

SUMMARY
OF UPDATES



NMS

●●● Canadian National Master Construction Specification



National Research
Council Canada

Conseil national de
recherches Canada

Canada 

Summary of updates

The **2022-10 NMS publication** includes the following:

- The development of new Sections in Division 31-Earthworks and Division 32-Exterior Improvements, that cover the requirements for shotcrete and soil slope and rock stabilization;
- One new Section 11 11 36.10 - Electric Vehicle Charging Units, which covers the requirements for electric vehicle charging stations;
- Technical updates to over 60 design and construction specification Sections with a focus on mechanical systems and other requirements for net-zero carbon building operation and climate resiliency; and
- Updating the reference standards of the included Sections to the 2020 national model codes.

Design Specifications

SECTION	TITLE	STATUS
1010	Table of Contents	Updated
E1010	Vehicle and Pedestrian Equipment	Updated

Construction Specifications

SECTION	TITLE	STATUS
00 01 10	Table of Contents	Updated
01 41 00	Regulatory Requirements	Updated
01 51 00	Temporary Utilities	Updated
01 91 13	General Commissioning Requirements	Updated
02 50 00	Site Remediation	Editorial Edits
03 01 37	Concrete Restoration	Updated
03 10 00	Concrete Forming and Accessories	Updated
03 11 19	Insulating Concrete Forming	Updated
03 20 00	Concrete Reinforcing	Editorial Edits
03 30 00	Cast-In-Place Concrete	Editorial Edits
03 30 00.09	Cast-In-Place Concrete - Short Form	Updated
03 35 00	Concrete Finishing	Updated
03 35 46	Concrete Topical Treatments	Renamed and Updated
	Formerly: Concrete Floor Hardening	
03 37 13	Shotcrete	Updated
03 37 26	Underwater Placed Concrete	Updated
03 41 00	Precast Structural Concrete	Updated
03 41 36	Precast Structural Post-Tensioned Concrete	Updated
03 45 00	Precast Architectural Concrete	Editorial Edits
03 48 00	Precast Concrete Specialties	Updated
04 20 00.08	Masonry for Minor Works	Updated
05 41 00	Structural Metal Stud Framing	Updated
06 14 00	Treated Wood Foundations	Updated
07 81 00	Applied Fire Protection	Renamed and Updated
	Formerly: Applied Fireproofing	

08 11 13	Hollow Metal Doors and Frames	Renumbered Renamed and Updated
Formerly: 08 11 00	Formerly: Metal Doors and Frames	
08 14 73	Sliding Wood and Plastic Doors	Updated
08 42 26.33	Swinging All Glass Entrances	Updated
08 42 29	Automatic Entrances	Updated
08 62 00	Unit Skylights	Updated
08 71 00	Door Hardware	Updated
09 03 25	Conservation Treatment for Period Plastering	Updated
09 30 15	Quarry and Paver Tiling	Updated
09 51 13	Acoustical Panel Ceilings	Updated
09 54 23	Linear Metal Ceilings	Updated
09 72 16	Vinyl-Coated Fabric Wall Coverings	Updated
09 84 00	Acoustic Room Components	Renumbered Renamed and Updated
Formerly: 09 80 00	Formerly: Acoustic treatment	
11 11 36.10	Electric Vehicle Charging Units	New
13 34 19	Metal Building Systems	Editorial Edits
21 12 00	Fire-Suppression Standpipes	Renamed and Updated
	Formerly: Fire-Suppression Standpipes and Hose Assemblies	
21 13 13	Wet Pipe Sprinkler Systems	Updated
21 13 16	Dry Pipe Sprinkler Systems	Updated
23 05 13	Common Motor Requirements for HVAC Equipment	Updated
23 05 19	Meters and Gauges for HVAC Piping	Updated
23 05 19.13	Thermometers and Pressure Gauges - Piping Systems	Updated
23 05 33	Heat Tracing for HVAC Piping	Updated
23 05 93	Testing, Adjusting and Balancing for HVAC	Updated
23 05 93.13	Testing, Adjusting and Balancing of Fume Hoods	Updated
23 05 94	Pressure Testing of Ducted Air Systems	Updated
23 07 13	Duct Insulation	Updated
23 07 16	HVAC Equipment Insulation	Updated
23 07 19	HVAC Piping Insulation	Updated
23 08 00	Commissioning of HVAC	Editorial Edits
23 21 23	Hydronic Pumps	Updated
23 33 16	Dampers - Fire and Smoke	Updated
23 33 46	Flexible Ducts	Updated
23 51 00	Breechings, Chimneys and Stacks	Updated
23 54 16	Fuel-Fired Furnaces	Updated
23 64 13	Absorption Water Chillers	Updated
23 81 46	Water Source Unitary Heat Pumps	New
26 29 33	Controllers for Fire Pump Drivers	Renumbered Renamed and Updated
Formerly: 26 29 02	Formerly: Fire Pump Control	
31 32 36	Soil Nailing	New
31 33 23	Rock Slope Drape Mesh	New
31 33 26	Rock Slope Pinned Mesh	New

31 33 29	Rock Slope Drains	New
32 32 34	Reinforced Soil Retaining Walls	Updated



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