



July 7, 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*

---

<b>Title</b>	<b>Designation</b>	<b>NEMA Staff Person</b>	<b>Document Type</b>
Definitions for Fluorescent Lamps and Ballasts	ANSI C82.13-2020 (R2025)	Erbesfeld, Michael	Standard
Ballasts for High-Intensity Discharge Lamps - - Methods of Measurement	ANSI C82.6-2015 (S2025)	Erbesfeld, Michael	Standard
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
Cascade, Multi-Level or Hierarchical Transient Overvoltage Mitigation Systems	NEMA BI 50093-2026	Richmond, David	Guide
NEMA MIA Connected Building Systems	NEMA 70901-4-2025	Granata, Casey	Standard
Suspension and Post Type Insulators for Electric Power Overhead Lines General Use Information	NEMA US 80044-202X	Marchionini, Brian	Guide
Standard for Insulators - Wet Process Porcelain and Toughened Glass - Transmission Suspension Type	ANSI C29.2B-202X	Marchionini, Brian	Standard
Composite Insulators Distribution Dead-end Type	ANSI/NEMA C29.13-202X	Marchionini, Brian	Standard

Insulation Coordination with Surge Arresters	NEMA US 80046	Marchionini, Brian	White Paper
Multi-Criteria Detectors (MCD)	NEMA SB 31058-202X	Marchionini, Brian	Guide
Emergency Communications Audio Intelligibility Applications Guide	NEMA SB 31057-202X	Marchionini, Brian	Guide
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
Above Ground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings	NEMA BI 50090-2015(R2020, S2025) (Previously TC 14.AG-2015(R2020))	Richmond, David	Standard
Standard for Composite Insulators— Station Post Type	BSR/NEMA C29.19-202X	Marchionini, Brian	Standard
Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings	NEMA BI 50066-2015(R2020, S2025) (Previously NEMA TC14.BG-2015(R2020))	Richmond, David	Standard
In-Building Two-Way Emergency Responder Communications Enhancement Systems (ERCES) White Paper	NEMA BS 31056-202X	Marchionini, Brian	White Paper
Compliance with Domestic Preference Requirements, Part 5: Variable Frequency Drives and Drive Systems	NEMA 70901-5-2025	Hayes, Megan	Standard
Portable Lithium Primary Cells and Batteries - Safety Standard (revision of ANSI C18.3M, Part 2-2024)	C18.3M, Part 2-202X	Masri, Khaled	Standard
Standard for Portable Primary Cells and Batteries with Aqueous Electrolyte - Safety Standard (revision of ANSI C18.1M Part 2-2024)	C18.1M Part 2-202X	Masri, Khaled	Standard

---

*Documents Open for Ballot/Comment*

---

<b>Title</b>	<b>Designation</b>	<b>NEMA Staff Person</b>	<b>Document Type</b>
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
Harmonics Requirements for Products in North American Public Networks	IA 10047-2025 (Previously IS07-2019)	Richmond, David	Technical Document
Position Paper on UL 1741 & IEEE 1547, Particularly Addressing Regeneration	IA 10046-2025(Previously Position Paper on UL 1741 & IEEE 1547, Particularly Addressing Regeneration-2014)	Richmond, David	Position Paper (Technical)
New UL Variable-Frequency Drive Standard and Its Effects on Unit Short Circuit Rating	IA 10045-2025 (Previously New UL Variable-Frequency Drive Standard and Its Effects on Unit Short Circuit Rating - 2015)	Richmond, David	Position Paper (Technical)
Types of Cable Typically Used in Cable Tray	NEMA BI 50092-2025(Previously Cable Tray Technical Bulletin No. 16-	Richmond, David	Technical Document
Cable Tray Grounding: Electrical and Non-Power Conductors	NEMA BI 50089-2025(Previously Cable Tray Technical Bulletin No. 15-2017)	Richmond, David	Technical Document
Equipment Grounding Conductors for Cable Tray Systems	NEMA BI 50086-2019(R2025) (Previously Cable Tray Technical Bulletin 11-2019)	Richmond, David	Technical Document
Cable Tray Systems in Duct, Plenums and Other Air Handling Space	NEMA BI 50085-2025(Previously Cable Tray Technical Bulletin No. 10-2019)	Richmond, David	Technical Document
Cable Tray Wiring Systems Have Many Cost Advantages	NEMA BI 50084-2019(R2025) (Previously Cable Tray Technical Bulletin No.9-2019)	Richmond, David	Technical Document
Membrane Penetrations in Fire-rated Wall Assemblies by Electrical Boxes and Similar Penetrating Items Code Requirements, Application and Inspection Guidance	NEMA BI 50032-202X	Abbate, Daniel	White Paper
NEMA MIA Connected Building Systems	NEMA 70901-4-2025	Granata, Casey	Standard

