

CLASS SPECIFICATION

SAN DIEGO CITY CIVIL SERVICE COMMISSION

SENIOR COMMUNICATIONS ENGINEER – 1346

DEFINITION:

Under direction, to plan, direct, and supervise the installation and maintenance of electronic communication systems; to administer the operation of a Communications Center; to perform professional communications engineering research and studies; and to perform related work.

*** EXAMPLES OF DUTIES:**

- Plans, coordinates, and gives general direction to electronic maintenance activity; tests equipment;
- Reviews specifications, cable TV reports, studies, and cost estimates prepared by engineering section;
- Acts as consultant on electronic and wireless communication problems;
- Performs engineering studies for transmitter and receiver sites;
- Conducts research for planning of communication systems;
- Performs on-site inspections;
- Writes and reviews equipment and system specifications;
- Establishes technical operation and maintenance standards;
- Assists in preparation and administration of divisional budget and evaluates contract bids;
- Ensures that City radio stations are maintained in accordance with federal rules and regulations;
- Selects, trains, and rates the work performance of subordinates;
- Directs and evaluates the work of technical consultants;
- Makes reports and presentations to management and City Council;
- Acts for Deputy Director in the Deputy Director's absence.

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 Description for updated minimum qualifications: <https://www.governmentjobs.com/careers/sandiego/classspecs>.

College graduation with a Bachelor's Degree in Electronics, Electrical Engineering, Computer Engineering, or Communications/Network Engineering, **OR** certification as an Engineer-in-Training (EIT), **OR** registration as a professional Electrical, Electronics, or Communications Engineer with a state licensing board; **AND** four years of full-time

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

professional Telecommunications engineering experience with multiple site/multiple frequency radio communication systems and/or large, multiple site TCP/IP networks.