

**CITY OF GLENDALE**

<b>TITLE:</b>	<b>Traffic Signal Technician III</b>	<b>CLASS CODE:</b>	<b>847</b>
<b>REPORTS TO:</b>	<b>Traffic Signal Supervisor</b>	<b>GRADE:</b>	<b>23</b>
<b>DEPARTMENT:</b>	<b>Traffic Engineering</b>	<b>FLSA:</b>	<b>N</b>
<b>JOB SPECIFICATION DATE: July 1, 2005 bwg</b>			

**JOB SUMMARY:**

Performs skilled and semi-skilled work in the installation, maintenance and repair of traffic signal equipment, the testing of signal cabinets and the locating of signal lines. This is the third of three Traffic Signal Technical levels functioning as a crew leader over Traffic Signal Technicians II and I.

**ESSENTIAL FUNCTIONS:**

1. Serves as the crew leader in the construction of new signalized intersections including installation of underground conduit and pull boxes, the preparation and installation of poles, mast arms and luminaries; the wiring of cabinets, signals heads, pedestrian signals heads, and terminal boxes.
2. Assigns, directs, and monitors the daily work activities of Traffic Signal Technicians II and I.
3. Performs concrete work in signal installation and repair such as pole foundations, cabinet bases and capping pole bases.
4. Repairs or replaces traffic signal equipment in the field on an emergency basis including storm and accident damage, faulty equipment, burned out lamps and other electrical or equipment problems.
5. Performs scheduled preventive maintenance checks (Class C) at signalized intersections including cleaning of signal heads and lenses; checking heads, frame works, poles and mast arms for wear and alignment; anchor bolts and mast arm bolts for proper tightness; push button stations for proper operation and for proper intersection operation.
6. Performs scheduled preventive maintenance checks (Class D) at signalized intersections including removing deteriorating paint, patching holes and applying new paint.
7. Modernizes or revamps existing intersections by installing new equipment while existing signals are still in operation.
8. Operates construction and maintenance equipment such as dump trucks, platform trucks, bucket trucks, concrete saws, underground piercing drills and electrical test meters.
9. Contacts other City departments, utility companies, and other outside contractors to coordinate work and post work repairs.

**SECONDARY FUNCTIONS:**

10. Insures that proper barricading and traffic control devices remain in place during construction or maintenance operations.
11. Hangs overhead signs, banners and lights for other departments.
12. Performs other related duties as required.

## **KNOWLEDGE, SKILLS AND ABILITIES:**

### **Knowledge of:**

The methods, materials and equipment used in the installation, maintenance and repair of traffic signal equipment.

Electricity and electrical systems common to traffic control devices.

The hazards and necessary safety precautions involved in working with electricity.

### **Skill in:**

The operation of various types of construction and maintenance equipment.

Performing electrical wiring and traffic signal maintenance.

### **Ability to:**

Assign, direct, and monitor the work of others.

Understand and follow oral and written instructions and to work from plans and drawings.

Carry out an effective preventive maintenance program.

Establish and maintain effective working relationships with other City departments, outside contractors and the public.

## **WORKING CONDITIONS:**

Requires frequent heavy lifting and pulling of cable, working from heights, working near high voltage, working in traffic areas. Risks can be substantially reduced by safety precautions.

## **MINIMUM QUALIFICATIONS:**

High school education supplemented by college level course work in electronics or construction, and 3 years of work experience in the maintenance, installation and repair of traffic signal equipment.

Any equivalent combination of training and experience, which provides the required knowledge, skills and abilities, is qualifying.

## **SPECIAL REQUIREMENTS:**

Requires night and weekend standby duty.

Requires IMSA Levels I and II.

Applicants will be required to undergo drug testing prior to employment and will be subject to further drug and alcohol testing throughout their period of employment in accordance with the City of Glendale Substance Abuse policy.