

Membership in NEMA

The Association of Electrical and Medical Imaging Equipment Manufacturers

Corporations, firms, and individuals actively engaged in the manufacture in the United States, Canada or Mexico, for sale in the U.S. open market, of any electrical product within the product scope of one or more product sections of the association are eligible for membership under the terms and conditions described in the NEMA Bylaws.

A company is eligible for membership if it engineers, produces in whole or in part, or effects some substantial physical changes to an electrical product for sale in the U.S. open market and included in the association's product scope description. Application for membership must be made in writing and must specify at least one product section of the association for which applicant claims eligibility. Upon approval of the membership application by the NEMA Board of Governors, the new member affiliates with the product section(s) specified on the application and may affiliate with other sections for which it claims eligibility in accordance with the NEMA Bylaws.

Companies that do not manufacture in the United States, Mexico, or Canada, may be admitted to membership by the Board of Governors under such rules and regulations as the Board may, from time to time, determine.

Please complete all of the following items that apply.

Company Information

Individual Name:	
Company Name:	
Headquarters Address:	
City:	State/Province:
Zip/Postal Code:	Country:
Telephone:	Fax:
Website:	
Is your company: <input type="checkbox"/> Wholly owned subsidiary of	
<input type="checkbox"/> Business Unit of	
<input type="checkbox"/> Division of	

Names and locations of plants: Please list at least one manufacturing plant or Design/Engineer Facility in North America where you produce products that qualify your company for membership as described.



Association Member Voting Representative - This person is the most senior level contact between NEMA and the company. This person may also be the Section Level Voting Representative. Among other things, this person will receive communications from the NEMA Board of Governors, the NEMA president, and the president's office, and will receive the NEMA dues billing. There is to be only one association member voting representative per company.

Name:		
Title:		
Address:		
City:		State/Province:
Zip/Postal Code:	Country:	
Telephone:	Fax:	E-Mail:

Section Voting Representative - This position is for the individual who will participate in the section and has voting rights for the company. This individual will be responsible for representing the company's business interests in various NEMA forums. For each section affiliation, a member has one voting representative and that same individual may be the voting representative for multiple sections. If different individuals participate in different sections as a voting representative, please attach a separate sheet with name, contact information, and the section name.

Name:		
Title:		
Address:		
City:		State/Province:
Zip/Postal Code:	Country:	
Telephone:	Fax:	E-Mail:

Section Alternate Representative - This position is for an individual who will participate in the section and serve as the voting representative should the section voting representative choose not to vote or otherwise be unavailable. For each section affiliation, the same individual may be the alternate representative for multiple sections.

Name:		
Title:		
Address:		
City:		State/Province:
Zip/Postal Code:	Country:	
Telephone:	Fax:	E-Mail:

Sections - Choose the section(s) by checking the box then indicate which products your company manufactures.

INDUSTRIAL AUTOMATION DIVISION

CARBON/MANUFACTURED GRAPHITE SECTION

Electrodes Group

- Graphite electrodes
- Cathodes
- Open arc electrodes
- Gouging and welding rods
- Plates and parts
- Electrical discharge machining electrodes
- Electrochemical anodes
- Electrolytic anodes
- Grounding anodes
- Heating rods
- Powdered graphite
- Spectroscopic materials

Electrical Components Group

- Brushes and contacts
- Plates for electrical use
- Rectifier anodes
- Rheostat discs
- Telephone parts
- Lighting arresters
- Pantograph parts
- Brush holders

Mechanical Products Group

- Bearings
- Seals
- Rings
- Valve parts and seats
- Friction Parts (brakes)
- Rupture discs
- Piston rings
- Turbine packing rings
- Pistons
- Check parts
- Pipe slides
- Dash pots
- Compressor vanes and rotors
- End Plates
- Graphite lubricants
- Refractory coated graphite

ARC WELDING SECTION

Electric Arc Welding Power Sources (rotating or stationary) and plasma welding and cutting power sources (and all associated control equipment)

- Single-phase transformers or transformer-rectifier
- Polyphase transformer or transformer-rectifier
- DC-generator
- AC-generator or AC-generator with rectifier
- Plasma welding and cutting machine
- Automatic/manual devices to feed continuous electrode wire (includes gun welders)
- Stick electrode holders and repair parts

