Distance requirements around construction site electrical distribution boxes

Overview

OSHA and the National Electrical Code (NEC) specify the minimum clearance distances required around electrical panels. These include a depth of 36 inches, a width of 30 inches, and a height of 78 inches. equipment with or without draw-out parts). Electrical clearances are the minimum separation distances the National Electrical Code (NEC) requires between wiring, panels, overhead conductors. Safety of equipment shall be determined on the basis of the following considerations: Suitability for installation and use in conformity with the provisions of this subpart. Suitability of equipment for an identified purpose may be evidenced by listing, labeling, or certification for that. This fact sheet explains how to apply the requirements shown in AS/NZS 3012:2019 Electrical installations – construction and demolition sites (AS/NZS 3012:2019), which is called up as a mandatory standard by section 163 of the Work Health and Safety Regulation 2025 (WHS Regulation).

© 2026 ROGER FIBRE ATELIER - All rights reserved

Article Content

Safe Clearances for Electrical Equipment: Working Space and

Many jurisdictional and code requirements also outline requirements for adequate access due to their importance for safety. Note that sufficient working space is relative to the clear space in

2-9-* Working space around electrical equipment

Rule 2-310 requires the minimum working space around electrical equipment to be based on the Equipment Nameplate Rating rather than the overcurrent setting. The requirements of Rules 2-308

Electrical Clearances: Requirements and Safe Distances

Every electrical panel, breaker box, meter base, and service disconnect needs a clear working zone in front of it so that someone can safely

1926.403

In addition to the dimensions shown in Table K-1, workspace shall not be less than 30 inches (762 mm) wide in front of the electric equipment. Distances shall be measured from the live parts if they are

Electrical practices — construction and demolition sites fact sheet

This fact sheet explains how to apply the requirements shown in AS/NZS 3012:2019 Electrical installations – construction and demolition sites (AS/NZS 3012:2019), which is called up as a

OSHA Electrical Panel Clearance Requirements: Guide

OSHA and the National Electrical Code (NEC) specify the minimum clearance distances required around electrical panels. These include a depth of 36 inches, a width of 30 inches, and a height of 78

What is the clearance for electrical enclosures

Find out the required clearance dimensions around electrical enclosures for safe access, based on NEC and OSHA regulations.

Working Clearances, based on the 2020 NEC

It is unacceptable to be subjected to additional dangers by working around bicycles, boxes, crates, appliances, and other impediments. Don''t work in such an area until these items are removed.

Electricity in construction

© 2026 ROGER FIBRE ATELIER - All rights reserved

HSE and other organisations have produced guidance on electrical safety that is suitable for a wide range of industries and technical competencies. Most of the information produced by the HSE is...

Safe Clearances for Electrical Equipment: Working

Working space: The front clearance, side clearance, and height clearance requirements for electrical equipment that provide a safe area for maintenance,

The installation requirements for the distribution box

Learn how to install a distribution box safely and correctly. Covers wiring, placement, standards, and expert tips for a compliant setup.

Clearances and Location Requirements for Enclosures, Pads, and

CLEARANCES AND LOCATION REQUIREMENTS FOR ENCLOSURES, PADS, AND UNDERGROUND EQUIPMENT Electric Distribution Function: Design

Requirements for distribution box at construction site

2□ The rated value and action setting value of the main distribution box shall be compatible with the rated value and action setting value of the branch switch. 3□ The electrical components and leakage

Requirements And Specifications For Installation Of Distribution Boxes ...

In flammable and explosive environments, explosion-proof distribution boxes should be selected and explosion-proof treatment should be carried out. The installation of explosion-proof

1926.403

Metal-enclosed switchgear, unit substations, transformers, pull boxes, connection boxes, and other similar associated equipment shall be marked with appropriate caution signs. If equipment is

Safety requirements of distribution box

The distribution box has the characteristics of small size, simple installation, special technical performance, fixed location, unique configuration function, not limited by the site, relatively common

1910.303

Metal-enclosed switchgear, unit substations, transformers, pull boxes, connection boxes, and other similar associated equipment shall be marked with appropriate caution signs; and

Work near electricity

© 2026 ROGER FIBRE ATELIER - All rights reserved

Many electricity supply companies will provide advice on how to work safely near electrical distribution equipment. You should contact them directly. Electrical danger signs Signs warning of electrical

Contact Us

Continue your research online:

Website: https://artduferoger.fr
Technical inquiry: https://artduferoger.fr/contact.html

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

© 2026 ROGER FIBRE ATELIER - All rights reserved