

NOM-003-SCFI-2014 “Electrical Products – Safety Requirements”

A) The Economy Secretary (DGN) published on May 28 in the Mexican Official Gazette the new edition of the Mandatory Standard NOM-003.

B) This Mandatory standard is used in Mexico to get the NOM certification for different kind of electrical products where this NEMA Section will be affected.

C) The new edition will be in effect one year after its publication (May 28, 2016) for most of the products covered in the standard scope.

D) One of the mayor changes in the new edition is that for some products you have to comply with the requirements of a specific product Mexican standard that will modify the testing, time and money to get the NOM certification. Also the Nom mark must be used on the product and/or in the package to show compliance with this Mandatory standard.

Below you will find a table that identifies the specific Mexican standard for different NEMA Sections involved:

MEXICAN STANDARD	TYPE	PRODUCT AFFECTED	NEMA SECTION AFFECTED
NMX-J-508-ANCE-2010 “Wiring Devices - Safety Requirements - Specifications and Test Methods”	General	Wiring Devices	NEMA 5WD
NMX-J-005-ANCE-2005 “General Use Switches for Fixed Electrical Installations - General Requirements and Test Methods”	Specific	General Use Snap Switches	NEMA 5WD
NMX-J-009/248/1-ANCE-2006 “Low Voltage Fuses - Part 1: General Requirements”	General (CANENA tri national standard based on UL 248-1)	Low Voltage Fuses	NEMA 5FU
NMX-J-009/248/7-ANCE-2006 “Low Voltage Fuses - Part 7: Class H Renewable Fuses”	Specific (CANENA tri national standard based on UL 248-7) Also has to comply with General Requirements considered in NMX-J-	Class H Renewable Fuses	NEMA 5FU

	009/248/1-ANCE-2006 standard		
NMX-J-009/248/11-ANCE-2006 “Low Voltage Fuses - Part 11: Plug Fuses”	Specific (CANENA tri national standard based on UL 248-11) Also has to comply with General Requirements considered in NMX-J-009/248/1-ANCE-2006 standard	Plug Fuses	NEMA 5FU
NMX-J-024-ANCE-2005 “Lighting - Edison - Base Lampholders - Specification and Test Methods”	Specific	Edison Base Lampholders	NEMA 5WD
NMX-J-195-ANCE-2006 “Power Supply Cords and Extension Cord Sets for Electrical Appliances - Specifications and Test Methods”	Specific	Power Supply Cords and Extension Cord Sets	NEMA 7WC
NMX-J-325-ANCE-2005 “Lighting - Lampholders for Fluorescent Lamps - Specifications and Test Methods”	Specific	Fluorescent Lamp Lampholders	NEMA 5WD
NMX-J-374-ANCE-2009 “Dimming Controls – Specifications and Test Methods”	Specific (Based on UL 1472)	Dimming Controls	NEMA 5WD
NMX-J-381-ANCE-2011 “Sound Signaling Devices for Household and Similar Purposes – Specifications and Test Methods”	Specific (Based on IEC 62080)	Sound Signaling Devices for Household and Similar Devices	NEMA 3SB
NMX-J-412-ANCE-2008 “Attachment Plugs and Receptacles – General Specifications and	Specific (Based on UL 498 Fourteenth Edition)	Attachment Plugs and Receptacles	NEMA 5WD

Test Methods”			
NMX-J-412/1-ANCE-2011 “Plugs and Socket-Outlets for Household and Similar Purposes Part 1: General Requirements”	Specific (Based on IEC 60884-1) Chapters: 10, 11, 12, 16, 17, 19, 20, 21, 22, 24, 25, 28 y 29	Plugs and Socket-Outlets	NEMA 5WD
NMX-J-412/2-1-ANCE-2008 “Attachment Plugs - Specifications and Test Methods”	Specific (Based on UL 498 Fourteenth Edition)	Attachment Plugs	NEMA 5WD
NMX-J-412/2-2-ANCE-2008 “Receptacles - Specifications and Test Methods”	Specific (Based on UL 498 Fourteenth Edition)	Receptacles	NEMA 5WD
NMX-J-412/2-3-ANCE-2009 “Cord Connectors – Specifications and Test Methods”	Specific (Based on UL 498 Fourteenth Edition)	Connectors	NEMA 5WD
NMX-J-412/2-4-ANCE-2009 “Current Taps and Adapters – Specifications and Test Methods”	Specific (Based on UL 498 Fourteenth Edition)	Adapters and Current Taps	NEMA 5WD
NMX-J-412/2-5-ANCE-2009 “Flatiron and Appliance Plugs – Specifications and Test Methods”	Specific (Based on UL 498 Fourteenth Edition)	Flatiron and Appliance Plugs	NEMA 5WD
NMX-J-412/2-6-ANCE-2009 “Hospital Grade Devices – Specifications and Test Methods”	Specific (Based on UL 498 Fourteenth Edition)	Hospital Grade Devices	NEMA 5WD
NMX-J-511-ANCE-2011 “Cable Tray - Metallic Cable Tray - Specifications and Test Methods”	Specific (Based on NEMA VE-1 2009 and IEC 61537)	Metallic Cable Trays	NEMA 5CT
NMX-J-520-ANCE-2012 “Ground Fault Circuit Interrupter – Specifications and Test Methods”	Specific (CANENA tri national standard based on UL 943)	GFCIs	NEMA 5PP
NMX-J-575-ANCE-2006 “Residual	Specific (Based on IEC 61008-1)	RCCBs	NEMA 5PP