INDUSTRIAL AUTOMATION CONTROL PRODUCTS AND SYSTEMS SECTION

- Adjustable Speed Drive Systems
- Analog-Digital Converters and Transducers
- Automatic Transfer Switches
- Autotransformers and Reactors
- Communications Networks and Devices
- Controls Circuits and Control Devices
- Control Panels
- Digital Display Devices
- Distributed Control Systems
- Drum Switches
- Electromechanical and Solid-State Contactors
- Fire Pump Controls
- Indicating Lights
- Industrial Computers
- Industrial Control Software
- Logic Devices
- Medium Voltage Controllers
- Motion Control
 - Amplifiers
 - Resolvers and encoders
 - Servo and stepper motors
- Motor Controllers
- Motor Control Devices
- Overload Devices
- Photoelectric Relays
- Programmable Controllers
- Register and Synchronizing Controls
- Relays and Controllers
- Rheostats and Resistors
- Solenoids
- Starters
- Switches
 - Limit
 - Liquid Level
 - Pressure
 - Safety
 - Speed
 - Temperature
 - Vacuum
- System Elements
 - Computer elements
 - Encoders
 - Gauging equipment
 - Man-machine interface devices
 - Operational amplifiers
 - Sensors and transmitters
 - Tape readers
 - Software
 - Systems integration services
- Terminal Blocks
- Timers

MOTOR AND GENERATOR SECTION

- Large AC Machines (>501 hp)
- Large DC Machines (>501 hp)
- Medium AC Machines (1-500 hp)
- Medium DC Machines (1-500 hp)
- Fractional HP Motors (under 1 hp)

POWER ELECTRONICS SECTION

Uninterruptible Power Systems

- Static electrical power conversion equipment
 - Single-Phase
 - 250VA to 500VA
 - Above 501VA to 1000VA
 - Above 1kVA to 6kVA
 - Above 6kVA
 - Three-Phase
 - 30kVA and below
 - Above 30kVA
- Flywheel energy storage systems
- Power conversion equipment used in Low Voltage Energy Producing Systems
- Voltage Regulators (low voltage)
 - Active filters
 - Dynamic voltage restorers
 - Active power factor correction circuits
- Battery Charger (Cycle Type) - commercial and industrial

LIGHTING SYSTEMS DIVISION

BALLAST SECTION

- Electronic and electromagnetic
 - Fluorescent
 - High Intensity discharge (HID)
 - Low-pressure sodium (LPS)
- Transformers/Devices for low voltage filament lighting
- Light emitting diode (LED) drive circuits and microwave power supplies for electrodeless lamps

EMERGENCY LIGHTING SECTION

- Exit signs
- Emergency lights

LIGHTING CONTROLS SECTION

- Control devices (non power current carrying)
- Programmable master lighting controllers
- Light sensors
- Occupancy sensors
- Manual override sensors
 - On/off controls
 - Light level controls
 - "Scene select" controls
- Lighting Controls Protocols
 - DALI controls protocol
- Gateways between Lighting Controls Protocols and Building Management Protocols
- Existing and emerging lighting controls technologies
 - Wireless
 - Power line carrier control of lighting systems

LUMINAIRE SECTION

Indoor Lighting

- Fluorescent lighting
- HID lighting
- Incandescent lighting

Outdoor Lighting

Roadway lighting

- Architectural type fixtures
- Cobra head fixtures
- High mast fixtures
- Specialty Roadway fixtures
 - LPS roadway fixtures
 - Deep setback roadway fixtures
- Dusk to dawn fixtures
- Fluorescent roadway fixtures
- Luminaire supports
- Photoelectric street lighting control devices

Area lighting

- Architectural large area fixtures
- Small area fixtures
- Garden, patio, yard fixtures
- Attachments, accessories, and renewal parts

Floodlighting

- General and heavy-duty floodlighting fixtures
- Sports lighting fixtures
- R and PAR type fixture
- Quartz lighting fixtures
- Attachments, accessories, and renewal parts