---

*Recently Approved ANSI Documents*

---

<b>ASD Acronym</b>	<b>Designation</b>	<b>Title of Standard</b>	<b>Project Action</b>
NEMA (ASC C136)	ANSI C136.13-2025	Roadway and Area Lighting Equipment - Metal Brackets for Wood Poles	(revision of ANSI C136.13-2020)
NEMA (ASC C136)	ANSI C136.35-2025	Locking-Type Power Taps (LTPT)	(revision of ANSI C136.35-2020)
NEMA (ASC C136)	ANSI C136.49-2021 (R2025)	Standard for Roadway and Area Lighting Equipment - Plasma Lighting	(reaffirmation of ANSI C136.49-2021)

---

*Recently Approved Documents*

---

<b>Issue</b>	<b>C&amp;S action</b>	<b>Next Steps</b>	<b>Staff</b>
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
Interoperability of LED drivers with digital addressable lighting interface and other connected devices	ANSI NEMA C137.4-2025	Erbesfeld, Michael	Standard
Electric Arc-Welding Power Sources	NEMA AW 10046-1988 (R2025)	Masri, Khaled	Standard
The Importance of Proper Safety Certifications for Lighting Products	NEMA LS 20035-2025	Willis, Karen	White Paper
Residential Controls—Electrical Wall-Mounted Room Thermostats	NEMA BS 31032-202X	Tong, Zijun	Standard
Residential Controls – Surface-Type Controls for Electric Storage Water Heaters	NEMA BS 31033-202X	Tong, Zijun	Standard
Meter Socket Adapters	NEMA US 80016-202x	Orr, Paul	White Paper
Portable Nickel Rechargeable Cells and Batteries—General and Specifications	ANSI NEMA C18.2M, Part 1-2025	Masri, Khaled	Standard
American National Standard for Roadway and Area Lighting Equipment - Luminaire Four Pin Extension Module and Receptacle - Physical and Electrical Interchangeability and Tests	ANSI NEMA C136.58-202X	Tong, Zijun	Standard
Electric Submeter – Additional Measurements Accuracy	SM31000-4-2025	Moldoveanu, Andrei	Standard
Supplement to NEMA MW 1000-2023	NEMA MW 1000-2023 Supplement	Leibowitz, Mike	Technical Document
Screw Attachments to Electrical Boxes - Guidelines for Screw Substitution	NEMA BI-50041-2025	Abbate, Daniel	Engineering Bulletin
American National Standard for Roadway and Area Lighting Equipment—Plasma Lighting	C136.49-2021(R202X)	Tong, Zijun	Standard
Metal-Enclosed Low-Voltage AC Power Circuit Breaker Switchgear Assemblies - Conformance Test Procedures.	C37.51-2018 (R202X)	Marchionini, Brian	Standard
Indoor AC Medium-Voltage Switches for Use in Metal-Enclosed Switchgear Conformance Test Procedures	C37.58-2020 (R202x)	Marchionini, Brian	Standard

Traffic Control Systems (Not Recommended for New Designs)	NEMA TS 40001-1989 (R2000, R2005, R2010, R2019)	Doherty, Brian	Standard
Calendared Aramid Papers Used for Electrical Insulation	NEMA IM 60004-2025	Masri, Khaled	Standard