



Recommended Practice for Installing

# Aluminum Building Wire and Cable

NEIS



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Jointly developed with  
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# Table of Contents

- Foreword** .....v
- 1. Scope** .....1
  - 1.1 Products and Applications Included .....1
  - 1.2 Products and Applications Excluded .....1
  - 1.3 Regulatory and Other Requirements .....1
- 2. Basic Installation Techniques** .....2
  - 2.1 General .....2
  - 2.2 Stripping Insulation .....2
  - 2.3 Connecting Aluminum Conductors .....2
  - 2.4 Pulling Aluminum Conductors in Conduits and Raceways .....3
  - 2.5 Installing Aluminum Cables in Trays and Racks .....4
  - 2.6 Minimum Bending Radii .....4
  - 2.7 Junction and Pull Boxes .....4
- 3. General Product Information** .....6
  - 3.1 Connector Types .....6
  - 3.2 Joint Compound .....8
  - 3.3 Terminal Lugs .....8
  - 3.4 Connecting Aluminum Conductors to Cooper Terminal Lugs .....10
- 4. Service Entrances Using Aluminum Cables** .....13
  - 4.1 Commercial/Industrial .....13
  - 4.2 Residential .....13
- 5. Designing with Aluminum** .....14
  - 5.1 General .....14
  - 5.2 Aluminum Conductor Ampacities and Sizes .....14
  - 5.3 Conduit Fill Requirements .....14
  - 5.4 Voltage Drop Considerations .....14
  - 5.5 Temperature Conditions .....14
  - 5.6 Moisture Conditions .....15
- 6. Type AC Aluminum Cables** .....21
  - 6.1 AC Cable Construction .....21
  - 6.2 AC Cable Applications .....22
  - 6.3 AC Cable Terminations .....22
  - 6.4 AC Cable Supports .....22

6.5	Fishing AC Cable .....	.22
6.6	AC Cable Grounding .....	.22
6.7	AC Cable Ampacities .....	.23
<b>7.</b>	<b>Type MC Cables .....</b>	<b>.24</b>
7.1	MC Cable Construction .....	.24
7.2	MC Cable Applications .....	.24
7.3	MC Cable Fittings .....	.24
7.4	MC Cable Supports .....	.24
7.5	MC Cable Grounding .....	.24
7.6	MC Cable Ampacities .....	.26
7.7	MC Cable Bending Radius .....	.26
<b>Annex A:</b>	<b>Reference Standards .....</b>	<b>.27</b>

# 1. Scope

This recommended practice describes installation procedures and design considerations for aluminum building wire and cable in residential, commercial, institutional and industrial applications not exceeding 600 volts.

## 1.1 Products and Applications Included

This publication covers aluminum alloy building wire and cable types RHH, RHW, RHW-2, THW, THW-2, THHN, THWN, THWN-2, XHHW and XHHW-2; and AC, MC, TC and SE.

## 1.2 Products and Applications Excluded

This publication does not cover aluminum alloy conductors used in electric utility applications.

## 1.3 Regulatory and Other Requirements

a) All information in this publication is intended to comply with the National Electrical Code (NFPA 70). Installers should always follow the NEC, applicable state and local codes, and manufacturers' instructions when installing aluminum building wire and cable.

Only qualified persons as defined in the NEC who are familiar with the installation of aluminum build-

ing wire and cable should perform the work described in this publication. Administrative and other tasks can be performed under the supervision of a qualified person.

Other *National Electrical Installation Standards* provide guidance for installing additional types of electrical products and systems. A complete list of *NEIS* is provided in Annex A.