Specialty lighting

- Sign lighting
- Service station lighting
- Underwater fountain lighting
- Pool lighting
- Loading dock lighting
- Adverse Location Lighting
- Hazardous location fixtures
- Marine duty location fixtures

Remote Illumination Lighting

- Illuminators
- Couplers
- Optical fibers
- Light guides
- Fittings
- Related optical devices

LAMP SECTION

- Large incandescent lamps
- Projection lamps
- Three-way lamps
- Reflector and PAR lamps
- Infrared lamps
- Tungsten halogen lamps
- Decorative lamps
- Special-purpose incandescent lamps
- Miniature and subminiature incandescent lamps
- Sealed beam lamps
- Fluorescent lamps
- Compact fluorescent lamps
- General lighting high intensity discharge lamps

- UV and miscellaneous electric discharge lamps

- Lamps for holiday lighting

SOLID STATE LIGHTING SECTION

Semiconductor Light Sources

- Light Emitting Diodes (LEDs)
- Laser Diodes
- Organic LEDs
- Other semiconductor light sources

Solid State Lighting Devices

- Fixtures
- Luminaires and associated hardware
- Power supplies
- Mechanical and electronic controls
- Software for operation or control

ELECTRONICS DIVISION

DRY BATTERY SECTION

Primary dry cell

- Primary leclanche
- Alkaline primary
- Lithium type

Portable rechargeable

- Sealed nickel cadmium
- Lithium
- Other (zinc air, nickel metal hydride)
- Certain portable electric lighting devices

RESIDENTIAL CONTROLS SECTION

- Automatic household controls
- Heating/air-conditioning/refrigeration panels
- Inherent overload protective devices
- Programming sequencing devices
- Relays
- Transformers

MERCURY SWITCH SECTION

SIGNALING PROTECTION AND COMMUNICATION SECTION

Notification Devices

- Audible alarm devices
- Visible alarm devices

Automatic Detectors (system, single and multiple station)

- Heat detection devices
- Smoke detecting devices
- Flame detecting devices
- Gas detecting devices

Fire protective Signaling Systems, Devices and Accessories Group

- Automatic sprinklers and supervisory panels

Health Care Communications and Emergency Call Systems Group

- Doctor paging
- Nurse call
- Room monitoring
- Associated devices and accessories

CO Detector Group

- Gas Detectors
- Electrical signaling systems for intrusion detection and or access control, including associated devices and accessories
- Paging systems, devices, or accessories, including coded sound and visual type
- Manually operated contact devices used as accessories or components of products (Covered with this section scope.)
- Clock and program systems
- Audible and Visible appliances (Nonfire or nurse call systems)

TRANSPORTATION MANAGEMENT SYSTEMS AND ASSOCIATED CONTROL DEVICES SECTION

- Transportation control center management software and software utilities
- Intersection (and other roadside device) controller hardware and software
- Dynamic Message Sign (all types of VMS and CMS) hardware and software
- NTCIP-conforming control software
- Transportation vehicle sensor systems and components (loops, video, and other technologies)
- Roadside control cabinets, enclosures, components, and subassemblies

SECURITY IMAGING AND COMMUNICATIONS DIVISION

INDUSTRIAL IMAGING AND COMMUNICATION

BUILDING SYSTEMS DIVISION

CABLE TRAY SECTION

Metal Cable Trays

- Ladder type
- Trough-type
- Channel-type
- Single rail type
- Wire mesh/basket type
- Other cable tray systems

Non-Metallic Cable Trays

- Ladder type
- Trough type
- Other cable tray systems

ENCLOSURES SECTION

- Enclosures, 250 types
 - Non-hazardous locations, Types: 1, 2, 3, 3R, 3S, 3X, 3RX, 3SX, 4, 4X, 5, 6, 6P, 12 12K, 13
 - Hazardous locations, Types: 7, 8, 9, 10

