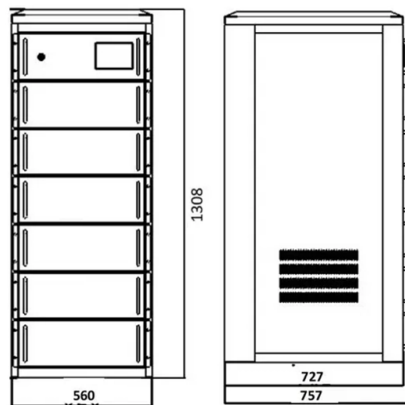


How to route cables during scaffolding installation



AI Overview

Cables should be routed using secure, protected pathways such as cable trays, conduits, or temporary supports, ensuring safety, accessibility, and minimal interference with scaffolding operations.

Planning and Preparation

Before installation, review the approved shop drawings to determine the layout, length, and location of cable routes relative to the scaffolding and work areas . Inspect all materials, including cable trays, ladders, conduits, and fittings, for damage or defects, and remove unsuitable items from the site . Ensure that all personnel involved have received safety induction and competency verification for working near scaffolds and overhead lines .

Cable Routing Methods

- **Cable Trays and Ladders:** Use cable trays or ladder systems to support cables along scaffolding structures. These can be installed parallel to scaffold runs and provide a stable, organized path for multiple cables .
- **Conduits and Ducts:** For additional protection, especially in areas with potential mechanical impact, route cables through conduits or floor/ceiling ducts .
- **Temporary Supports:** When scaffolding is temporary, use cable ties, clamps, or articulated cable chains to secure cables to scaffold frames without obstructing access or movement

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Microsoft Word

Introduction Erecting and dismantling scaffolding remains a high risk activity, not only to those carrying out the work, but also to other

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FactSheet

Position the first level of bracing as close to the base as possible. Plumb and level the scaffold as it is being erected. Fasten all

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Cable Tray Trunking & Ladder Installation Method for Projects

The purpose of this article is to define the sequence and methodology for the installation of electrical cable trays,

Contact Us

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