety; and to perform related work.

*** EXAMPLES OF DUTIES:**

- Reviews building and construction plans and specifications related to complex development projects such as multi-family residential, commercial, and industrial buildings to ensure compliance with local and state fire, building, and residential codes and ordinances and applicable National Fire Protection Association standards;
- Reviews projects for compliance with hazardous materials requirements;
- Reviews and recommends changes to codes, ordinances, and related fire protection standards;
- Recommends changes in design, materials, or equipment such as structural component protection, fire protection equipment, life safety equipment, and alarm systems;
- Advises building inspectors, contractors, architects, and other officials on fire and life safety problems;
- Reviews codes, ordinances, and fire protection standards from other jurisdictions for possible local application;
- Performs research studies concerning fire prevention activities;
- Prepares responses to technical reports on codes and standards and related topics of fire and life safety;
- Coordinates with other City departments on fire protection issues;
- Assists with developing recommendations to the Board of Appeals on fire protection code equivalencies for specific building projects;
- Conducts project site visits and inspections of fire alarm systems, fire sprinklers, hazardous materials, smoke control, kitchen hood systems, and special suppression systems;
- May lead the work of 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 recruitment. Please refer to the most recent Job Announcement for updated minimum qualifications.

- * **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.

A Bachelor's degree in Fire Protection Engineering, Fire Protection and Safety Engineering Technology, or a closely related engineering 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** three years of full-time professional experience in fire protection engineering. Possession of a valid California Class C Driver License.