Current Operated Circuit-Breakers Without Integral Overcurrent Protection for Household and Similar Uses (RCCBs) Part 1: General Rules”			
NMX-J-577/1-ANCE-2006 “Switches For Appliances - Part 1: General Requirements”	Specific (Based on IEC 61058-1)	Switches for Appliances	NEMA 5WD
NMX-J-631-ANCE-2011 “Wireways, Auxiliary Gutter and Associate Fittings – Specifications and Test Methods”	Specific (Based on UL 870 (2008) and IEC 61084-1)	Wireways, Auxiliary Gutter and Associate Fittings	NEMA 5EN
NMX-J-681/1-ANCE-2013 “Low-Voltage Surge Protective Devices – Part 1: Surge Protective Devices Connected to Low-Voltage Power Systems – Requirements and Test Methods”	Specific (Based on IEC 61643-11)	Surge Protective Devices Connected to Low-Voltage Power Systems	NEMA 5VS
NMX-J-681/2-ANCE-2013 “Low-Voltage Surge Protective Devices – Part 2: Surge Protective Devices Connected to Low – Voltage Power Distribution Systems – Selection and Application Principles”	Specific (Based on IEC 61643-12)	Surge Protective Devices Connected to Low – Voltage Power Distribution Systems	NEMA 5VS
NMX-J-038/1-ANCE-2005 “Arc Welding Equipment - Part 1: Welding Power Sources”	Specific (Based on IEC 60974-1)	Arc Welding Power Sources	NEMA 1EW
NMX-J-038/11-ANCE-2007 “Arc Welding Equipment - Part 11: Electrode Holders”	Specific (Based on IEC 60974-11 ed3.0) Issued: NMX-J-038/11-ANCE-2014 (New Edition went	Electrode Holders	NEMA 1EW

	into effect on April 10, 2015)		
NMX-J-515-ANCE-2008 "Distribution and Control Equipment - Safety General Requirements - Specifications and Test Methods"	General Issued: NMX-J-515-ANCE-2014 (New Edition will be in effect on October 17, 2015)	Control and Distribution Equipment	NEMA 5LVDE
NMX-J-162-ANCE-2011 "Enclosed and Dead-Front Switches – Specifications and Test Methods"	Specific (CANENA tri national standard based on UL 98)	Enclosed and Dead-Front Switches	NEMA 5LVDE
NMX-J-266-ANCE-2014 "Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breakers Enclosures"	Specific (CANENA tri national standard based on UL 489) Issued: NMX-J-266-ANCE-2014 (New Edition went into effect on January 23, 2015)	Molded-Case Circuit Breakers	NEMA 5LVDE
NMX-J-538/1-ANCE-2005 "Low Voltage Switchgear and Controlgear - Part 1: General Rules"	Specific (Based on IEC 60947-1)	Low Voltage Switchgear and Controlgear	NEMA 5LVDE
NMX-J-538/2-ANCE-2005 "Low Voltage Switchgear and Controlgear - Part 2: Circuit – Breakers"	Specific (Based on IEC 60947-2)	Circuit – Breakers	NEMA 5LVDE
NMX-J-569-ANCE-2005 "Electrical Accessories - Circuit - Breakers for Overcurrent Protection for Household and Similar Installations - Part 1: Circuit Breakers for C.A. Operation"	Specific (Alternative of NMX-J-266-ANCE standard) Sections: 9.7, 9.8, 9.10, 9.11 y 9.12	Circuit Breakers for C.A. Operation	NEMA 5LVDE
NMX-J-668/1-ANCE-2013 "Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits: General Requirements"	Specific (CANENA tri national standard based on UL 2231-1) Standard went into effect on June 2, 2014	EV Supply Circuits General Requirements	NEMA 5EV

<p>NMX-J-668/2-ANCE-2013 “Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits: Particular Requirements for Protective Devices for Use in Charging Systems”</p>	<p>Specific (CANENA tri national standard based on UL 2231-2)</p> <p>Standard went into effect on June 2, 2014</p>	<p>EV Particular Requirements for Protective Devices for Use in Charging Systems</p>	<p>NEMA 5EV</p>
<p>NMX-J-307-ANCE-2011 “Indoors and Outdoors Luminaires for General Use”</p>	<p>Specific (Based on UL 1598 with National Deviations)</p> <p>For General Use Luminaires must comply with Sections:</p> <p>5.1.1, 5.1.2, 5.1.3, 5.1.4, 5.1.5, 5.1.6, 5.1.7, 5.1.9, 5.1.10, 5.1.12, 5.1.19, 5.2.1, 5.2.4, 5.2.7, 5.2.9, 5.3.1, 7.1.1, 7.1.2, 7.1.3, 7.1.4, 7.1.5, 7.1.6.3, 7.1.7, 7.1.9, 7.1.10, 7.1.12, 7.1.18, 7.2.1, 7.2.4, 7.2.7, 7.2.9, 7.3.1 and 8</p>	<p>General Use Luminaires</p>	<p>NEMA 2LE</p>
<p>NMX-J-588-ANCE-2012 “Seasonal and Holiday Decorative Products”</p>	<p>Specific (Based on UL 588)</p>	<p>Seasonal and Holiday Decorative Products</p>	<p>Not NEMA Section Identified</p>