



August 5, 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
American National Standard for Electric Power Systems and Equipment—Voltage Ratings (60 Hz)	ANSI/NEMA C84.1 2025	Marchionini, Brian	Standard
For Lighting Equipment -- Inrush Current Performance Testing	ANSI C82.77-410-202X	Erbesfeld, Michael	Standard
Adjustable Speed Electrical Power Drive Systems Part 3: EMC requirements and specific test methods for PDS and machine tools	NEMA 61800-3-2022	Richmond, David	Standard
MIA- Grid Automation	NEMA 70901-6-2025	Granata, Casey	Standard
In-Building Two-Way Emergency Responder Communications Enhancement Systems (ERCES) White Paper	NEMA BS 31055-2025	Marchionini, Brian	White Paper
Recommended Practice--Seasoning Fluorescent Lamp Dimming Systems	NEMA LS 20039-2016 (S202X)	Erbesfeld, Michael	White Paper
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

Documents Open for Ballot/Comment

Title	Designation	NEMA Staff Person	Document Type
American National Standard for Electric Power Systems and Equipment—Voltage Ratings (60 Hz)	ANSI/NEMA C84.1 2025	Marchionini, Brian	Standard
Recommended Practice--Seasoning Fluorescent Lamp Dimming Systems	NEMA LS 20039-2016 (S202X)	Erbesfeld, Michael	White Paper
Emergency Communications Audio Intelligibility Applications Guide	NEMA SB 31057-202X	Marchionini, Brian	Guide
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
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
Voltage Dips and Interruptions	ANSI C82.77-7-202X	Erbesfeld, Michael	Standard
Tie Down Practices for Multiconductor Cables in Cable Trays	NEMA BI 50080-2025(Previously Cable Tray Technical Bulletin No. 5-2019)	Richmond, David	Technical Document

Electromagnetic Compatibility (EMC) Testing and Measurement Techniques— Radiated, Radio-Frequency Electromagnetic Field Immunity Test	ANSI C82.77-3-202X	Erbesfeld, Michael	Standard
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Recently Approved ANSI Documents

ASD Acronym	Designation	Title of Standard	Project Action
NEMA (ASC C80)	ANSI NEMA 61800-3-2025	Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods for PDS and machine tools	(identical national adoption of IEC 61800-3 2022)
NEMA (ASC C81)	ANSI C81.61-2025	Electric Lamp Bases - Specifications for Bases (Caps) for Electric Lamps	(revision of ANSI C81.61-2023)
NEMA (ASC C81)	ANSI C81.62-2025	Electric Lampholders	(revision of ANSI C81.62-2019)
NEMA (ASC C81)	ANSI C81.63-2025	Gauges for Electric Lamp Bases and Lampholders	(revision of ANSI C81.63-2019)
NEMA (ASC C8)	ANSI ICEA T-27-581/NEMA WC 23053-2025	Standard Test Methods for Extruded Dielectric Power, Control, Instrumentation, and Portable Cables for Test	(revision and redesignation of ANSI/NEMA WC 53/ICEA T-27-581-2020)
NEMA (ASC C82)	ANSI C82.13-2020 (R2025)	Standard for Lamp Ballasts - Definitions for Fluorescent Lamps and Ballasts	(reaffirmation of ANSI C82.13-2020)
NEMA (ASC C82)	ANSI C82.6-2015 (S2025)	Standard for Lamp Ballasts - Ballasts for High-Intensity Discharge Lamps - Methods of Measurement	(stabilized maintenance of ANSI C82.6-2015 (R2020))
NEMA (ASC C78)	ANSI C78.375A-2014 (S2025)	Electric Lamps - Fluorescent Lamps - Guide for Electrical Measures	(stabilized maintenance of ANSI C78.375A-2014 (R2020))
NEMA (ASC C78)	ANSI C78.79-2014 (S2025)	Electric Lamps - Nomenclature for Envelope Shapes Intended for Use with Electric Lamps	(stabilized maintenance of ANSI C78.79-2014 (R2020))
NEMA (ASC C8)	ANSI ICEA T-34-664-2025	Test Method for Conducting Longitudinal Water Penetration Resistance Tests on Longitudinal Water Blocked Cables	(revision of ANSI ICEA T-34-664-2018)

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
NEMA Make It American (MIA) Product Specification High-and Medium- Voltage Distribution Equipment	NEMA 70901-3-2025	Orr, Paul	Standard
Residential Controls – Line-Voltage Integrally Mounted Thermostats for Electric Heaters	NEMA BS 31030-202X	Tong, Zijun	Standard
Residential Controls–Hot-water Immersion Controls	NEMA BS 31029-202X	Tong, Zijun	Standard
Electrical Submeter—General Requirements	ANSI/NEMA SM 31000-1 (ESM1-1)	Moldoveanu, Andrei	Standard
Application and Installation Guidelines for Service-Entrance Cable	NEMA WC 23005 -2025 (previously RV 4)	Masri, Khaled	Guide
Interoperability of LED drivers with digital addressable lighting interface and other connected devices	ANSI/NEMA C137.4-2025	Erbesfeld, Michael	Standard