



FESHCom
Electrical Safety Subcommittee

ESS Determination D2015-02 14 Dec-2015

Labeling of Pass-Through Cables

Scope:

This determination applies only to cables that enter and exit a building or other structure in which electrical power and controls are used, but without termination or use in that building. For the purpose of the subject cables, the building serves only as a large pull-box. Electrical and communication vaults and similar outdoor structures are excluded from this policy.

Requirements:

Cables that are spliced or terminated within a building, even if only at patch panel or similar passive type of connection, shall be individually identified at such splices or connections and no further identification is required.

Cables that run unspliced and unterminated through a building shall be identified in manner and in places which makes the label's existence readily apparent and accessible, and as close each entry point as reasonable. Ease of tag identification and access shall be given priority over nearness to an entry point. If both entry points are within sight of each other and the cable path is readily apparent, only one identification is required.

Cable identification shall include maximum voltages and currents, panelboard and circuit numbers or signal identification, responsible division, section, or center, and to which other buildings or structures the cables are connected.

Identification shall be fabricated and attached with materials that essentially permanent for the environment in which they are to be installed. The identification shall be placed so that it can be readily located, accounting for future cables that may be added to cable trays.

Where a group of cables run together between the same points of termination and their type of purpose makes it likely that they will remain in service and be removed from service as a group, they may be identified as a group rather than individually where they pass through a building in which they are not spliced or terminated.

Exceptions:

This policy does not apply retroactively. As existing cables that are to remain are identified, it is recommended that identification be applied if none is present.

Notification:

If cable removal work includes unidentified cables, notification shall be made to the Electrical Coordinators of each division and Section as well as representatives of groups responsible for fire protection, security, telecommunications, and computing networks. Such notification shall give not less than 3 business days prior to the scheduled removal to give ample opportunity to inspect the cables in question to determine if they are in service.