



November 2024

**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</b>	<b>Document Type</b>
Steel Rigid Conduit and Electrical Metallic Tubing	Field Rep Training Module	Richmond, David	Presentation
Steel Conduit and Tubing Guidelines for Selection and Installation	Field Rep Training Module	Richmond, David	Presentation
Metal Cable Bus Systems	NEMA BI 50052-2025	Richmond, David	Guide
Supplement to NEMA MW 1000-2023	NEMA MW 1000-2023 Supplement	Leibowitz, Mike	Technical Document
Installation Guidelines for Expansion and Expansion/Deflection Fittings	NEMA BI 50050 (formerly FB 2.40)-202X	Abbate, Daniel	Guide
Electric Arc-Welding Power Sources	NEMA EW 1	Masri, Khaled	Standard
American National Standard for Switchgear— Low Voltage AC Power Circuit Breakers Used in Enclosures— Test Procedures	ANSI NEMA C37.50-2018 (R202X)	Crampton, Paul	Standard
For Electric Lamps--Assigned LED Lamp Codes	ANSI C78.50-202X	Erbesfeld, Michael	Standard
Enclosure FAQ - IP69 and IP69K-2024	NEMA BI-50023-2024	Abbate, Daniel	White Paper
NEMA UL vs IEC 62208 Type Enclosure Comparison	NEMA BI-50022-2024	Abbate, Daniel	White Paper
Insight into NEMA, UL, and CSA Enclosure Ratings and Enclosure Code Requirements	NEMA BI-50042-2025	Richmond, David	Technical Document
Screw Attachments to Electrical Boxes - Guidelines for Screw Substitution	NEMA BI-50041-2025	Abbate, Daniel	Engineering Bulletin

---

*Documents Open for Ballot/Comment*

---

<b>Title</b>	<b>Designation</b>	<b>NEMA Staff</b>	<b>Document Type</b>
An Analysis of Electric Buses	NEMA EAV 400012-2024	Doherty, Brian	White Paper
Control Circuit and Pilot Devices	NEMA IA 10039-2025 (old ICS 5)	Leibowitz, Mike	Standard
Aerospace and Industrial Electrical Cable	NEMA WC 27500-202X	Masri, Khaled	Standard
Magnet Wire	NEMA MW 10000-2025	Leibowitz, Mike	Standard
Supplement to NEMA MW 1000-2023	NEMA MW 1000-2023 Supplement	Leibowitz, Mike	Technical Document
Guide for Handling and Maintenance of Alerting Current Outdoor High-Voltage Circuit Breakers	NEMA SG 80038 202X	Crampton, Paul	Guide
Insight into NEMA, UL, and CSA Enclosure Ratings and Enclosure Code Requirements	NEMA BI-50042-2025	Richmond, David	Technical Document
American National Standard for Switchgear— Low Voltage AC Power Circuit Breakers Used in Enclosures— Test Procedures	C37.50-2018 (R202X)	Crampton, Paul	Standard
Metal-Enclosed Low-Voltage AC Power Circuit Breaker Switchgear Assemblies - Conformance Test Procedures.	C37.51-2018 (R202X)	Crampton, Paul	Standard
For Electric Lamps—LED (Light Emitting Diode) Lamps— Method of Designation	ANSI C78.51-202X	Erbesfeld, Michael	Standard
Fluorescent Dimming Standards Development Report	NEMA LS 20032-2012 (S2024)	Erbesfeld, Michael	White Paper
Recommended Practices for T8 Rapid Start Fluorescent Lamp Dimming (17W, 25W, 32W, and 40W Lamps)	NEMA LS 20031-2012 (S2024)	Erbesfeld, Michael	White Paper
Power Quality Implications of Self-Ballasted Lamps in Residences	NEMA LS 20030-2020 (R2024)	Erbesfeld, Michael	White Paper
Measurement Methods and Performance Variation for Verification Testing of General Purpose Lamps and Systems	NEMA LS 20029-2020 (R2024)	Erbesfeld, Michael	White Paper
Calendared Aramid Papers Used for Electrical Insulation	NEMA IM 60004-202X	Masri, Khaled	Standard
Lighting Controls Industry Definitions	NEMA LS 20038-202X	Erbesfeld, Michael	White Paper
Network Lighting Control Systems Configuration Report	ANSI C137.9-202X	Erbesfeld, Michael	Standard

---

*Recently Approved Documents*

---

<b>Issue</b>	<b>C&amp;S action</b>	<b>Next Steps</b>	<b>NEMA Staff</b>
NEMA IA 10028-2024	Approve	Submit for publication	Mike Leibowitz/David Richmond
NEMA LS 20037-202x	Approve	Submit for publication	Michael Erbesfeld/Karen Willis
IIC 1 v05	Information	Submit for publication	Brian Doherty
NEMA SG 80048-2009 (R2024)	Approve	Submit for publication	Paul Crampton
NTCIP 1218 v01A	Approve	Submit for publication	Brian Doherty
CWZ Standard	Approve	Submit for publication	Brian Doherty
NEMA TS 40010-202x	Approve	Submit for publication	Brian Doherty
NEMA WC 23004-2024	Approve	Submit for publication	Khaled Masri
NEMA BI 50022-2024	Approve	Submit for publication	Danny Abbate
NEMA BI 50023-2024	Approve	Submit for publication	Danny Abbate
NEMA LS 20028-2024 (formerly LSD-65-2019)	Approve	Submit for publication	Michael Erbesfeld/Karen Willis
NEMA MG 10021-202X	Approve extension	Submit for publication	Mike Leibowitz
NEMA BI 50033-2024	Approve	Submit for publication	Andrei Moldoveanu

---

*Recently Published Documents*

---

<b>Title</b>	<b>Designation</b>	<b>NEMA Staff</b>	<b>Document Type</b>	<b>Publication Type</b>
Seismic Certification Criteria for Nonstructural Electrical Components for Commercial Building Code Applications	NEMA BI 50010-2024	Abbate, Daniel	Standard	New
Enclosure FAQ - IP69 and IP69K-2024	NEMA BI-50023-2024	Abbate, Daniel	White Paper	Technical Revision
Best in Class Roadmap for Resilient Distribution Systems	NEMA US 80058-2024 (Formerly RR P1-2019)	Granata, Casey	Guide	Reaffirmation
NEMA UL vs IEC 62208 Type Enclosure Comparison	NEMA BI-50022-2024	Abbate, Daniel	White Paper	New
Standard for Category 6 and 6A, 100 Ohm, Individually Unshielded Twisted Pairs, Indoor Cables (With or Without an Overall Shield) for Use in LAN Communication Wiring Systems	ANSI NEMA WC 66/ICEA S-116-732 (R2024)	Masri, Khaled	Standard	Reaffirmation
Vandal Shields	C136.34-2020(R202X)	Willis, Karen	Standard	Reaffirmation
Safety Considerations for Residential Transfer Equipment and Residential Transfer Switches	NEMA IA 10042-3-2024	Leibowitz, Mike	White Paper	Technical Revision
Compliance with Domestic Preference Requirements	NEMA 70901-2024	Hayes, Megan	Standard	New
Digital Imaging and Communications in Security Information Object Definitions	NEMA IIC 1 v05-2024	Doherty, Brian	Standard	Technical Revision
Product Guide for Transformers Connected to Inverters	NEMA US 80042-2024	Orr, Paul	Guide	New