

RIVO MULTITRADE OPTICAL SYSTEMS

How to pull the cable out of the cable tray



Overview

This document provides the work method for cable pulling on the Maura Laboh Geothermal Power Plant Project.

Key Takeaways

Use a cable tray side dropout or a dropout plate to safely route cables out of the side of a cable tray while maintaining proper bend radius and protecting the cable. Using Side Dropouts

Side dropouts are accessories designed specifically for exiting cables from the side of a wire mesh or ladder-type cable tray. Popular options include:

- BDO (Basic Drop Out): 4" wide with snap-in mounting tabs, allowing cables to drop out without additional hardware .
- SDO (Slotted Drop Out): Available in 6" and 12" widths, with slots for cable tie attachment, suitable for side or end exits .
- UDO (Universal Drop Out): Available in 8", 12", 18", and 24" widths, ideal for dropping cables over the side of a tray .



- Cablofil Center Drop Out (CDO): Designed for high-capacity data centers, it snaps in place, supports heavy copper and fiber optic bundles, and can be repositioned as needed . These dropouts maintain the proper bend radius, prevent sharp bends, and reduce the risk of cable damage.

Using Dropout Plates

A dropout plate is another method to exit cables safely:

- Place the plate between rungs or at the end of the tray.
- It provides a smooth, protected exit point, reducing abrasion and strain on the cable .
- Avoid exiting cables directly over the side without a dropout plate, as this can cause sharp bends and potential conductor damage .

Important Considerations

- Do not cut or notch the tray side rails unless specifically allowed by the manufacturer, as this can compromise structural integrity .
- Ensure that any attachment or modification is listed for the intended purpose and complies with electrical codes.
- Use cable ties or other securing methods to keep cables organized and prevent sagging or stress at the exit point. By using the appropriate side dropout or dropout plate, you can safely route cables out of the side of a cable tray while protecting both the cable and the tray structure .

Article Content

Cable Pulling Work Methodology Guide | PDF | Crane (Machine

This document provides the work method for cable pulling on the Maura Laboh Geothermal Power Plant Project. It outlines the

Cable Pulling and Termination Method Statement

The process involves isolating power, inspecting materials and tools, pulling cables through trays and ladders while maintaining

Cable tray feeder pulling techniques | Information by Electrical ...

The run is almost entirely above a finished freezer panel type ceiling (walkable, not for wire or equipment) and the

Method Statement For Cable Pulling and Final Electrical Connections

This procedure covers the method for all the cable pulling, electrical connections and terminations for cables running on cable

pulling tray cable

At this point there is a roller on the 90 and one on the end of the tray. With 2 people, one in a lift pulling and the other

Complete cable tray manual for electrical engineers and designers

The final drawings for a cable tray wiring system may be completed and sent out for bid or construction more quickly

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

SAFE WORK PROCEDURE

Check your position for any sharp edges, head bangers, pinch points ect. Pull cable in a measured steady pace as directed by cable

How To Strip Tray Cable

Learn how to strip tray cable safely and efficiently with Encore Wire using three common methods: Encore Wire's rip

Cable Pulling Method Statement for Riau Project

This method statement provides the procedure for cable pulling on trays, duct banks, and trenches for the Riau GFPP 275MW IPP

Mastering Cable Tray Installation | Step-by-Step Guide for a Seamless ...

Learn how to install cable trays correctly. Get the ultimate step-by-step guide on setting up a seamless and reliable

Multiple cable pulling made easy | Oil & Gas Journal

During cable installation or moves, adds, and changes, the cable being pulled will sometimes attempt to "leave the

Cable Tray Installation and Cable Handling Method Statement

Cable Tray Installation Method Statement 1. Cable Tray Installation Cable trays should be installed in accordance with the latest

Master Cable Tray Installation: A Professional Step-by-Step Guide for ...

Learn how to install cable trays for large-scale projects with our professional, step-by-step guide covering industry

Cable Installation Guidelines in Trays

The document provides guidelines for installing cable in cable trays, including design considerations and formulas for calculating

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,

Cable Pulling on Tray

Hi, Here in our area, Cables are traditionally pulled through cable tray by manual labor. I want to modernize this using

Cable tray

In the electrical wiring of buildings, a cable tray system is used to support insulated electrical cables used for power distribution,

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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Technical inquiry: <https://rivomultitrade.co.za/contact.html>

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

