

SPRING 2023
SUMMARY OF UPDATES



NMS

●●● **Canadian National Master Construction Specification**



National Research
Council Canada

Conseil national de
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Canada 

Summary of updates

The **2023-04 NMS publication** includes the following:

- Updates to reorganize content in accordance with SectionFormat™ and for clarity.
- Updates to reference standards in accordance with 2020 National Model Codes.
- Updates to include additional options and requirements on material and design, advancing technology, current industry practices, and performance objectives.
- Updates to include bird-friendly design requirements in Level 3 Element B2020.
- Seven new Sections in Divisions 22, 23 and 31 that also include content on low-carbon and climate resilient construction.
- Four deleted Sections in Divisions 01, 23 and 31 with relevant content redistributed to other updated Sections.

Design Specifications

SECTION	TITLE	STATUS
1005	Table of Contents	Renumbered and Updated
Formerly: 1010		
A1010	Standard Foundations	Updated
A1020	Special Foundations	Updated
A2010	Walls For Subgrade Enclosures	Updated
A4010	Standard Slabs-On-Grade	Updated
A4020	Structural Slabs-On-Grade	Updated
A6010	Building Subdrainage	Updated
B2020	Exterior Windows	Updated

Construction Specifications

SECTION	TITLE	STATUS
00 01 10	Table Of Contents	Updated
01 35 43.10	Environmental Procedures - Bridges	Updated
01 47 13	Sustainable Requirements: Concept Design	Deleted
01 47 19	Sustainable Requirements: Operation	Deleted
04 03 05.13	Period Masonry Mortaring	Updated
05 12 33	Structural Steel for Bridges	Updated
08 36 13.13	Sectional Wood Doors	Updated
09 23 00	Gypsum Plastering	Updated
09 58 00	Integrated Ceiling Assemblies	Updated
09 63 40	Stone Flooring	Updated
09 64 53	Resilient Wood Flooring Assemblies	Updated

09 66 16	Terrazzo Floor Tile	Updated
09 66 23	Resinous Matrix Terrazzo Flooring	Updated
09 69 00	Access Flooring	Updated
10 44 00	Fire Protection Specialties	Updated
21 13 13	Wet Pipe Sprinkler Systems	Editorial changes
22 07 19	Plumbing Piping Insulation	New
22 11 16	Domestic Water Piping	Editorial changes
23 05 48.16	Seismic Restraint Systems (SRS) - Type P2 Buildings	Deleted
23 07 19	HVAC Piping Insulation	Updated
23 08 13	Performance Verification HVAC Systems	Updated
23 21 13.33	Ground-Loop Heat-Pump Piping	New
23 37 20	Louvres, Intakes and Vents	Updated
23 57 00	Heat Exchangers for HVAC	Updated
23 64 16	Centrifugal Water Chillers	Updated
23 64 19	Reciprocating Water Chillers	Updated
23 64 26	Rotary-Screw Water Chillers	Updated
23 65 16	Natural Draft Cooling Towers	Updated
23 73 00.13	Air Handling - Built-Up	Updated
23 73 00.16	Air Handling Units - Packaged	Updated
23 74 00	Packaged Outdoor HVAC Equipment	Updated
23 81 23	Computer Room Air Conditioning	Updated
23 81 43	Air Source Unitary Heat Pumps	New
31 09 16.01	Pile Driving Templates	Deleted
31 32 33	Shotcrete Soil Slope Stabilization	New
31 33 13.13	Rock Scaling	New
31 33 13.16	Rock Anchors	New
31 33 13.19	Rock Slope Barriers	New
31 61 13	General Requirements for Pile Foundations	Renamed and Updated
	Formerly: Pile Foundations, General Requirements	
31 62 16.13	Sheet Steel Piles	Updated
31 62 16.14	Steel Sheet Pile Cells	Updated
32 31 13	Chain-Link Fences and Gates	Renamed and Updated
	Formerly: Chain Link Fences and Gates	
33 56 13	Aboveground Fuel - Storage Tanks	Updated



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