

## STREETLIGHT CIRCUIT TAGGING AND IDENTIFICATION SYSTEM



### 1. Scope

This standard covers tagging and identification requirements of streetlight circuits in all SCL-owned underground handholes.

Tagging and identification of circuits in pole handholes and other non-streetlight circuits are outside the scope of this document.

### 2. Introduction

Tagging is the primary means of identifying cables in the field. The tags provide SCL crews and engineers with information about the circuit: voltage, type, and source. Proper tagging promotes ease of maintenance and troubleshooting.

### 3. Application

This document provides direction to SCL crews, contractors, and customers on proper tagging and identification of SCL-owned streetlight circuits.

### 4. Construction Notes

#### 4.1 General

All jobs will require one metal hand embosser, stock number 765887. This tool is to be used with stainless steel embossing tape, stock number 723370.

Installation requires the use of metal tape protector, stock number 723378, and glass cloth electrical tape, stock number 736632.


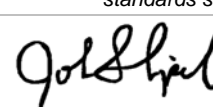
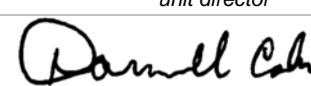
Streetlight circuits shall be tagged in the handhole immediately after the cable is pulled in.

### 5. Circuit Identification

Label information shall conform to the following general format:

NNN CC# SSS	
NNN (Operating Voltage)	Code
120	120V
240	240V
277	277V
480	480V
CC (Circuit Type)	Code
Pedestrian Lighting	PL
Street Lighting	SL
Festoon Lighting	F
# (Circuit Number)	Code
Circuit 1	1
Circuits 1 & 2	1-2
Circuits 3 & 4	3-4
Circuits 1, 2, 3, & 4	1-4
SSS (Source)	Code
Handhole 909	H909
Vault 210	V210
Pole 380	380
Network Vault 286V2	286V2

Voltage is the operating voltage of the devices on that particular circuit. Sources shall be identified by their source location and asset location numbers. The asset location number can be obtained from the SCL engineer on the project.

standards coordinator	standards supervisor	unit director
 Yaochiem Chao	 John Shipek	 Darnell Cola

**6. Fabrication**

Metal tape protector shall be used to protect the cable from the metal tape. It shall be the same width as the lettering on the tag.

A 1-inch space shall be left between the ends of the embossing tape and lettering to allow room to fasten the tag to the cables.

All corners on the tag shall be cut at a 45-degree angle to remove sharp points.



**6.1 Location**

All tags shall be installed on the source side of the fuse holder on cables entering a handhole.

Streetlight circuits sharing a neutral shall be bundled and tagged on the source-side cables only.

Streetlight circuits in the service-point handhole shall be individually tagged on the load side of the fuse holder. Streetlight circuits sharing a neutral shall be bundled as they leave the service point handhole.

Streetlight circuit ground wires shall not be bundled.

**6.2 Installation Steps**

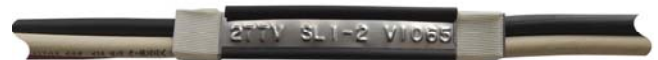
A layer of glass cloth tape shall be placed between the label and cable.



After the label is taped to the cable, fold the extra metal tape over the glass cloth tape.



The completed label shall resemble the figure below.



**7. Material List**

Stock No.	Description	Image
765887	Metal hand embosser	
723370	Stainless steel embossing tape	
723378	Metal tape protector	
736632	Glass cloth electrical tape	

**8. References**

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