



CODES CANADA
Build on expertise

Canadian National Master Construction Specification (NMS)

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Update No. 2019-10



National Research
Council Canada

Conseil national de
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Canada

Groups, Sub-groups and Divisions

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23 64 26	Rotary-screw water chillers	2010-06-30
23 65 10	Condensers, coolers and cooling towers	2013-12-31
23 65 16	Natural draft cooling towers	2013-12-31
23 72 00	Air-to-air energy recovery equipment	2013-12-31
23 73 00.13	Air handling - Built-up	2013-12-31
23 73 00.16	Air handling units - Packaged	2013-12-31
23 74 00	Packaged outdoor HVAC equipment	2013-12-31
23 81 23	Computer room air conditioning	2011-12-31
23 81 40	Air and water source unitary heat pumps	2011-12-31
23 82 00.13	Forced air heaters	2011-12-31
23 82 00.16	Incremental heating and cooling units	2011-12-31
23 82 16.14	Electric-Resistance air coils	2019-01-30
23 82 19	Fan coil units	2013-06-30
23 82 23	Unit ventilators	2011-12-31
23 82 33.13	Residential convectors	2011-12-31
23 82 33.16	Commercial convectors	2011-12-31
23 82 33.19	Cabinet convector heaters	2013-12-31
23 82 36	Finned tube radiation heaters	2013-12-31
23 82 39	Unit heaters	2011-12-31
23 82 39.23	Unit heaters - Electric	2011-12-31
23 82 39.26	Liquid Heaters	2019-01-30
23 83 00	Radiant heating units	2013-12-31
23 83 00.13	Radiant heaters - Electric infrared	2011-12-31
23 83 13	Radiant heating electric cables	2013-12-31
23 83 13.19	Radiant heating electric cables - Snow melting	2013-12-31
23 83 13.23	Radiant heating electric cables - Floor warming	2013-12-31
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25 01 12	EMCS: Training	2004-06-30
25 05 01	EMCS: General requirements	2005-03-31
25 05 02	EMCS: Submittals and review process	2004-06-30
25 05 03	EMCS : Project record documents	2004-06-30
25 05 54	EMCS: Identification	2004-06-30
25 05 60	EMCS: Field installation	2018-01-30
25 08 20	EMCS: Warranty and maintenance	2004-06-30
25 10 01	EMCS: Local Area Network (LAN)	2005-03-31
25 10 02	EMCS: Operator Work Station (OWS)	2005-03-31
25 30 01	EMCS: Building controllers	2005-03-31
25 30 02	EMCS: Field control devices	2018-01-30

25 90 01	EMCS: Site requirements, applications and systems sequences of operation	2005-03-31
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26 05 14	Power cable and overhead conductors (1001 V)	2008-06-30
26 05 20	Wire and box connectors (0-1000 V)	2011-12-31
26 05 21	Wires and cables (0-1000 V)	2008-12-31
26 05 22	Connectors and terminations	2013-12-31
26 05 27	Grounding: Primary	2008-06-30
26 05 28	Grounding: Secondary	2011-12-31
26 05 29	Hangers and supports for electrical systems	2014-06-30
26 05 31	Splitters, junction, pull boxes and cabinets	2008-06-30
26 05 32	Outlet boxes, conduit boxes and fittings	2008-06-30
26 05 33	Raceway and boxes for electrical systems	2011-12-31
26 05 33.01	Surface and lighting fixture raceways	2008-06-30
26 05 34	Conduits, conduit fastenings and conduit fittings	2006-12-31
26 05 36	Cable trays for electrical systems	2018-01-30
26 05 37	Wireways and auxiliary gutters	2011-12-31
26 05 38	Cellular metal floor raceway fittings	2013-12-31
26 05 39	Underfloor raceways for electrical systems	2014-06-30
26 05 43.01	Installation of cables in trenches and in ducts	2011-12-31
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26 09 43	Network lighting controls	2011-12-31
26 11 00.01	Outdoor substation to 15 kV	2006-12-31
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26 12 13	Liquid-filled, medium voltage transformers	2006-12-31
26 12 16	Dry-type, medium voltage transformers	2011-12-31
26 12 16.01	Dry-type transformers up to 600 V primary	2011-12-31
26 12 16.13	Pad-mounted, transformers for airfield visual aids	2010-12-31
26 12 19	Pad mounted, liquid filled, medium voltage transformers	2006-12-31
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26 13 01	Isolating switches to 15 kV	2011-12-31
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26 13 18	Primary switchgear assembly to 15 kV	2011-12-31
26 18 26	Medium voltage reclosers	2011-12-31
26 18 39.01	Motor controllers: 2000 to 5000 V (non-hazardous)	2007-03-31
26 18 41	Interlock systems	2011-12-31
26 22 19	Control and signal transformers	2011-12-31
26 23 00	Low voltage switchgear	2011-12-31
26 24 01	Service equipment	2013-06-30
26 24 02	Service entrance board	2013-06-30
26 24 13	Switchboards	2013-06-30
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26 24 13.02	Generator switchboard over 600 V	2011-12-31

