

On-site assembly of cable trays



Summary of Content

On-site fabrication and installation of cable trays involves careful material handling, support preparation, alignment, and adherence to standards to ensure a safe and reliable electrical distribution system.

Material Inspection and Preparation

All cable trays, ladders, and accessories must be inspected upon delivery to ensure compliance with approved material submittals and project specifications. Damaged or non-conforming materials should be reported and removed from the site immediately. Trays should be stored horizontally on flat surfaces with timber supports at regular intervals and protected from moisture and direct sunlight to prevent corrosion or deformation .

Support and Layout

- Supports must be installed according to the approved shop drawings, ensuring proper spacing: typically 2 meters for perforated trays and 3 meters for ladder-type trays to avoid strain on the system .
- Trays should be self-supporting and fixed to steel structures, concrete, or standard steel shapes using high-tensile bolts, washers, and nuts.
- The layout should follow Issued for Construction (IFC) drawings, maintaining adequate space for cable installation and future maintenance .

Installation Procedure

- Review Shop Drawings: Confirm tray routing, lengths, and locations.
- Install Supports: Ensure stability and alignment of the tray system.

Article Content

Cable trays

We offer a wide range of cable tray systems to support tubing, electrical cables and instrumentation. Our cable trays are produced in

Cable Tray Installation Procedure Guide

It describes inspecting and storing cable trays upon receipt, installing trays flat or vertically, fixing trays to structures, designing trays

Method Statement installation of Cable Trays and Ladders

This method statement covers the site installation of the cable tray & ladders and the requirements of checks to be

Cable Tray Installation

Whether you're building a commercial setup or upgrading an industrial plant, proper cable tray installation ensures

How to install Cable Trays – Best Guide in 2026

Step-by-step on-site guide: learn how to plan, mark, support, and install cable trays correctly, from shop drawing approval to final

5 Steps to Learn How to Install Cable Trays

Installing a cable tray system requires careful planning to ensure it can support the weight of the cables and adheres

Cable Tray Systems: A Complete Guide to Types & Installation

Discover the essential guide to cable tray systems. Learn about ladder, trough, and wire mesh types, key

Cable Tray Installation Guidelines and Best Practices: Complete ...

Cable tray installation guidelines for industrial EPC projects with support spacing, earthing, routing, safety and real site

CABLE TRAY INSTALLATION PROCEDURE

Prepare the required tools and materials to be used for the installation of the cable tray. Inspect tools for proper

Cable Tray Installation

Proper planning for installing cable tray includes calculations based on loading, support systems, cable/wire fill and spacing,

Contact Us

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