

# CLASSIFICATION ADDENDUM

## **Job Title:** Traffic Signal Electrician

Classification Specification: Technical Specialist

Barg Unit: AFS

Pay Grade: B24

*This classification **addendum** further clarifies job specific duties and requirements of a job within a particular classification. Note: The classification specification document is to be referenced and this document utilized as the addendum (supplement). It is intended to provide additional information, where needed, and is not intended to provide an exhaustive list of duties and responsibilities; specific position assignments will vary depending on business needs.*

### **Essential Characteristics and Duties Addendum**

The Traffic Signal Electrician performs and provides lead direction for the installation, maintenance, and repair of traffic signal systems, and other related electrical systems. Implements work plans, and assigns and inspects the technical work of unit staff to ensure compliance with electrical codes, City specifications and standards, and State safety laws; completes the more complex, and State-regulated, electrical maintenance and repair projects assigned to the traffic signal maintenance unit; participates in the inspections of new traffic signal installations and repairs for compliance with construction plans, specifications, and electrical codes; monitors all contracted projects that fall within the responsibility of the position; responds to emergency signal malfunctions, and customer service requests and inquiries regarding traffic signals, identifies and diagnoses maintenance and repair needs and recommends corrective action to the supervisor; submits requirements and specifications for equipment and supplies; participates in the training and orientation of new employees, to include electrical apprenticeship training. Performs related duties as assigned.

### **Qualifications Addendum**

*An entry-level person would be expected to possess the following or any equivalent combination of knowledge, skills, education and experience in order to successfully perform the job.*

#### **Training & Experience:**

- In the electrical field with sufficient related work experience as a journey-level electrician with responsibility for traffic signal maintenance capacity, to include installing and repairing various types of traffic signal control systems.

#### **Licensing Requirements:**

- A valid Oregon Class B Commercial Driver's license.
- State of Oregon General Journeyman Electrician license.
- IMSA Traffic Signal Technician 1 certificate or the ability to obtain within twelve months of appointment.
- Limited Maintenance Electrician (LME)

#### **Knowledge:**

- Electrical and electronic traffic signal systems, practices, tools, terminology, materials, and equipment;
- Design, construction, installation and maintenance of electrical and lighting equipment and systems;
- Operating an aerial lift truck and related equipment;
- Electrical codes and related ordinances and regulations;
- Electric motors, control systems, and video detection equipment.

### Essential Characteristics and Duties Addendum

**Skills:** *(Demonstrated skill in performing the following)*

- Performing electrical system maintenance and repair;
- Diagnosing causes of electrical failure, and repairing electrical and electronic traffic signal systems;
- Operating an aerial lift truck and related equipment;
- Responding to traffic signal emergencies day or night.

**Qualification For Grade Progression:** N/A

### Physical Requirements Addendum

Light Work as defined in the classification specification. Further definition of the physical requirements of the position can be found in a job task analysis.

Position works at heights found with traffic signal repair.

### Addendum History

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