26 24 16.01	Panel boards: breaker type	2011-12-31
26 24 16.02	Panel boards: switch and fuse type	2013-06-30
26 24 19	Motor control centres	2013-06-30
26 25 00	Enclosed bus assemblies	2011-06-30
26 27 10	Modular wiring system	2008-06-30
26 27 16	Electrical cabinets and enclosures	2011-06-30
26 27 19	Multi-outlet assemblies	2009-06-30
26 27 23	Indoor service poles	2011-06-30
26 27 26	Wiring devices	2011-06-30
26 27 73	Door chimes	2010-12-31
26 28 13.01	Fuses: Low voltage	2008-06-30
26 28 13.02	Outdoor load break switches and fuses	2011-06-30
26 28 16.01	Air circuit breakers	2011-12-31
26 28 16.02	Moulded case circuit breakers	2012-06-30
26 28 18	Ground fault equipment protection	2011-06-30
26 28 20	Ground fault circuit interrupters: Class "A"	2011-06-30
26 28 22	Load break switches	2011-06-30
26 28 23	Disconnect switches: Fused and non-fused	2013-12-31
26 29 01	Contactors	2011-06-30
26 29 02	Fire pump control	2010-12-31
26 29 03	Control devices	2011-06-30
26 29 10	Motor starters to 600 V	2008-12-31
26 32 13.01	Power generation diesel	2009-12-31
26 32 13.02	Power generation to 30 kW	2009-12-31
26 32 13.03	Installation of electric power generating equipment	2011-12-31
26 32 13.04	Diesel electric generating units (liquid cooled)	2009-12-31
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26 33 16	Battery racks	2014-06-30
26 33 43	Battery chargers	2011-06-30
26 33 53	Static uninterruptible power supply	2011-06-30
26 33 54	Hospital operating rooms isolated power supply	2011-06-30
26 35 33	Power factor correction equipment	2006-12-31
26 36 23	Automatic transfer switches	2011-06-30
26 41 00.01	Primary lightning arresters	2011-06-30
26 41 00.02	Secondary lightning arresters	2011-12-31
26 41 13	Lightning protection for structures	2010-12-31
26 42 00	Cathodic protection	2009-12-31
26 42 00.01	Telethermics: Cathodic protection	2006-12-31
26 50 00	Lighting	2008-12-31
26 52 00.01	Lighting - Central emergency system	2011-12-31
26 52 13.13	Emergency lighting	2011-06-30
26 52 13.16	Exit signs	2017-04-25
26 53 13	Photoluminescent signage	2013-06-30
26 55 36.13	Medium-Intensity (M.I.) red flashing obstruction lighting	2010-12-31
26 55 36.16	Medium-intensity (M.I.) white flashing obstruction light	2012-12-31
26 55 36.19	Low-Intensity (L.I.) red obstruction lighting	2010-12-31
26 56 19	Roadway lighting	2013-12-31

