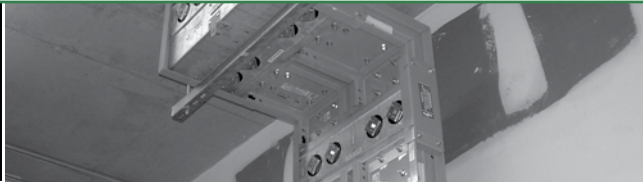


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NECA 408-2009

Standard for

Installing and Maintaining Busways

AN AMERICAN NATIONAL STANDARD



Published by
National Electrical Contractors Association

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RESISTANCE CONTACT FOR

An American National Standard

NECA 408–2009
Standard for
Installing and
Maintaining Busways



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**National Electrical
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National Electrical Installation Standards®

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(This foreword is not a part of the standard)

Foreword

National Electrical Installation Standards™ are designed 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™* are intended to be referenced in contract documents for electrical construction projects. The following language is recommended:

Busways should be installed and maintained in accordance with NECA 408-2009, *Standard 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.

This publication is intended to comply with the edition of the National Electrical Code® (NEC®) in effect at the time of publication. Because they are quality standards, *NEIS* may in some instances go beyond the minimum safety requirements of the NEC. It is the responsibility of users of this publication to comply with applicable federal, state, and local electrical codes when installing electrical products and systems. Installers should also follow all manufacturer's installation instructions and ensure conformity to electrical ratings marked on such equipment.

Suggestions for revisions and improvements to this standard are welcome. They should be addressed to:

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1. Scope

1.1 Applications and Products Included

This standard describes the installation and maintenance procedures for feeder and plug-in busways and 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 short-circuit, ground-fault, or immersion in water.

1.2 Applications and Products Excluded

This publication does not cover lighting busway, trolley busway, cable-bus, or medium-voltage or metal-enclosed busway.

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 Federal, state and local electrical codes, OSHA safety regulations, and manufacturer's installation instructions when installing and maintaining busways.

Only qualified persons familiar with the construction and operation of busways should perform the installations described in this publication. The term "qualified person" is defined in Article 100 of the NEC. Administrative functions and tasks such as receiving, handling and storing, required in Section 4 and other tasks can be performed under the supervision of a qualified person.

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 A.