



April 2, 2025

STANDARDS ACTION

NEMA Standards Action provides up-to-date information on NEMA and ANSI standards, white papers, and other documents currently in the NEMA standards development and publication process. It informs members and relevant NEMA staff about the status of specific documents in this process. Published monthly, NEMA Standards Action includes updates on newly approved projects, documents recently approved by C&S, documents open for ballot/comment, and newly published documents.

Project Initiation

Title	Designation	NEMA Staff Person	Document Type
Landscape Analysis of Solid-State Transformers	NEMA US 80067	Orr, Paul	White Paper
Fluorescent Lamps--Guide for Electrical Measures	ANSI C78.375A-2014 (S2025)	Erbesfeld, Michael	Standard
Nomenclature for Envelope Shapes Intended for Use with Electric Lamps	ANSI C78.79-2014 (S2025)	Erbesfeld, Michael	Standard
LED Lamp Specification Sheets for HID Replacement and Retrofit Applications	ANSI C78.55-2020 (R2025)	Erbesfeld, Michael	Standard
Temporal Light Artifacts	ANSI C82.77-6-202X	Erbesfeld, Michael	Standard
Cybersecurity Requirements for Lighting Systems—Parking Lots	ANSI C137.2-2019 (R2025)	Erbesfeld, Michael	Standard
Networked Open Parking Lot Lighting Systems	ANSI C137.7-2020 (R2025)	Erbesfeld, Michael	Standard
National Transportation Communications for ITS Protocol Simple Transportation Management Framework Application Profile	NTCIP 2301 v03	Doherty, Brian	Standard
National Transportation Communications for ITS Protocol Internet (TCP/IP and UDP/IP) Transport Profile	NTCIP 2202 v02	Doherty, Brian	Standard
National Transportation Communications for ITS Protocol Global Object (GO) Definitions	NTCIP 1201 v04	Doherty, Brian	Standard
Validation Analysis on the Power Index Calculation Procedure	NEMA MG 10011-1	Abbate, Daniel	Technical Report

Cable Ties Application Guide: Application Environments: Vibration	NEMA BI 50073-2025 (Previously Application Guide Vibration-2021)	Richmond, David	Guide
Cable Ties Application Guide 8: Cable Tie Installation Tools	NEMA BI 50072-2023(R2025) (Previously Application Guide 8-2023)	Richmond, David	Guide
Cable Ties Application Guide 7: Applications Environments: Exposure to Moisture	NEMA BI 50049-2025 (Previously Cable Ties Application Guide 7-2021)	Richmond, David	Guide
Cable Ties Application Guide 6: Application Considerations: Mechanical Properties	NEMA BI 50048-2025 (Previously Cable Ties Application Guide 6-2019)	Richmond, David	Guide
Cable Ties Application Guide 5: Application Environments: Flammability and Fire Effects	NEMA BI 50047-2025 (Previously Cable Ties Application Guide 5-2022)	Richmond, David	Guide
Cable Ties Application Guide 4: Application Environments: Electrical Conductor and Temperature Ratings	NEMA BI 50046-2025 (Previously Cable Ties Application Guide 4 -2021)	Richmond, David	Guide
Cable Ties Application Guide 3: Application Environments: Corrosive Atmospheres	NEMA BI 50045-2025 (Previously Cable Ties Application Guide 3-2021)	Richmond, David	Guide
Cable Ties Application Guide 1: Air Handling Spaces	NEMA BI 50044-2025 (Previously Cable Ties Application Guide 1)	Richmond, David	Guide
Data Center Resiliency and Efficiency	NEMA BS 31054	Erbesfeld, Michael	White Paper
Expansion Epoxy Based Fittings for RTRC Rigid Nonmetallic Conduit	NEMA BI 50071-2009(R2020, S2025) (Previously PRP 3-2009(R2016, R2020)	Richmond, David	Guide
Guidelines for the Selection and Installation of Smooth-Wall Coilable High Density Polyethylene (HDPE) Conduit for Trench Installation	NEMA BI 50070-202X5 (Previously NEMA TCB 4-2021)	Richmond, David	Guide
User's Manual for the Installation of Underground Corrugated Coilable Plastic Utility Duct (CCD)	NEMA 50069-2021 (R2025) (Previously TCB3-21)	Richmond, David	Guide
Guidelines for the Selection and Installation of Underground Nonmetallic Raceways	NEMA BI 50068-2017(R2025) (Previously NEMA TCB 2-2017)	Richmond, David	Guide
Nonmetallic Riser U-type Guards	NEMA BI 50067-2017(R2025) (Previously NEMA TC 19)	Richmond, David	Technical Document

