

### Standards for European Model Railroads

### **List of valid Standards**

- English language edition - Exposition: 1st of December 2023



N = Binding Standard

E = Recommendation

D = Documentation

Grey = Standard at present not in english language

Davisian History

**New Standards** 

**Revised Edition** 

**Editorially updated Edition** 

E-1:4: - - - 2022

The publication of the English versions of the standards is still under construction. It is constantly being completed. In the event that errors or appropriate possibilities for improvement are detected in the English versions of the standards, we ask you to report this with a short justification or explanation to: karsten.flach@morop.eu

#### Norms with country code apply only to the specified country

NEM 001 Introduction in to the NEM (at present only in german and french language) D Edition 1983 NEM 002 Rules for the Formulation of Standards for European Model Railroads N Edition 2015 Supplement 1 to NEM 002 Rules of Layout (at present only in german and french language) N Edition 2015 Supplement 2 to NEM 002 Development Process of the NEM (at present only in german and french language) N Edition 2014 Supplement 3 to NEM 002 Standard Layout of NEM (at present only in german and french language) D Edition 2014 NEM 003 Regulations on the Distribution of the Enacted NEM (at present only in german and french language) D Edition 2014 NEM 004 MOROP Seal (at present only in german and french language) N Edition 2016 Supplement 1 to NEM 004 Standards to be Applied (at present only in german and french language) N Edition 2016 Supplement 2 to NEM 004 Proceeding (at present only in german and french language) N Edition 2017 Supplement 2 to NEM 004 Proceeding (at present only in german and french language) N Edition 2017 NEM 006 Symbols for Characteristics of Model Vehicles (at present only in german and french language) N Edition 2010 NEM 006 Symbols for Characteristics of Model Vehicles N Edition 2010 NEM 010 Ratio, Scales, Gauges (at present only in german and french language) E Edition 2010 NEM 103 Clearances on Straight Track N Edition 2016 Supplement to NEM 102/103 Profile gauge for Gauge H0 (at present only in german and french language) D Edition 2016 NEM 103 Clearance Perimeter in track curves N Edition 2017 NEM 105 Tunnel Profiles for Normal Gauge Railroads E Edition 2017 NEM 105 Tunnel Profiles for Normal Gauge Railroads E Edition 2018 NEM 110 Tracks and Turnouts – Guiding Track Dimensions N Edition 2018 NEM 111 Tracks and Turnouts of Large and Garden Railroads – Guiding Track Dimensions N Edition 2016 Supplement to NEM 111 Model railroad operation with prototypical UIC pulling and pushing devices (at present only in german and french language) D Edition 2016 NEM 111 Track Spacing E Edition 2016 Supplement		Revision History		Edition 2023
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NEM 201 Power Wire Location N Edition 2017		(at present only in german and french langu	age) N	Edition 2010
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NEM 202	Pantograph with Overhead Wire Operation	N	Edition 2017
NEM 301	Perimeters of Vehicles	N	Edition 2018
NEM 302	Wagon Mass	Е	Edition 2015
NEM 303	Buffers (at present only in german and french language)	N	Edition 2015
NEM 304	Transitional Facilities – Bellow, Rubber bead	E	Edition 2009
NEM 306	Wagon route signs - suspension	E	Edition 2007
NEM 310	Wheel Sets – Tracking Dimensions	N	Edition 2009
	Wheel Sets for Large and Garden Railroads – Tracking Dimensions	N	Edition 2010
	at to NEM 110/310/311 Principles of lane guidance in frogs		
	(at present only in german and french language)	D	Edition 2009
Supplemen	at to NEM 110/310 Guide for Wheel Set and Track for Gauge 9 mm		
	(at present only in german and french language)	D	Edition 2009
Supplemen	at to NEM 110/310 Guide for Wheel Set and Track for Gauge 12 mm		
	(at present only in german and french language)	D	Edition 2009
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NEM 311	Wheel tire profiles (at present only in german and french language)	E	Edition 2009
<b>NEM 311G</b>	Wheel tire profiles for Large and Garden Railroads		
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NEM 313	Carriage Wheelset with Bearing Pins	E	Edition 2009
NEM 314	Carriage Wheelset for Tip Bearing	E	Edition 2006
NEM 340	Wheel Set and Track for Special Systems		
	(at present only in german and french language)	D	Edition 2008
NEM 351	Couplings – General, Names (at present only in german and french language)	D	Edition 1994
NEM 352	Guides for Short Couplings (at present only in german and french language)	E	Edition 1986
