



October 6, 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
Motors and Generators	NEMA MG 00001-2026 (Parts 1, 10, 12, 18 and 34)	Leibowitz, Mike	Standard
Cable Ties Application Guide 1: Air Handling Space	NEMA BI 50044-2026	Richmond, David	Guide
NEMA Position on Inverter-Only Motor Efficiency Labeling	NEMA 10017-2025	Leibowitz, Mike	Position Paper (Technical)
Partial Discharge Test Procedure (Revision of ANSI ICEA T-24-380-2025)	ICEA T-24-380-202X	Masri, Khaled	Standard
Adjustable Speed Drives	NEMA IS 10033-2026 (Previously NEMA ICS 7-2020)	Richmond, David	Guide
EV Insulating Materials Standard	NEMA IM 6000X	Masri, Khaled	Standard
Summary of US DOE Energy Conservation Regulations for Electric Motors	NEMA MG 10054-202x	Abbate, Daniel	White Paper
Recommended Best Practices for Pin and Sleeve Plug and Receptacle and Connector for Data Centers	NEMA PR 50094-202x	Tong, Zijun	Guide

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 C80.3-2025	Electrical Metallic Tubing - Steel (EMT-S)	(revision of ANSI C80.3-2020)
NEMA (ASC C82)	ANSI C82.16-2025	Light Emitting Diode Drivers - Methods of Measurement	(revision of ANSI C82.16-2023)
NEMA (ASC C8)	ANSI ICEA T-32-645-2025	Test Method for Establishing Volume Resistivity Compatibility of Water Blocking Components with Extruded Semiconducting Shield Materials	(revision of ANSI/ICEA T-32-645-2017 (R2023))
NEMA (ASC C136)	ANSI C136.14-2025	Elliptically Shaped, Enclosed Side-Mounted Luminaires	(revision of ANSI C136.14-2020)
NEMA (ASC C136)	ANSI C136.15-2025	Roadway and Area Lighting Equipment Luminaire Field Identification	(revision of ANSI C136.15-2020)
NEMA (ASC C37)	ANSI C37.55 2025	Standard for Switchgear - Medium Voltage Metal-Clad Assemblies - Conformance Test Procedures	(revision of ANSI C37.55-2020)

Recently Approved Documents

Issue	C&S action	Next Steps	Staff
NEMA BI 50037-2025 (OS 4)	Approved with editorial correction.	Ensure UL Laboratories address is correctly listed. Submit to the Publication queue.	Daniel Abbate
NEMA BI 50041-2025	Approved	Submit to the Publication queue if not previously done.	Daniel Abbate
NEMA BI 50051-2025	Approved	Submit to the Publication queue if not previously done.	David Richmond
NEMA IA 10039-2025 (old ICS 5)	Approved	Submit to the Publication queue if not previously done.	Mike Leibowitz
NEMA IA 10042-1-2025	Approved	Submit to the Publication queue if not previously done.	Mike Leibowitz
NEMA IA 10042-2-2025	Approved	Submit to the Publication queue if not previously done.	Mike Leibowitz
NEMA IA 10042-4-2025	Approved	Submit to the Publication queue if not previously done.	Mike Leibowitz
NEMA US 80016-202x	Approved	Submit to the Publication queue if not previously done.	Paul Orr
NEMA US 80051-2025	Approved	Submit to the Publication queue if not previously done.	Casey Granata
NEMA BS 31029-202X	Approved	Submit to the Publication queue if not previously done.	Zijun Tong
NEMA BS 31030-202X	Approved with editorial correction.	Edit address on final version.	Zijun Tong
NEMA BS 31032-202X	Approved	Submit to the Publication queue if not previously done.	Zijun Tong
NEMA BS 31033-202X	Approved	Submit to the Publication queue if not previously done.	Zijun Tong
NEMA Engineering Bulletin No. 113-2025	Approved	Submit to the Publication queue if not previously done.	David Richmond

NEMA BS 31006-2025	Approved	Submit to the Publication queue if not previously done.	Brian Marchionini
NEMA LS 20035-2025	Approved	Submit to the Publication queue if not previously done.	Karen Willis
NEMA WC 23005 (previously RV 4)	Approved	Submit to the Publication queue if not previously done.	Khaled Masri
NEMA WT 1-2018	Withdrawal Approved	withdraw the document	Brian Marchionini
NEMA Cable Cleat Letter to UL	Approved	Submit to UL	David Richmond

Recently Published Documents

Title	Designation	NEMA Staff Person	Document Type
Compliance with Domestic Preference Requirements, Part 5: Variable Frequency Drives and Drive Systems	NEMA 70901-5-2025	Hayes, Megan	Standard
For Electric Lamps--Assigned LED Lamp Codes	ANSI NEMA C78.50-2025	Erbesfeld, Michael	Standard
Application Guide for AC Adjustable Speed Drive Systems	NEMA IS 10035-2021(R2025) (Previously NEMA ICS 7.2-2021)	Richmond, David	Guide
Gauges for Electric Lamp Bases and Lampholders	ANSI C81.63-2025	Erbesfeld, Michael	Standard
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
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
Cable Ties Application Guide 1: Air Handling Spaces	NEMA BI 50044-2021 (R2025) (Previously Cable Ties Application Guide 1)	Richmond, David	Guide
Recommended Practice--Seasoning Fluorescent Lamp Dimming Systems	NEMA LS 20039-2016 (S2025)	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
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
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
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
Fluorescent Dimming Standards Development Report	NEMA LS 20032-2012 (S2025)	Erbesfeld, Michael	White Paper
Nomenclature for Envelope Shapes Intended for Use with Electric Lamps	ANSI NEMA C78.79-2014 (S2025)	Erbesfeld, Michael	Standard
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
Fluorescent Lamps--Guide for Electrical Measures	ANSI C78.375A-2014 (S2025)	Erbesfeld, Michael	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
FACTS Performance	NEMA US-80062-2025 (PC-FACTS Performance)	Granata, Casey	Standard
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
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
Guide to Application of Low-voltage Automatic Transfer Switch Equipment	NEMA IA 10042-4-2025	Leibowitz, Mike	Guide
Industrial Control and Systems Part 1: Transfer Switch Equipment	NEMA IA 10042-1-2025	Leibowitz, Mike	Guide

Cable Ties Application Guide 6: Application Considerations: Mechanical Properties	NEMA BI 50048-2019(R2025) (Previously Cable Ties Application Guide 6-2019)	Richmond, David	Guide
Industrial Control and Systems Part 2: Static AC Transfer Equipment	NEMA IA 10042-2-2025	Leibowitz, Mike	Guide
Best Practices for Metal Halide Lighting Systems Relative to Lamp Rupture Risks	NEMA LS 20033-2020 (R202X)	Erbesfeld, Michael	White Paper
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
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
Hot-Dip Galvanized vs. Aluminum	NEMA BI 50088-2019(R2025) (Previously Cable Tray Bulletin No. 13-2019)	Richmond, David	Technical Document
Selection and Installation Guidelines for Electrical Outlet Boxes	NEMA BI 50036-2025 (Formerly OS 3)	Abbate, Daniel	Standard