Evaluating Fire- and Heat- Damaged Electrical Equipment	NEMA CS 70007-202X	Hayes, Megan	Guide
The Importance of Licensing, Permitting, and Inspection to NEMA Member Companies	NEMA CS 70010-202X	Hayes, Megan	Position Paper (Technical)
Fittings for Polyvinyl Chloride (PVC) Plastic Utilities Duct for Underground Installation	NEMA BI 50065-2025 (Previously NEMA TC 9-2020)	Richmond, David	Guide
Solid-Wall Coilable and Straight Electrical Polyethylene Conduit	NEMA BI 50064-2025	Richmond, David	Guide
Polyvinyl Chloride (PVC) Plastic Utilities Duct for Underground Installations	NEMA BI 50063-2025 (Previously TC 6 and 8 - 2020)	Richmond, David	Guide
Installation Guidelines for Surface Nonmetallic Raceway	NEMA BI 50061-2021(R2025) (Previously NEMA PRP 5-2021)	Richmond, David	Guide

Documents Open for Ballot/Comment

Title	Designation	NEMA Staff Person	Document Type
Fluorescent Lamps--Guide for Electrical Measures	ANSI C78.375A-2014 (S2025)	Erbesfeld, Michael	Standard
Nomenclature for Envelope Shapes Intended for Use with Electric Lamps	ANSI C78.79-2014 (S2025)	Erbesfeld, Michael	Standard
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National Transportation Communications for ITS Protocol Global Object (GO) Definitions	NTCIP 1201 v04	Doherty, Brian	Standard

Recently Approved Documents

Issue	C&S action	Next Steps	Staff
NEMA Advisory on the use of Absorbent Glass-Mat (AGM) Batteries for Diesel Engine Driven Fire Pumps and Controllers	Approved	Publish NEMA Advisory	Mike Leibowitz
NEMA MW 10000-2023, Magnet Wire	Approved	Submit for publication	Mike Leibowitz
Field Rep Training Module – Steel Rigid Conduit and Electrical Metallic Tubing	Approved with modifications: Adjust the slide with the Field Representatives information to include Mr. Jody Wages.	Revise module per C&S direction and provide to TFRs.	David Richmond
Field Rep Training Module – Steel Conduit Tubing Guidelines for Selection and Installation	Approved with modifications: Adjust the slide with the Field Representatives information to include Mr. Jody Wages.	Revise module per C&S direction and provide to TFRs.	David Richmond
NFPA 800 (BAT-AAA)	Approved	Apply via NFPA with C&S approval	Brian Baughman/Connor Grubbs
Energy Storage Section Request to UL 9540	Approved	Submit formal request to ULSE	Casey Granata
NEMA BI 50010-2024 with Corrections	Approved	Submit for publication	Daniel Abbate

Recently Published Documents

Title	Designation	NEMA Staff Person	Document Type
Specification for E&I components and installation Part 2: Cable laying on cable tray	NEMA BI- 50017- 2024	Richmond, David	Standard
ELECTRICITY METERING DATA EXCHANGE – THE DLMS®/COSEM SUITE – Part 5-3: DLMS®/COSEM application layer	C12 IEC62056-5-3 ED4	Orr, Paul	Standard
ELECTRICITY METERING DATA EXCHANGE – THE DLMS®/COSEM SUITE – Part 6-1: Object Identification System (OBIS)	C12 IEC 62056-6-1 ED4	Orr, Paul	Standard
Electricity metering data exchange - The DLMS/COSEM suite - Part 8-8: Communication profile for ISO/IEC 14908 series networks	C12 IEC 62056-8-8 2020 ED1	Orr, Paul	Standard
Replacing HID Lamps with LED Lamps: Light Output Equivalency Claims	NEMA LS 20037 (Formerly NEMA LL 10-2020)	Erbesfeld, Michael	Standard
Traction Motors Standards Landscape and Definitions Document	NEMA TM 40003-2024	Doherty, Brian	Guide
American National Standard for Roadway and Area Lighting Equipment - Dimming Control Between an External Locking Type Photo controller and Ballast or Driver	ANSI NEMA C136.41-2024	Willis, Karen	Standard
Network Lighting Control Systems Configuration Report	ANSI C137.9-2024	Erbesfeld, Michael	Standard
Instrument Transformers for Revenue Metering, 10 kV BIL through 350 kV BIL (0.6 kV NSV through 69 kV NSV)	ANSI NEMA C12.11-2024	Orr, Paul	Standard
American National Standard for Electric Connectors—Non-Sealed, Multiport Connector Systems Rated 600 V or Less for Aluminum and Copper Conductors	ANSI C119.6-202x	Orr, Paul	Standard