

**CITY OF GLENDALE**

**TITLE:** Traffic Signal Technician I      **CLASS CODE:** 843  
**REPORTS TO:** Traffic Signal Technician 3      **GRADE:** 19  
**DEPARTMENT:** Traffic Engineering      **FLSA:** N  
**JOB SPECIFICATION DATE:** July 1,2005 bwg

**JOB SUMMARY:**

Performs semi-skilled work of routine to moderate difficulty in the installation, maintenance and repair of traffic signal equipment, primarily in field locations. This is the first of three Traffic Signal Technician levels.

**ESSENTIAL FUNCTIONS:**

1. Assists in the construction of new signalized intersections including the installation of underground conduit and pull boxes, preparation and installation of poles and mast arms, luminaries, pole foundations and cabinet bases.
2. Assists in the performance of scheduled preventive maintenance checks (Class C) at signalized intersections including cleaning signal heads and lenses and checking heads, poles and mast arms for proper alignment.
3. Assists in the performance of scheduled preventive maintenance checks (Class D) at signalized intersections including the removal of deteriorating paint, patching holes, and applying new paint.
4. Replaces burned out lamps and performs other minor repairs on traffic signal equipment.
5. Assists in modernizing or revamping existing intersections while existing signals are still in operation.
6. Operates construction and maintenance equipment such as dump trucks, platform trucks, bucket trucks, concrete saws and drills.

**SECONDARY FUNCTIONS:**

7. Places barricading and traffic control devices to insure a safe work environment.
8. Performs other related duties as required.

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

### **Knowledge of:**

The tools, equipment and general practices of construction.

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

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

### **Skill in:**

The operation of various types of construction and maintenance equipment.

### **Ability to:**

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

Perform preventive maintenance program procedures. .

Establish and maintain effective working relationships with supervisors, fellow employees and the general public.

## **WORKING CONDITIONS:**

Requires frequent heavy lifting, pulling heavy cable, cable-working from heights, working near high voltage, and working in traffic areas.

## **MINIMUM QUALIFICATIONS:**

High school education supplemented by college courses in electricity or construction, and one year of experience in the installation, maintenance and repair of traffic signals or similar electrical equipment.

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

## **SPECIAL REQUIREMENTS:**

Valid Arizona Commercial Driver's License (CDL) or the ability to obtain a CDL within ninety (90) days from date of hire.

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.