



November 3, 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
Understanding the Arrester Data Sheet	NEMA US 80010-2026	McNeece, Steve	Guide
Understanding the Energy Handling Tests of IEEE C62.11	NEMA US 80009-2026	McNeece, Steve	Guide
ANS for Insulators – Composites Suspension Type	ANSI C29.12-2026	McNeece, Steve	Standard
ANS for Insulators – Composites Test Methods	ANSI NEMA C29.11-2026	McNeece, Steve	Standard
ANS for Insulators -Wet Process Porcelain and Toughened Glass Distribution Suspension Type	ANSI NEMA C29.2A-202X	McNeece, Steve	Standard
Understanding the Energy Handling Tests of IEEE C62.11	NEMA US 80009-2026	McNeece, Steve	Guide
Standard on Tolerances for Fasteners and Hardware Used in Photovoltaic Panel Mounting Systems	NEMA US 800**-202X	Granata, Casey	Standard
Wire Management Guidance Document	NEMA US 800**-202X	Granata, Casey	Guide
Guide for Repowering & Decommissioning PV Modules	NEMA US 800**-202X	Granata, Casey	Standard
DC Microgrid Control Systems	NEMA US 800**	Granata, Casey	Guide
Standard for Use of Single-Pole DC Pin and Socket Connectors in Photovoltaic (PV) Applications	NEMA 80069-202X	Granata, Casey	Standard

The Value of Volt-VAR Technologies	NEMA US 800**-2026 (NEMA VT P1-2018)	Granata, Casey	Standard
NEMA Make It American (MIA) Product Specification— Low Voltage General Purpose Transformers	NEMA 70901-9-202x	Orr, Paul	Standard
BAP for Distributed Energy Resources Supporting IEEE 1547	NEMA US 800**-202X	Granata, Casey	Standard
Data Center Design Considerations for Uninterrupted Power Supply (UPS) Systems	NEMA LS 20040-202X	Granata, Casey	Guide
Data Center Design Considerations for Microgrid Energy Integration	NEMA US 80075-2025	Granata, Casey	Guide
Lithium-Ion Battery Fires Guidance Document	NEMA BS 30000-2026	Marchionini, Brian	Guide
Electrical submeter - Commissioning and field testing	NEMA SM31000-9	Moldoveanu, Andrei	Standard
Electric submeters - Demand metering / Time of use	NEMA SM 31000-8	Moldoveanu, Andrei	Standard
Enclosures for Electrical Equipment (1,000 Volts Maximum)	ANSI/NEMA EN 10250-2026	Abbate, Daniel	Standard
NEMA and IEC Devices for Motor Service - A Guide for Understanding the Differences	NEMA IA 10056-2026 (former ICS 2.4)	Leibowitz, Mike	Guide
Instructions for the Handling, Installation, Operation, and Maintenance Of Medium Voltage Electric Fire Pump Controllers Rated Not More Than 7200V	NEMA IA 10057-2026 (former ICS 15.1)	Leibowitz, Mike	Guide
Extruded Insulated Magnet Wire	NEMA XW 01000-2026	Leibowitz, Mike	Standard
Pulse Endurance Testing of Film-Insulated Magnet Wire	NEMA MW 10024-2026	Leibowitz, Mike	Standard
Guidelines for Safe Fluid Compatibility Testing of Magnet Wire	NEMA MW 100xx	Leibowitz, Mike	Guide
Differences Between Standard vs. Inverter-Duty Magnet Wire	NEMA MW 100xx	Leibowitz, Mike	Guide
), A NEMA Motor and Generator (IS-MG) Section Guide for Validating an Alternate Efficiency Determination Method (AEDM)	NEMA MG 10051-2026	Leibowitz, Mike	Guide
Sound Level Prediction for Installed Rotating Electrical Machines	NEMA MG 10050 (R2026)	Leibowitz, Mike	Standard
Safety Guidelines for the Application, Installation and Maintenance of Solid-State Control	NEMA IA 10045-2026 (formerly ICS 1.1)	Leibowitz, Mike	Guide
Electric Meters— Code for Electricity Metering	ANSI NEMA C12.1	Orr, Paul	Standard
Guide for Proper Use of Smoke Detectors in Duct Applications	NEMA BS 31059	Marchionini, Brian	Guide
Protocol Specification for Interfacing to Data Communication Networks	ANSI NEMA C12.22	Orr, Paul	Standard
LED Drivers with Integral Energy Management Means	ANSI NEMA C136.52-202X	Tong, Zijun	Standard
Energy Measurement for a Network Lighting Control (NLC) Device w a Locking Type Receptacle	ANSI NEMA C136.50-202X	Tong, Zijun	Standard
Tunnel Lighting and Underpass Luminaires	ANSI NEMA C136.27-202X	Tong, Zijun	Standard

