

Installation of welded wire mesh cable trays



Article Overview

Welded wire mesh cable trays are installed by preparing the layout, securing support brackets, cutting and shaping the tray, and routing cables while ensuring proper alignment and spacing.

Step 1: Planning and Layout

Before installation, review the approved shop drawings to determine tray routes, lengths, bends, and risers . Walk through the installation area to identify obstacles such as beams or pipes. Proper planning ensures smooth installation and avoids mid-project adjustments.

Step 2: Material Preparation

Inspect all cable trays, brackets, and accessories for damage or discrepancies. Store trays horizontally on a flat surface with timber supports to prevent warping or moisture damage . Use bolt cutters or tray cutters to size the trays, and file sharp edges to prevent cable damage .

Step 3: Support Bracket Installation

Install support brackets at regular intervals, typically every 1.5 to 2 meters, depending on tray weight and cable load . Ensure brackets are level and securely fastened to walls, ceilings, or structural supports. For heavy-duty or industrial zones...

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