- Grounding devices
 - Control circuits
 - Contactor
 - Pushbutton
 - Starter
 - Wireways
 - Troughs
 - Telephone cabinets
 - Auxiliary gutters and enclosures
 - Electrical and Electronic
 - Boxes
 - Cutout
 - Junction
 - Pull
 - Terminal
 - Cases (electrical and electronic)
 - Consoles (electrical and electronic)
 - Distribution boards
 - Housings
 - Instruments
 - Meter
 - Relay
 - Control panels
 - Panel boards
 - Pressurization and Purging Equipment and Systems
- CONDUIT FITTINGS SECTION**
- Fittings and accessories
 - Cast outlet boxes, covers and cover gaskets
 - Conduit and cable straps and hardware
- FUSE SECTION**
- Non-renewable plug
 - Non-renewable cartridge fuses (not exceeding 1000V ac, 1200V dc or less)
 - Renewable cartridge fuses and renewal links or elements (600 V or less)
 - Fuse blocks
 - Fuse holders
- HEALTH CARE FACILITY EQUIPMENT SECTION**
- HIGH PERFORMANCE BUILDING COUNCIL**
- LOW VOLTAGE DISTRIBUTION EQUIPMENT SECTION**
- Molded Case Circuit Breakers Product Group**
- Thermal-Magnetic
 - Electronic trip
 - Insulated case
 - Current limiting
 - Molded case switches
- Panelboards and Distribution Boards Product Group**
- Panelboards and enclosing cabinets
 - Enclosed panelboards units
 - Distribution switchboards
- Enclosed distribution board units
 - Theater control boards
 - Load Center Equipment
 - Fusible load center equipment
 - Circuit breakers load center equipment
 - Watt-hour meter sockets and service entrance devices
 - Equipment ground fault protective devices
- Switches Product Group**
- Disconnecting and isolating switches (Safety switches)
 - Bolted pressure contact switches
 - High pressure butt contact switches
 - Pull out switches
- Busway Product Group**
- Feeder busways
 - Plug-in busways
 - Busways accessories
- OUTLET AND SWITCH BOX SECTION**
- Metallic Outlet and Switch Boxes**
- Cable
 - Conduit bodies
 - Concrete
 - Floor
 - Multiple Gang
 - Outlet
 - Ceiling
- Nonmetallic Outlet and Switch Boxes**
- Cable
 - Concrete
 - Floor
 - Outlet
 - Switch
 - Utility
- Box accessories**
- Extension rings
 - Bar hangers
 - Box extenders and covers
- GROUND FAULT PERSONNEL PROTECTION SECTION**
- Ground fault circuit interrupters (GFCI)
 - Circuit breakers GFCI
 - Portable and cord-connected GFCI
 - Receptacle type GFCI
 - Other GFCI
 - Personnel protection for electric vehicles
 - Other personnel protection: ALCI, IDCI, etc.
- PIN AND SLEEVE PLUG, RECEPTACLE AND CONNECTOR SECTION**
- Pin and sleeve connections for power (ac and dc)
 - Pin and sleeve connections for control (ac and dc)
 - Pin and sleeve connections for signaling (ac and dc)
- STEEL RIGID CONDUIT AND ELECTRICAL METALLIC TUBING SECTION**
- Steel Conduit**
- Elbows, couplings, and nipples
 - Electrical metallic tubing
 - Galvanized rigid conduit
 - Intermediate metal conduit
 - PVC coated steel conduit
 - Steel electrical metallic tubing and elbows
- POLYMER RACEWAY PRODUCTS SECTION**
- Thermoplastic Raceway (PCV, polyethylene, polyolefin)**
- Elbows
 - Conduit bodies
 - Fittings
 - Boxes
 - Raceways accessories (including polymer underfloor)
- Thermoset Raceway (fiberglass)**
- Elbows
 - Conduit bodies
 - Fittings
 - Boxes
 - Raceways accessories
- Polymer Guards**
- Anti-climbing
 - Guy
 - Pole hub
 - Ground wire
 - Riser cables
 - Tree and u-cable
- Surface metal raceway and strut-type channel raceway
- LOW VOLTAGE SURGE PROTECTIVE DEVICES SECTION**
- WIRING DEVICE SECTION**
- Current-Carrying Wiring Devices**
- Lampholders**
- Incandescent
 - Fluorescent
 - All other lampholders
- Convenience and power outlets**
- Attachments plug caps and flanged inlets
 - Connector bodies and flanged outlets
- Lighting Control Devices**
- Dimmers switches
 - Touch switches
 - Remote control switches
 - Motion sensing switches
 - Timer switches
 - Multiple outlet assemblies
 - Surface extensions
- Non-Current carrying wiring devices and supplies