Enclosed Architectural Luminaires	ANSI NEMA C136.23-202X	Tong, Zijun	Standard
Fiber Reinforced Composite (FRC) Lighting Poles	ANSI NEMA C136.20-202X	Tong, Zijun	Standard
Power Measurements Handbook	NEMA US 90072-202x	Orr, Paul	Guide
Recommended Best Practices for Grounding and Bonding of Power Systems for Data Centers.	NEMA IS 10055-202x	Orr, Paul	Technical Report
Compliance with Domestic Requirements Part 8: Industrial Control Systems	NEMA 70901-8	Richmond, David	Standard
Data Center Design Considerations for Energy Storage Systems	NEMA US 80074- 2025	Granata, Casey	Guide
Selection and Installation Guidelines for Fittings for Use with Flexible Electrical Conduit and Cable	NEMA BI 50031 (formerly FB 2.20)- 2026	Abbate, Daniel	Guide
Selection and Installation Guidelines for Fittings for Use with Flexible Electrical Conduit and Cable	NEMA BI 50031 (formerly FB 2.20) - 2026	Abbate, Daniel	Guide
Seismic Certification of Nonstructural Electrical Subcomponents by Shake-table Testing Independent of the Parent Equipment	NEMA BI-50095 (Formerly EESCTG 2)	Abbate, Daniel	Standard

Documents Open for Ballot/Comment

Title	Designation	NEMA Staff Person	Document Type
Surge Protection Devices Specification Guide for Low Voltage Power Distribution Systems	NEMA BI 50027-202X (Previously SPD1.1)	Richmond, David	Standard
NEMA Field Rep Training Module - The Evaluation of Steel Conduit and EMT as Grounding Conductors	NEMA Field Rep Training Module - The Evaluation of Steel Conduit and EMT as Grounding Conductors	Richmond, David	Presentation
Design considerations for Switchgear in data centers	NEMA US 80071-202X	Marchionini, Brian	Guide
Standard for Real-Time Health Monitoring and Analysis of Switchgear	NEMA US 80070-202X	Marchionini, Brian	Standard
Design Considerations for Wire and Cables/Conductors in Data Center Applications	NEMA WC 23008	Masri, Khaled	White Paper
Evaluating Earthquake Damaged Electrical Equipment Guide	NEMA CS 70007-2019 (R2025)	Hayes, Megan	Guide
Motors and Generators	NEMA MG 00001-2026 (Parts 1, 10, 12, 18 and 34)	Leibowitz, Mike	Standard
NEMA Position on Inverter-Only Motor Efficiency Labeling	NEMA 10017-2025	Leibowitz, Mike	Position Paper (Technical)

Recently Approved ANSI Documents

ASD Acronym	Designation	Title of Standard	Project Action
NEMA (ASC C80)	ANSI C80.6-2025	Electrical Intermediate Metal Conduit (EIMC)	(revision of ANSI C80.6-2018)

Recently Approved Documents

Issue	C&S action	Next Steps	Staff
NEMA WD 50094-2025	Approved	Submit to the Publication queue if not previously done.	Andrei Moldoveanu
OBC AFCI 073025 Presentation	Approved	Submit to the Publication queue if not previously done.	Andrei Moldoveanu
NEMA BI 50086-2019 (R2025)	Approved	Submit to the Publication queue if not previously done.	David Richmond
NEMA BI 50089-2019 (R2025)	Approved	Submit to the Publication queue if not previously done.	David Richmond
NEMA MW 01000-2025, Part 1	Approved	Submit to the Publication queue if not previously done.	Mike Leibowitz
NEMA MW 01000-2025, Part 3	Approved	Submit to the Publication queue if not previously done.	Mike Leibowitz
NEMA BI 50032 - 2025	Approved	Submit to the Publication queue if not previously done.	Daniel Abbate
NEMA BS 31057-2025	Approved	Submit to the Publication queue if not previously done.	Brian Marchionini
NEMA 70009-2025	Approved	Submit to the Publication queue if not previously done.	Megan Hayes
NEMA 70007-2019 (R2025)	Approved	Submit to the Publication queue if not previously done.	Megan Hayes
NEMA MG 10021	Withdrawal approved	Work with Kierra to withdraw the document	Mike Leibowitz
NEMA US 80072-2025	Approved	Submit to the Publication queue if not previously done.	Casey Granata

