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.