- Undercarpet Premise Wiring Systems**
 - Flat conductor power cable
 - Undercarpet telephone and data cable
 - Associated shielding
 - Connectors
 - Terminators
 - Adapters
 - Boxes and devices

INSULATING MATERIALS DIVISION

INSULATING MATERIALS SECTION

- Flexible Insulation And Mica Group**
 - Resins in combination with solvents, additives fillers, reinforcing materials and curing agents
 - Synthetic organic resins/polymer and hardeners/thermoset and thermoplastics
- Industrial Laminate Group**
 - Electromechanical laminates
 - Electronics laminates
 - Custom molded part (thermoset)
 - Molding compounds (thermoset)
 - Protruded shapes (thermoset)
 - Sheet (thermoset) glass reinforced
- Electrical Insulating Resins Group**
 - Synthetic Organic Resins Group**
 - Resins/polymers and hardeners
 - Resin Combinations Group**
 - Solvent
 - Additives
 - Fillers
 - Reinforcing materials
 - Curing agents
- Electrical Tubing And Sleeveing Group**
 - Flexible and semi-rigid
 - Fabric-based plastic and rubber
 - Heat shrinkable tubing
 - Spiral wound tubing
 - Coated electrical Sleeveing

DECORATIVE LAMINATE SECTION

- Electrical tape, pressure sensitive

MAGNET WIRE SECTION

WIRE AND CABLE DIVISION

HIGH PERFORMANCE WIRE AND CABLE SECTION

- Premise wiring
- Coaxial cable
- Microphone cable
- Hookup wire
- Appliance wiring materials
- Multiconductor electronic cable
- Flat cable
- Motor lead wire
- Power-limited circuit cable
- CATV drop and trunk lines

- Thermocouple wire
- Shipboard wire and cable
- Airframe wire and cable
- Automotive wire and cable
- Transit wire and cable
- Thermoset insulated wire and cables
- Fabricated conductors - uninsulated electrical conductors

MODULAR WIRING SECTION

WIRE AND CABLE SECTION

- Building Wire and Cable Group**
 - Armored cables
 - Rubber insulated wires and cables
 - Thermoplastic insulated wire and cables
 - Thermoplastic insulated underground feeder and branch circuit cables
 - Nonmetallic-sheathed cables
 - Service entrance cables
 - Metal clad cables
- Power and Control Cable Group**
 - 0 to 600 volt
 - 601 to 15 kV
 - 15.1 kV and over
 - Control cable
 - Welding cable
 - Paper power cable
 - Flexible Metal Conduit Group
- Flexible Cords Group**
 - Fixture and appliance wire
 - Power supply cord and cord sets
 - Plug Blades
 - Bulk cords
 - Extension cords
- Flexible Metal Conduit Group**

POWER EQUIPMENT DIVISION

ELECTRICAL CONNECTOR SECTION

- Electric Power Connectors
- Pressure Connectors
 - Twist-On Wire
- Overhead Lines Connectors
 - Split Bolt and vise type
 - Bolted clamp and U-bolt parallel
- Underground Distribution Type Cable Connectors and Accessories
- Grounding products
 - Grounding rods
 - Copper -clad
 - Zinc-plated
 - Hot-dip galvanized and stainless steel
 - Couplers
 - Copper-clad
 - Zinc-plated
 - Hot-dip galvanized and stainless steel
- Chemical rods and other technologies
- Installation tooling

CAPACITOR SECTION

- Shunt
- Series

ELECTRICAL MEASURING EQUIPMENT SECTION

- Electrical Metering Group**
 - Electromechanical Electricity Metering
 - Solid-State Electricity Metering
- Meter Mounting and Test Equipment Group**

HIGH VOLTAGE INSULATOR SECTION

- Wet-process porcelain or toughened glass
- Non-ceramic composites
- Clamps, fittings, and accessory hardware