NEMA BI 50080-2025	Returned	The committee returned this document to be redistributed to the cable tie and cable cleat section for comment.	David Richmond
NEMA BI 50085-2025	Approved	Submit to the Publication queue if not previously done.	David Richmond
NEMA BI 50092-2025	Approved	Submit to the Publication queue if not previously done.	David Richmond
NEMA BI 50052-2025	Approved	Submit to the Publication queue if not previously done.	David Richmond
NEMA BI 50070-2025	Approved	Submit to the Publication queue if not previously done.	David Richmond
NEMA BI 50068-2017 (R2025)	Approved	Submit to the Publication queue if not previously done.	David Richmond
NEMA BI 50063-2025	Approved	Submit to the Publication queue if not previously done.	David Richmond
NEMA BI 50054-2025	Approved	Submit to the Publication queue if not previously done.	David Richmond
NEMA BI 50091-2015 (S2025)	Approved	Submit to the Publication queue if not previously done.	David Richmond
NEMA BI 50069-2021 (R2025)	Approved	Submit to the Publication queue if not previously done.	David Richmond
NEMA IA 10046-2025	Approved	Submit to the Publication queue if not previously done.	David Richmond
NEMA IM 60005-2025	Approved	Submit to the Publication queue if not previously done.	Khaled Masri
NEMA LS 20039-2016 (S2025)	Approved	Submit to the Publication queue if not previously done.	Michael Erbesfeld
NEMA BS 31058-2025	Approved	Submit to the Publication queue if not previously done.	Brian Machionini
ANSI/ASHRAE/NEMA Standard 201-2016 (RA 2020)	Approved Reaffirmation	Please await the official C&S statement for ASHRAE	Andrei Moldoveanu

Recently Published Documents

Title	Designation	NEMA Staff Person	Document Type
Design Considerations for Insulating Material in Data Center Applications	NEMA IM 60005-2025	Masri, Khaled	White Paper
Types of Cable Typically Used in Cable Tray	NEMA BI 50092-2025 (Previously Cable Tray Technical Bulletin No. 16-	Richmond, David	Technical Document
Guidelines for Electrical Wiring Device Replacement	NEMA WD 50094 -2025 (Previously WD 8)	Moldoveanu, Andrei	Standard
Data Center Design Considerations for Energy Storage Systems	NEMA US 80074- 2025	Granata, Casey	Guide
Cybersecurity Requirements for Lighting Systems—Parking Lots	ANSI C137.2-2019 (R2025)	Erbesfeld, Michael	Standard
Cleaning and Disinfecting Guidance for Electrical Equipment	NEMA CS 70009-202x	Hayes, Megan	Guide
Advanced Manufacturing Standards Roadmap	Advanced Manufacturing Standards Roadmap	Abbate, Daniel	Technical Report
Application Environments Exposure to Ultraviolet Light	NEMA BI 50051-2025	Richmond, David	Guide
User’s Guide to IEC 61850 Basic Application Profiles (BAPs) for Electric Utilities	NEMA US 80072-2025	Granata, Casey	Guide
Evaluating Earthquake Damaged Electrical Equipment Guide	NEMA CS 70007-2019 (R2025)	Hayes, Megan	Guide
Metal Cable Bus Systems	NEMA BI 50052-2025	Richmond, David	Guide
Elliptically Shaped, Enclosed Side-mounted Luminaires	ANSI C136.14-2025	Tong, Zijun	Standard
Extra Heavy Wall Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings	NEMA BI 50091-2015(R2020, S2025) (Previously TC 14. XW-2015(R2020))	Richmond, David	Standard
Guidelines for the Selection and Installation of Smooth-Wall Coilable High Density Polyethylene (HDPE) Conduit for Trench Installation	NEMA BI 50070-2025 (Previously NEMA TCB 4-2021)	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
Electrical Rigid Steel Conduit	ANSI NEMA C80.1-2025	Richmond, David	Standard
Membrane Penetrations in Fire-rated Wall Assemblies by Electrical Boxes and Similar Penetrating Items Code	NEMA BI 50032 - 202X	Abbate, Daniel	White Paper

