



Recommended Practice  
for Installing and Maintaining

# Busways

# NEIS<sup>®</sup>



Published by  
National Electrical  
Contractors Association



## **An American National Standard**

# **NECA 408–2002** *Recommended Practice for* **Installing and** **Maintaining Busways**



Published by  
**National Electrical  
Contractors Association**



**National Electrical Installation Standards<sup>®</sup>**

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*(This foreword is not a part of the standard)*

# Foreword

*National Electrical Installation Standards*<sup>®</sup> are intended to improve communication among specifiers, purchasers, and suppliers of electrical construction services. They define a minimum baseline of quality and workmanship for installing electrical products and systems. *NEIS*<sup>®</sup> are intended to be referenced in contract documents for electrical construction projects. The following language is recommended:

Busways shall be installed and maintained in accordance with NECA 408-2002, *Recommended Practice for Installing and Maintaining Busways* (ANSI).

Use of *NEIS* is voluntary, and the National Electrical Contractors Association assumes no obligation or liability to users of this publication. Existence of a standard shall not preclude any member or non-member of NECA from specifying or using alternate construction methods permitted by applicable regulations.

Everything in this publication is intended to comply with the edition of the National Electrical Code<sup>®</sup> in effect at the time of publication. *NEIS* are not intended to duplicate *NEC*<sup>®</sup> requirements. It is the responsibility of users of this standard to comply with state and local electrical codes when installing electrical products and systems.

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# 1. Scope

## 1.1 Equipment Included

This recommended practice describes installation procedures for feeder and plug-in busways and associated accessories rated 600 Volts AC or less, and 100 Amperes or more. It also covers periodic routine maintenance procedures for busway, and special procedures used after adverse operating conditions such as a short-circuit, ground-fault, or immersion in water.

## 1.2 Equipment Excluded

This publication does not cover Lighting Busway, Trolley Busway, Cablebus, or Metal Enclosed Busway (medium-voltage).

## 1.3 Regulatory and Other Requirements

All information in this publication is intended to conform to the National Electrical Code (ANSI/NFPA Standard 70). Installers should always follow the NEC, applicable state and local codes, and manufacturer's instructions when installing and maintaining busway systems.

Only qualified persons familiar with the construction and operation of busway should perform the work described in this publication.

Other *National Electrical Installation Standards*<sup>®</sup> provide additional guidance for installing particular types of electrical products and systems. A complete list of *NEIS*<sup>®</sup> is provided in Annex B.