AMERICAN NATIONAL STANDARD

NECA 101-2006

Standard for

Installing Steel Conduits (Rigid, IMC, EMT)

NEIS

Published by
National Electrical
Contractors Association

Jointly developed with
Steel Tube Institute
of North America

Table of Contents

1. Scope

This standard describes installation procedures for steel rigid metal conduit (RMC), steel intermediate metal conduit (IMC), and steel electrical metallic tubing (EMT). Conduit with supplementary PVC coating is also included.

This publication is intended to enhance electrical safety by:

1. Aiding installers in meeting the "neat and workmanlike" requirements
2. Reducing future repair needs
3. Providing for future expansion to avoid electrical overload
4. Creating an installation which will protect the wire conductors from mechanical abuse
5. Providing electrical continuity of the raceway system

1.1 Regulatory and Other Requirements

a) All information in this publication is intended to conform to the National Electrical Code (ANSI/NFPA 70). Installers should always follow the NEC, applicable state and local codes, manufacturer's instructions, and contract documents when installing steel rigid metal conduits (RMC, IMC, EMT).

b) Only qualified persons familiar with the construction and installation of steel rigid metal conduits (RMC, IMC, EMT) should perform the work described in this publication. It is recommended that all work be performed in accordance with NFPA 70E, *Standard for Electrical Safety in the Workplace.*

c) General requirements for installing electrical products and systems are described in NECA 1, *Standard Practices for Good Workmanship in Electrical Contracting* (ANSI). Other *National Electrical Installation Standards* provide additional guidance for installing particular types of electrical products and systems. A complete list of *NEIS* is provided in Annex C.