

Grounding requirements for construction site electrical distribution boxes and switches

Our Industrial Electrical Construction team brings decades of experience designing and installing grounding systems that meet these rigorous requirements, ensuring your facility operates safely and ...

Learn what OSHA requires for electrical grounding in general industry and construction, and what violations can cost you.

Learn about the general requirements for grounding and bonding in line with the NEC 2023.

The employer shall establish and implement an assured equipment grounding conductor program on construction sites covering all cord sets, receptacles which are not a part of the building or structure, ...

Unless installed in a complete metallic raceway, each branch circuit shall contain a separate equipment grounding conductor, and all receptacles shall be electrically connected to the grounding conductor.

The employer shall use either ground fault circuit interrupters as specified in paragraph (b) (1) (ii) of this section or an assured equipment grounding conductor program as specified in paragraph (b) (1) (iii) ...

This section covers grounding of transmission and distribution lines and equipment when this subpart requires protective grounding and whenever the employer chooses to ground such lines and ...

Metal electrical boxes housing switches, receptacles, and junctions must be bonded to the equipment grounding conductors to ensure all metallic parts remain at the same potential.

NFPA 70: National Electrical Code Article 250 covers the minimum requirements for grounding and bonding and, although the NEC lists requirements to abide by, it should not be taken ...

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