

CONSTRUCTION GUIDELINE

CABLE TAGGING AND PHASE MARKINGS

Identification tags are the primary means of identifying all cables in the field. In order that these tags may be relied upon, they shall be fastened to each cable immediately after the cable is pulled in. The tags, secured with tie straps, must be used on all 27 kV concentric neutral cables. Also, label customer's cables indicating the customer's side of the service termination point where the customer's cables terminate.

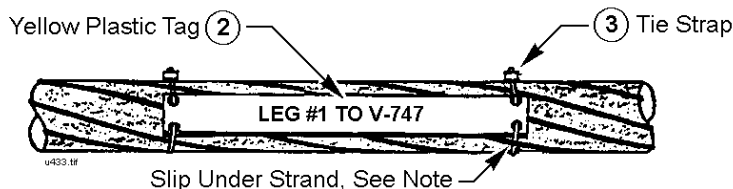
Tagging shall be as follows:

- 1. Lettering on Yellow Plastic Tag:** The lettering shall be made with an Eagle "Marker 8835" felt-tip pen. Cables shall be identified by descriptions similar to the following examples:

SUBSTATION GETAWAY: **F2634 LEG #3 TO V707** or **F2634 LEG #3 TO BUS B**
 PRIMARY FEEDER: **26C123 LEG #3 TO V-707**
 PRIMARY DISTRIBUTION: **LEG #1 TO V-747**
 SECONDARY: **5161 S. CRESTON**

Note: Only primary feeder cables are assigned identification numbers in the above. Example: 26C123.

- 2. Attachment:** The tags shall be secured with plastic tie straps.
- 3. Phase Markings** on new cables, primary and secondary, shall be made with bands of overlapping yellow plastic tape and placed around the appropriate cable jacket:
 - Phase One: One band
 - Phase Two: Two bands
 - Phase Three: Three bands
- 4. Location:** Tags should be placed at all duct mouths and, if possible, also at a location so they can be read from the ladder.
- 5. Service Termination Point:** Place tags on customer's NEC cable on the customer's side of the service termination point in service termination facilities. SCL should never do work on equipment on the customer's side of the termination point. The label tag will typically read "customer owned." Examples of service termination points include
 - Secondary spades on transformers on pads, in vaults, in handholes, and in fenced enclosures
 - Multiple connectors in vaults, handholes, and terminal cans
 - Bus bars in vaults and in cable-to-bus bar termination enclosures



Slip plastic tie strap under one or two strands of the concentric neutral at each end.

6. Material List

Item	Quantity	Description	Stock No.	Material Standard
1	as required	TAPE, yellow marking	736776E	7367.5
2	as required	TAG, cable identification, yellow, plastic	735800E	-
3	as required	STRAP, TIE, adjustable plastic	735806E	7358.1

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