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# Cable Tray Installation Guidelines

National Electrical Manufacturers Association



**NEMA VE 2**

**CABLE TRAY  
INSTALLATION  
GUIDELINES**



**NEMA Standards Publication VE 2-2006**

*Cable Tray Installation Guidelines*

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## Foreword

**For Cable Tray Installers**—This publication is intended as a practical guide for the proper installation of cable tray systems. Cable tray systems design shall comply with NEC Article 392, NEMA VE 1, and NEMA FG 1 and follow safe work practices as described in NFPA 70E.

These guidelines and information do not intend to cover all details or variations in cable tray systems nor provide for every possible installation contingency.

**Construction Experience**—It is recommended that the work described be performed by qualified persons familiar with standard electrical construction practices, electrical equipment, and safety of electrical wiring systems.

These guidelines will be useful to engineers, contractors, and maintenance personnel. This publication will be reviewed periodically with the purpose of updating it to reflect advancing technology and construction techniques. Please address any comments or questions to:

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This is the third edition of this publication.

This standards publication was developed by the NEMA Metal Cable Tray and Nonmetallic Cable Tray Sections. Section approval of the standard does not necessarily imply that all section members voted for its approval or participated in its development. At the time it was approved, the Metal Cable Tray and Nonmetallic Cable Tray Sections were composed of the following members:

Allied Tube & Conduit/Cope—Harvey, IL  
Cablofil Inc—Mascoutah, IL  
Champion Fiberglass—Spring, TX  
Chalfant Manufacturing Company—Brunswick, OH  
Cooper B-Line—Highland, IL  
GS Metals Corporation—Pinckneyville, IL  
MP Husky Corporation—Greenville, SC  
P-W Industries, Inc.—Pico Rivera, CA  
Thomas & Betts Corporation—Memphis, TN  
The Wiremold/Legrand—West Hartford, CT

## SCOPE

This publication addresses shipping, handling, storing, and installing cable tray systems. Information on maintenance and system modification is also provided.

Abbreviations used in this standard are as follows:

- "in." denotes inch;
- "ft" denotes foot;
- "lb" denotes pound;
- "mm" denotes millimeter;
- "kg" denotes kilogram;
- "m" denotes meter;
- "N" denotes newtons;
- "°F" denotes degree Fahrenheit;
- "°C" denotes degree Celsius.