



**CITY OF LONG BEACH  
CLASSIFICATION SPECIFICATION**

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**TITLE: ASSISTANT TRAFFIC SIGNAL TECHNICIAN I - II**

**DEFINITION:** Under immediate supervision, performs routine traffic signal control duties.

**REPORTS TO:** Traffic Signal Technician II

**DISTINGUISHING CHARACTERISTICS:**

Grade Level I - Performs entry-level duties of the classification.

Grade Level II - Performs the more complex duties of the classification under general supervision.

**EXAMPLES OF DUTIES:**

- Assists in adapting, assembling, installing, repairing, wiring, modifying, and updating traffic signals, microwave, and cable telemetering systems;
- Assists in synchronizing traffic signal systems;
- Replaces lamps;
- Strings and pulls wires and cables;
- Uses precision equipment;
- Performs routine inspections of signal equipment;
- Cleans shop and equipment and performs light maintenance on tools;
- Repairs AC outlets, switches, controls, small motors and battery chargers;
- Installs traffic signal poles, pedestrian and vehicle indicators, and other required equipment;
- Installs and repairs traffic signal conduit, traffic signal safety lighting, and illuminated street name signs;
- Operates forklift and other warehouse equipment as needed;
- Responds to emergency calls;
- Observes safety rules and regulations;
- Reconstructs and refurbishes traffic signal equipment;
- Performs heavy manual labor;
- May operate environmental chamber to test equipment to State and NEMA specifications;
- May test and calibrate traffic control equipment to State and NEMA specifications;
- May assist in designing and fabricating special electronic apparatus and systems;
- Performs other related duties as required.

**MINIMUM REQUIREMENTS:**

- Recent experience in the general repair and maintenance of solid-state traffic equipment and systems;

**ASSISTANT TRAFFIC SIGNAL TECHNICIAN I – II (continued)**

- Proof of satisfactory completion of basic electricity and electronics courses may be substituted for some of the required experience;
- Ability to perform heavy manual labor;
- Willingness to work in an aerial lift at heights of up to 45 feet.
- Willingness to work overtime, weekends and holidays;
- Willingness to take Level I International Municipal Signal Association certification examination;
- A valid California Class C motor vehicle operator's license;
- A valid California Class B motor vehicle operator's license within six months of appointment and must comply with the Anti-Drug and Alcohol Misuse Prevention Program for Commercial Vehicle Operators as required by the Department of Transportation regulations.

**HIGHLY DESIRABLE:**

- A Level I International Municipal Signal Association Certificate.

**HISTORY:**

- Revised: 08/03/88, 04/19/06
- Established as Assistant Traffic Signal Electrician: 06/21/78,
- Title changed and graded as Assistant Traffic Signal Technician I and II: 07/01/88
- Approval/Adoption Dates: 05/02/01, 04/19/06