Requirements for Labeling Elevator Distribution Boxes



Overview

ASME A17.1-2016/CSA B44-16 DATA PLATES AND TAGSThe material and marking of permanent plates must conform to the requirements of 2.16.3.3: Material: permane.

Key Takeaways

Elevator distribution boxes must be labeled with permanent, legible, and code-compliant data plates or tags that convey electrical ratings, safety warnings, and operational information. Key Standards and GuidelinesUL Marking and Labeling Systems: Labels for electrical equipment, including elevator distribution boxes, must meet permanency and durability requirements to ensure they remain legible under operational conditions. Labels should convey electrical ratings, installation instructions, and safety warnings, and be compatible with the surface and environmental conditions of the equipment.

UL-recognized labeling systems are tested for adhesion, temperature tolerance, and chemical resistance.

IS

O 28219: 2017: This standard defines item marking and direct part marking for components, including machine-readable (1D/2D barcodes) and human-readable information. For elevator distribution boxes, ISO 28219 ensures that labels can be scanned or read for inventory, maintenance, and safety purposes, supporting traceability and compliance across the supply chain. Labels may combine multiple types of information in a single area or use separate labels for clarity.

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ASM

E A17. 1 / CSA B44: Elevator codes require data plates and tags on controllers, main line disconnects, and car crossheads. Labels must be permanently attached, legible, and conform to specified letter height and stroke.

For freight elevators, signage must indicate passenger restrictions. The code also specifies placement locations to ensure visibility during inspection and maintenance.

NFP

A 70E / OSHA Compliance: Electrical safety standards require labeling to alert personnel to hazards, including potential arc flash risks. Labels must be durable, high-performance, and clearly visible, especially on energized equipment. The equipment owner is responsible for installation, maintenance, and updating of labels.

Label Content and Placement Recommendations

Electrical Ratings: Voltage, current, phase, and frequency. Safety Warnings: Arc flash, shock hazards, and operational cautions. Operational Instructions: Controller identification, disconnect locations, and maintenance notes.

Identification Codes: Serial numbers, part numbers, or barcodes for traceability. Placement: On the controller door, main disconnect, or inside the car crosshead for visibility during inspection. Labels should not obstruct access and must remain legible under normal environmental conditions.

Materials and Durability

Use high-performance, chemical- and abrasion-resistant materials. Ensure permanent adhesion to metal or painted surfaces. Consider temperature and moisture exposure in material selection.

Machine-readable codes (barcodes or QR codes) should comply with ISO 28219 for scanning reliability.

Summary

Elevator distribution box labeling must comply with UL, ISO, ASME, and NFPA standards, ensuring safety, traceability, and operational clarity. Labels should be permanent, legible, and strategically placed, containing electrical ratings, warnings, operational instructions, and identification codes. Using high-quality materials and following code-specified placement ensures compliance and enhances safety for maintenance personnel and inspectors.

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Article Content

ASME A17.1-2016/CSA B44-16 DATA PLATES AND TAGS

The material and marking of permanent plates must conform to the requirements of 2.16.3.3: Material: permanent data plates and marking plates must be metal or durable plastic with 1.6 mm (0.063 in.)

COMPLIANCE GUIDELINES FOR MARKING AND LABELING

COMPLIANCE GUIDELINES FOR MARKING AND LABELING SYSTEMS Most electrical products and equipment are required to be marked with specific safety-related i. formation and meet permanency

Supplier Packaging Guidelines

The requirements laid out in this document represent an effort to ensure consistent, efficient, safe, and high-quality experience throughout distribution and onto end customers.

Compliance guidelines for marking and labeling systems

These markings can include electrical ratings, use instructions, warnings regarding potential safety hazards and cautionary markings. Compliance with the permanence of marking requirements helps

1910.306

Boxes shall be designed so that no live parts are exposed to accidental contact. Where installed outdoors, the box shall be of weatherproof construction and mounted so that the bottom of the

Arc Flash Labeling Requirements

Learn about arc flash labeling requirements and the updated NFPA 70E standard, including facility responsibilities, equipment requirements, label requirements, guides, products and more!

Elevator Safety System, Subsystem and Components Certification

We provide certification for elevator systems, subsystems and equipment based on the requirements of the Safety Code for Elevators and Escalators, ASME A17.1/CSA B44 and in accordance with Article

21 CFR Part 211 Subpart G -

Holders of approved new drug applications for OTC drug products are required under § 314.70 of this chapter to provide the agency with notification of changes in packaging and labeling to comply with

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Labelling and packaging | Access2Markets

The labelling rules cover terms which must be used on the labels to describe the qualities and production methods associated with the wine, terms which may be used subject to certain

Electrical Panel Labeling Standards: Easy Guide

Electrical panel labeling standards come from many regulatory agencies, so it''s important to learn about the specific requirements that apply to your workplace.

Re: Marking of Electrical Equipment

Clear and accurate labelling directly impacts safety. When panels and disconnects are labelled properly, electricians and technicians can quickly isolate, verify and safely work on equipment. If panels and

The Ins and Outs of Electrical Labeling — Part 1 of 2 | EC&M

A related requirement is NEC 210.5 (C) (3), which defines the labeling of conductors originating within each branch circuit panelboard or similar branch circuit distribution equipment. The

Electrical Panel Labeling: Clear & Simple Compliance

Learn electrical panel labeling standards, requirements & best ways to label an electrical panel for safety, compliance, and easy identification.

COMPLIANCE GUIDELINES FOR MARKING AND LABELING

This UL white paper discusses the specifics of marking and labeling requirements, and how to identify compliant marking and labeling systems for use by product and equipment manufacturers. Beginning

Complete Guide to Electrical Panel Labels

There are many regulations that apply to electrical panel labels as well as tagging and labeling of related equipment. Here''s what you need to know.

Electrical Labeling Compliance: Key Updates You Must

Stay updated with the latest electrical labeling compliance standards for 2025 to ensure safety and avoid penalties. Learn about arc flash labels,

Compliance with the 2017 NEC for Elevator Controllers

With the new elevator controller requirements, more attention will be focused on the elevator system. First, it is now clear that elevator controllers must be marked by the manufacturer

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Guideline

This Standard covers all labelling to be secured to distribution primary equipment on Horizon Power''s distribution network and represents the minimum requirements applicable to all labels applied to the

Contact Us

Continue your research online:

Website: https://fdsoluciones.es
Technical inquiry: https://fdsoluciones.es/project-enquiry.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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