Requirements, Application and Inspection Guidance			
Power Index Calculation Procedure— Standard Rating Methodology for Motors, Power Drive Systems, and Complete Drive Modules	NEMA MG 10011-2025	Leibowitz, Mike	Standard
For Electric Lamps--Assigned LED Lamp Codes	ANSI NEMA C78.50-2025	Erbesfeld, Michael	Standard
Recommended Practice--Seasoning Fluorescent Lamp Dimming Systems	NEMA LS 20039-2016 (S2025)	Erbesfeld, Michael	White Paper
Grounding Inspection of Steel and Aluminum Cable Tray Systems	NEMA BI 50087-2019(R2025) (Previously Cable Tray Technical Bulletin No. 12-2019)	Richmond, David	Technical Document
Bonding Jumpers Not Required for Standard Cable Tray Splice Plates	NEMA BI 50083-2019(R2025) (Previously Cable Tray Technical Bulletin No. 8-2019)	Richmond, David	Technical Document
Application Guide for AC Adjustable Speed Drive Systems	NEMA IS 10035-2021(R2025) (Previously NEMA ICS 7.2-2021)	Richmond, David	Guide
Cable Ties Application Guide 1: Air Handling Spaces	NEMA BI 50044-2021 (R2025) (Previously Cable Ties Application Guide 1)	Richmond, David	Guide
Expansion Epoxy Based Fittings for RTRC Rigid Nonmetallic Conduit	NEMA BI 50071-2009(R2020, S2025) (Previously PRP 3-2009(R2016, R2020)	Richmond, David	Guide
Gauges for Electric Lamp Bases and Lampholders	ANSI C81.63-2025	Erbesfeld, Michael	Standard
MIA- Grid Automation	NEMA 70901-6-2025	Granata, Casey	Standard
Portable and Power Feeder Cables for Use in Mines and Similar Applications	ICEA S-75-381/NEMA WC 23058 (previously WC 58)-202X	Masri, Khaled	Standard
Nomenclature for Envelope Shapes Intended for Use with Electric Lamps	ANSI NEMA C78.79-2014 (S2025)	Erbesfeld, Michael	Standard
Cable Ties Application Guide 5: Application Environments: Flammability and Fire Effects	NEMA BI 50047-2021(R2025) (Previously Cable Ties Application Guide 5-2022)	Richmond, David	Guide
Fluorescent Dimming Standards Development Report	NEMA LS 20032-2012 (S2025)	Erbesfeld, Michael	White Paper
LED Lamp Specification Sheets for HID Replacement and Retrofit Applications	ANSI NEMA C78.55-2020 (R2025)	Erbesfeld, Michael	Standard
Recommended Practices for T8 Rapid Start Fluorescent Lamp Dimming (17W, 25W, 32W, and 40W Lamps)	NEMA LS 20031-2012 (S2025)	Erbesfeld, Michael	White Paper
Portable Primary Cells and Batteries with Aqueous Electrolyte - General and Specifications (revision of ANSI C18.1M, Part 1-2021)	ANSI C18.1M, Part 1-2025	Masri, Khaled	Technical Document
Fluorescent Lamps--Guide for Electrical Measures	ANSI C78.375A-2014 (S2025)	Erbesfeld, Michael	Standard

FACTS Performance	NEMA US-80062-2025 (PC-FACTS Performance)	Granata, Casey	Standard
Power Quality Implications of Self-Ballasted Lamps in Residences	NEMA LS 20030-2020 (R2025)	Erbesfeld, Michael	White Paper
Measurement Methods and Performance Variation for Verification Testing of General Purpose Lamps and Systems	NEMA LS 20029-2020 (R2025)	Erbesfeld, Michael	White Paper
Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings	NEMA BI 50066-2015(R2020, S2025) (Previously NEMA TC14.BG-2015(R2020))	Richmond, David	Standard
Lampholders for Electric Lamps_	ANSI NEMA C81.62-2025	Erbesfeld, Michael	Standard
The Importance of Licensing, Permitting, and Inspection to NEMA Member Companies	NEMA FR 70015-2025	Holland, Bryan	Position Paper (Technical)
Above Ground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings	NEMA BI 50090-2015(R2020, S2025) (Previously TC 14.AG-2015(R2020))	Richmond, David	Standard
Hot-Dip Galvanized vs. Aluminum	NEMA BI 50088-2019(R2025) (Previously Cable Tray Bulletin No. 13-2019)	Richmond, David	Technical Document
Circuit Integrity of Cable Tray Wiring Systems During Natural Disasters	NEMA BI 50081-2019(R2025) (Previously Cable Tray Technical Bulletin No. 6 - 2019)	Richmond, David	Technical Document
Parallel Phase Conductors in Cable Trays Provide Copper Savings	NEMA BI 50076-2025(Previously Cable Tray Technical Bulletin No.1 - 2019)	Richmond, David	Technical Document
Cable Ties Application Guide 6: Application Considerations: Mechanical Properties	NEMA BI 50048-2019(R2025) (Previously Cable Ties Application Guide 6-2019)	Richmond, David	Guide
Guide to Application of Low-voltage Automatic Transfer Switch Equipment	NEMA IA 10042-4-2025	Leibowitz, Mike	Guide
Industrial Control and Systems Part 2: Static AC Transfer Equipment	NEMA IA 10042-2-2025	Leibowitz, Mike	Guide
Industrial Control and Systems Part 1: Transfer Switch Equipment	NEMA IA 10042-1-2025	Leibowitz, Mike	Guide
Best Practices for Metal Halide Lighting Systems Relative to Lamp Rupture Risks	NEMA LS 20033-2020 (R202X)	Erbesfeld, Michael	White Paper
Selection and Installation Guidelines for Electrical Outlet Boxes	NEMA BI 50036-2025 (Formerly OS 3)	Abbate, Daniel	Standard