

SENIOR ELECTRICAL SYSTEMS SPECIALIST

DEFINITION

Under direction, performs specialized duties involving plan examining and inspection to determine compliance with electrical regulations and State laws.

ESSENTIAL FUNCTIONS INCLUDE BUT ARE NOT LIMITED TO

Examines the electrical and life-safety plans for existing and proposed residential, commercial or industrial buildings, large multi-residential buildings and related structures, in which electrical work is installed or modified to determine compliance with electrical regulations and State laws; makes judgments as to the acceptability of the plans; provides professional advice and technical assistance to architects, engineers, contractors, builders, homeowners, city staff and the general public as to the application and interpretation of various electrical regulations. Performs field inspections; prepares reports, public handouts and necessary correspondence on projects as required; performs other related duties as required.

DISTINGUISHING FEATURES OF THE CLASS

This is a single position classification that performs responsible technical work requiring the exercise of sound judgment in the examination and inspection of electrical and life-safety plans for residential, commercial, industrial, large multi-residential buildings and related structures for compliance with pertinent legal requirements and in approving or disapproving such plans.

RECOMMENDED MINIMUM REQUIREMENTS

Three years of experience in checking electrical plans supplemented by college-level courses in civil engineering, electrical engineering, architecture or related subjects or any equivalent combination of training or experience which provides the following knowledge, skills and abilities.

Knowledge of: general building construction methods, practices, techniques and materials; principles of electrical engineering; Uniform Building Code, Uniform Housing Code, Uniform Plumbing Code, Uniform Mechanical Code, National Electrical Code, National Fire Protection Association Codes, Life-Safety Code, Uniform Fire Code and current State and Federal regulations; modern office practices, procedures and equipment.

Ability to: analyze and interpret complex electrical plans and specifications; analyze electrical computations; establish and maintain effective working relationships with architects, contractors, builders and owners, the general public and other City employees; and organized and present ideas effectively in written or oral form.

SPECIAL REQUIREMENT: Possession and retention of ICBO/ICC certification as an Electrical Inspector is a condition of employment.

DESIRABLE CHARACTERISTICS

The successful performer is detail oriented, thorough and conscientious in performance of duties. This individual takes pride in accomplishing tasks in a timely manner, enjoys being of assistance to others, is a dependable employee, and is consistent in interpretation of the rules and regulations.

Class title established per Council Resolution No. 91-103,
effective 12-1-91

Class Specification Revised and Approved: 5/94
Reviewed: 03/04
ADA Approved: 03/04