NEM 355	Receptacle for Replaceable Coupling Heads in Scales TT und N		
	(at present only in german and french language)	Е	Edition 2015
NEM 356	Coupler Head for Scale N	N	Edition 2022
NEM 357	Coupling Head for Scale N		
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NEM 359	Coupler Head for Scale TT (at present only in german and french language)	E	Edition 2015
NEM 360	Standard Coupling for Scale H0 (at present only in german and french language)	N	Edition 1994
NEM 362	Receptacle for Replaceable Coupling Heads		
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NEM 363	Receiver for swappable H0 scale Couplers under restrictive installation conditions		
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NEM 365	Coupler Head for Scale 0 (at present only in german and french language)	Е	Edition 2007
NEM 370	Hook shaft opening for porototypical screw coupling		
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NEM 380	Fixing Elements for Containers and Interchangeable Superstructures	_	
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NEM 600	Model Railroad Controls – Terminology, Main Terms	D	Edition 2007
NEM 601	Model Railroad Controls – Systems, Principles, Structures		
	(at present only in german and french language)	Е	Edition 2006
NEM 602	Model Railroad Controls – Symbols, Switching Signs, Identification Letters		
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NEM 603	Control Signals – Definitions, Identification Letters		
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NEM 604	Wires – Cross-Sections, Conductor Lengths		
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Supplemen	t to NEM 604 Wire Cross-Sections AWG		
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NEM 605	Layout Wiring – Identification of Electrical Conductors (20230221)	Е	Edition 2022
NEM 606	Model Railroad Controls – Requirements		
	(at present only in german and french language)	E	Edition 2012
NEM 607	Train bus – Requirements (at present only in german and french language)	E	Edition 2012
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NEM 609	Guidelines on electrical safety at	·	_	E-1111 0040
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	nt to NEM 609 Checklist	(at present only in german and french language)	E	Edition 2010
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NEM 611	Electrical Supply of Stationary Ed		N	Edition 1999 Edition 2017
NEM 620	Power Connection of the vehicle		IN	Luition 2017
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NEM 621	Power Supply for Two-Rail Locol	motives with and without Overhead Wire	D	Edition 1505
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NEM 624	Electrical Parameters – Wheelse		N	Edition 1997
NEM 625	Electrical Parameters – Wheelse			
		(at present only in german and french language)	Е	Edition 1997
NEM 630	Direct Current Traction - Electric		_	
		(at present only in german and french language)	N	Edition 1982
NEM 631	Direct Current Traction - Runnin	g and Traffic Direction of the Two-Rail System	N	Edition 1985
NEM 640	Alternating Current Traction - Ele	•	N	Edition 1988
NEM 641	Digital Traction – Electrical Chara		N	Edition 2017
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NEM 650	Electrical Interfaces for Model Ve		Е	Edition 2018
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NEM 652	Electrical Interface – 8-pin		E	Edition 2017
NEM 655	Electrical Interface - Coupling Ho	older, Inner Arrangement		
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NEM 656	Electrical Interface - Coupling Ho			
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NEM 657	Electrical Standard Interface - M	lodel Railroad Accessories		
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NEM 661	Maximum Speed of Model Engin		E	Edition 2011
NEM 662	Electrical Interfaces Next 18 / N	,	E	Edition 2016
NEM 663	Electrical Interface PluG for Larg		E	Edition 2014
NEM 670	Digital Control Signal DCC – Tec			
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See page national sections of MOROP for contact details.

NEM 800	Railroad Epochs		Ν	Edition 2007
NEM 801 A	Railroad Epochs for Austria	(at present only in german language)	Ε	Edition 2008
NEM 802 B	Railroad Epochs in Belgium	(at present only in french language)	Ε	Edition 2022
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NEM 825 PL	Railroad Epochs in Poland	(at present only in german language)	E	Edition 2023
NEM 900	Layout Modules – General (at preser	at only in german and french language)	Е	Edition 2008
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