SURGE ARRESTER SECTION

- High Voltage Surge Arresters

SWITCHGEAR SECTION

- High voltage fuse
- Outdoor high voltage power circuit breaker
 - Oil Circuit Breakers and accessories
 - Oilless and low oil content circuit breakers and accessories
- Power switchgear assemblies, low and medium voltage power circuit breakers, and medium voltage load interrupter switches and connection
 - Low voltage power circuit breakers
 - Medium voltage indoor oilless drawout power circuit breakers
 - Medium voltage load interrupter switches
- Outdoor high voltage power switches
- Reclosers, sectionalizers, and padmounted switching equipment

TRANSFORMERS PRODUCTS SECTION

- Dry-type and Specialty Transformers**
 - Dry-type transformers
 - Specialty transformers
- Transformers**
 - Distribution transformers
 - Small power transformers
 - Large power transformers
 - Network transformers
 - Transmission and distribution voltage regulators
 - Reactor and special-purpose transformers

MAGNETIC RESONANCE (MR) SECTION

- MR imaging/scanning systems
- MR Magnets
- Radiofrequency coils
- Patient monitoring devices
- Stereotactic localization devices

NUCLEAR SECTION

- Equipment**
 - Scanners
 - Scintillation camera
 - Diagnostic probe systems
- Accessories**
 - Film systems
 - Image processing system
 - Data processing systems
 - Crystals

MEDICAL IMAGING INFORMATICS SECTION

- Electronic archives with database management, e.g., optical disk jukeboxes
- Analog to digital converters, i.e., film
 - Digitizers
 - Digital to Analog converters, i.e., ink jet and laser printers, multiformat cameras
- Digital to analog converters
- HIS/RIS Interfaces and functions
- Image workstations with or without image processing and/or manipulations functions
- Gateways
- Software

RADIATION THERAPY SECTION

- Equipment**
 - Betatrons
 - Hyperthermia
 - Ionizing radiation equipment
 - Linear accelerators
 - Neutron generators
 - Proton accelerators
 - Radionuclide radiation therapy equipment, including Brachytherapy Systems

Radiographic Simulators

- CT Simulators
- Treatment Planning Systems
- Record and Verify Systems
- Portal Imaging Systems

Accessories

- Dosimeters
- Water phantom and film dosimetry systems
- Instrumentation
- Localizing and positioning devices
- Monitoring equipment
- Test equipment
- Treatment Couches
- Treatment planning equipment
- X-Ray tubes
- Quality assurance tools

ULTRASOUND IMAGING SECTION

Equipment

- Imaging systems
- Monitoring systems
- Measuring systems

Accessories

- Ultrasound transducers
- Test instrumentation
- Ultrasound display equipment

X-RAY IMAGING PRODUCTS SECTION

Systems

- Radiography
- Mobile Radiography
- Digital Radiography
- RF
- Mammography
- Digital Mammography
- Angiography
- CT
- Tomographic
- Cardiac
- Stationary C Arms
- Mobile C Arms
- Vascular
- Fluoroscopy
- Digital Fluoroscopy
- Urological
- Combination Systems that include one of the above systems (e.g. CT-PET, etc.)

Equipment

- Generators
- Tables: Tilting, Bucky, G.U. and Special Procedures
- Tubestands: Floor to ceiling, ceiling mount
- Mobile and portable X-ray units
- Fluoroscopes
- X-ray tubes and housings
- Spot film devices
- Image Intensifier tubes
- Mammography units
- Rapid film changers
- Film holders, cassette changers
- C, U, and L Supports
- Digital Imaging Equipment
- Head stands
- CT and X-Ray Tomography
- Automatic X-Ray Exposure Controls
- Body Section Equipment
- Timers
- Grids, Bucky's
- Cameras-TV, Cine, Spot, Video format (single and multiple)
- Recorders
- Image Display Devices (e.g. CRT monitor, etc.)

Accessories

- Rotor Controllers
- X-ray tube heat monitors
- Localizing and positioning devices (i.e. lasers, etc.)
- Automatic Processors
- Manual Processors
- Film drying equipment
- Film holders
- Film illuminators and view boxes
- Stereoscopes
- Film storage and retrieval equipment
- Leaded X-ray protective devices
- Cassettes
- Screens
- Stationary grids
- Test, monitoring, and instrumentation equipment
- Dental X-Ray Equipment
- Industrial X-Ray Equipment
- Computed Tomography



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