



High Voltage Sign Requirements

TD-2305M-JA08

Publication Date: 10/2012 Rev: 1

Guidance Document References:

- **TD-2305M** – 2011 EDPM Manual
- **Engineering Document 022168**: Marking, Numbering, and Identification of Line Structures
- **General Order 95, Rule 51.6**: Marking and Guarding

Level of Use:

- ☐ Information
- ☒ Reference
- ☐ Continuous

High Voltage Sign Requirements Job Aid

Procedures

Inspector Responsibilities:

Inspectors are required to look for missing or broken high voltage signs during inspections. If inspectors find missing or broken signs, they should install new signs as minor work if they have the appropriate materials and equipment, and **can perform the work safely**. If the inspector cannot install a sign as minor work, the inspector must create a Priority 'F' EC notification. Below is guidance on how to evaluate high voltage signage.

High Voltage Sign Requirements:

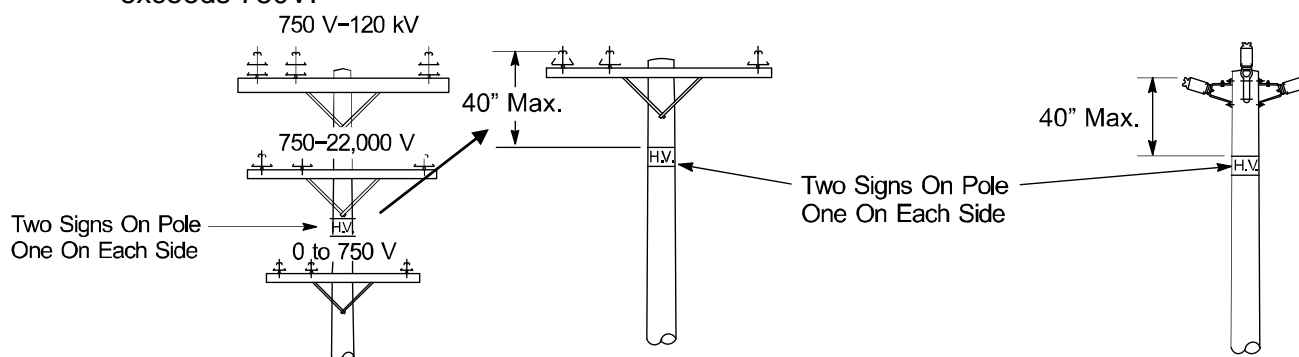
Poles that support line conductors or risers energized at more than 750 volts must be marked with high voltage signs. **If a pole is marked under any of the options below, it satisfies the high-voltage marking requirement.** When installing new high voltage signs using one option, inspectors are not required to remove signs previously installed under different options.

Marking Options:

A. Sign the Pole Below the Lowest 750V+ Line Conductor (Preferred)

Marking requirements are satisfied under this option if:

1. There are two signs, attached to the surface of each side of the pole¹.
2. The top of each sign is no more than 40" below the lowest level line conductor that exceeds 750V.



¹ **Exception:** If an inspector finds only one high-voltage sign within 40" below the lowest 750V or greater conductor, the inspector is not required to install a second sign. However, when performing work at the lowest crossarm level, a second sign must be installed.



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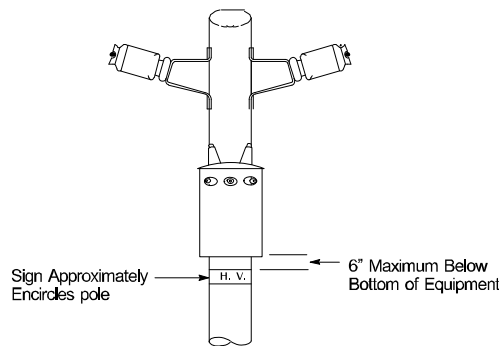
Procedures (con't)

B. Sign the Pole Below Equipment

Marking requirements are satisfied under this option if:

1. There are two signs attached to the surface of each side of the pole².
2. The top of each sign is no more than 6" below the equipment.
3. The signs are above all 0-750V supply and communication line conductors.

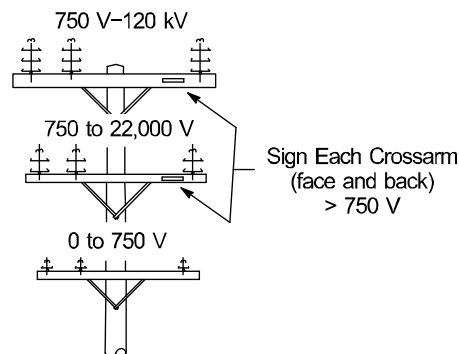
² **Exception:** If an inspector finds only one high-voltage sign installed within 6" below the equipment, the inspector is not required to install a second sign. However, when performing work at the equipment level, a second sign must be installed.



C. Sign Each Crossarm

Marking requirements are satisfied under this option if:

1. Each crossarm (line arm) supporting line conductors in excess of 750V are signed both front and back. Signs are not required on the inside faces of double arms.



The exceptions in Sections A and B do not apply when, in the judgment of the inspector, the two high voltage signs should be installed so that they may be visible from all sides of the pole. Typical examples are poles near water areas suitable for sailboats, near established boat ramps and associated rigging areas, adjacent to swimming pools, and in agricultural areas with moveable irrigation piping.