



Electrical Panel and Circuits, Marking

Regulatory Citation	OSHA - 29 CFR 1910.303(e) - Marking OSHA - 29 CFR 1910.303(f) - Disconnecting means and circuits OSHA - 29 CFR 1910.305(b) - Cabinets, boxes and fittings
What It Is	Standard addresses electrical safety requirements that are necessary for the practical safeguarding of employees in their workplace.
Who It Applies To	Employers with electric panels and circuits.
Origination Date	1-16-1981

Overview

The Occupational Safety and Health Administration (OSHA) requires electrical installations and equipment to be free of recognized hazards that may cause death or serious harm to employees. The equipment must be installed and used according to the manufacturer's recommendations. It must be mechanically suitable and protected from damage.

29 CFR 1910.303(e) - Electric equipment may not be used unless the following markings have been placed on the equipment:

1. The manufacturer's name, trademark or other descriptive marking by which the organization responsible for the product may be identified; and
2. Other markings giving voltage, current, wattage or other ratings as necessary.

The markings must be of sufficient durability to withstand the environment involved.

29 CFR 1910.303(f) - All panel board circuits must be identified on the face or inside of the panel door. Each disconnecting means for motors and appliances must be legibly marked to indicate its purpose, unless located and arranged so the purpose is evident. Each service, feeder and branch circuit, at its disconnecting means or overcurrent device, must be legibly marked to indicate its purpose, unless located and arranged so the purpose is evident. The markings must be of sufficient durability to withstand the environment involved.

Markings for series combination ratings are required. Where circuit breakers or fuses are applied in compliance with the series combination ratings marked on the equipment by the manufacturer, the equipment enclosures must be legibly marked in the field to indicate that the equipment has been applied with a series combination rating.

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This marking must be readily visible and state "Caution - Series Combination System Rated _____ Amperes. Identified Replacement Component Required."

29 CFR 1910.305(b) - Covers for boxes must be permanently marked "HIGH VOLTAGE" on the outside of the box cover. Markings must be readily visible and legible.

FAQ & Interpretations

Follow these links:

<https://www.osha.gov/laws-regs/standardinterpretations/standardnumber/1910/1910.303%20-%20Index/result>

<https://www.osha.gov/laws-regs/standardinterpretations/standardnumber/1910/1910.305%20-%20Index/result>