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27 05 13	Communications services	2011-12-31
27 05 26	Grounding and bonding for communications systems	2006-03-31

27 05 28	Pathways for communications systems	2011-12-31
27 10 05	Structured cabling for communications systems	2006-09-30
27 11 20	Terminals and connectors for communications conductors: entrance facility	2011-12-31
27 31 00	Voice communications switching and routing equipment	2011-12-31
27 51 16	Public address and mass notification systems	2011-12-31
27 51 23	Intercommunications and program systems	2011-12-31
27 52 24	Nurses call systems	2011-12-31
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28 10 00	Access control	2010-12-31
28 13 27	Security door supervision	2010-12-31
28 13 28	Building entrance control system	2010-12-31
28 14 00	Access control system hardware	2014-12-31
28 23 00	Video surveillance	2010-12-31
28 31 00	Intrusion detection	2017-10-27
28 31 00.01	Multiplex fire alarm system	2010-12-31
28 31 00.02	Multiplex fire alarm and voice communication systems	2010-12-31
28 46 00	Fire detection and alarm	2006-03-31

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31 00 99	Earthwork for minor works	2010-12-31
31 05 10	Corrected maximum dry density for fill	2006-12-31
31 05 16	Aggregates for earthwork	2012-06-30
31 08 13	Pile load testing	2006-09-30
31 09 16.01	Pile driving templates	2006-12-31
31 11 00	Clearing and grubbing	2019-01-30
31 14 13	Soil stripping and stockpiling	2006-06-30
31 22 13	Rough grading	2012-06-30
31 22 14	Airfield grading	2012-06-30
31 22 16.13	Roadway subgrade reshaping	2012-06-30
31 23 16.26	Rock removal	2009-12-31
31 23 33.01	Excavating, trenching and backfilling	2006-09-30
31 24 13	Roadway embankments	2012-06-30
31 31 19.13	Chemical vegetation control	2016-04-15
31 32 13.19	Lime soil stabilization	2006-09-30
31 32 19.13	Geogrid soil stabilization	2016-04-15
31 32 19.16	Geotextile soil stabilization	2016-04-15
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31 36 19	gabion mattresses	2013-12-31
31 37 00	Rip-rap	2006-09-30
31 53 13	Timber cribwork	2006-09-30
31 61 13	Pile foundations, general requirements	2006-09-30
31 62 13.19	Precast concrete piles	2007-03-31
31 62 16.13	Sheet steel piles	2012-06-30
31 62 16.14	Steel sheet pile cells	2006-09-30
31 62 16.16	Steel H piles	2006-12-31
31 62 16.19	Unfilled tubular steel piles	2006-12-31
31 62 19	Timber piles	2006-12-31
31 63 19	Bored and socketed piles	2012-06-30

31 63 19.13	Rock sockets for piles	2006-09-30
31 63 23	Bored concrete piles	2006-12-31
31 63 24	Compacted expanded-base concrete piles	2006-12-31
31 63 26.16	Concrete caissons for marine construction	2006-12-31

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32 01 11.01	Pavement cleaning and marking removal	2011-06-30
32 01 11.02	Pavement crack cleaning and filling	2012-06-30
32 01 13.01	Flexible paving surface treatment: Single application	2009-12-31
32 01 13.02	Flexible paving surface treatment: Multiple application	2010-06-30
32 01 16.01	Flexible paving surface grooving	2011-06-30
32 01 16.13	Reshaping asphalt pavement	2012-06-30
32 01 18	Routing and sealing pavement cracks	2013-06-30
32 01 90.23	Pruning	2019-04-24
32 01 90.33	Tree and shrub preservation	2019-04-24
32 11 16.01	Granular sub-base	2011-06-30
32 11 17	Reshaping granular roadbed	2006-09-30
32 11 23	Aggregate base courses	2011-06-30
32 11 33	Cement-treated base courses	2007-12-31
32 12 10	Marshall immersion test for bitumen	2010-12-31
32 12 13.16	Asphalt tack coats	2012-06-30
32 12 13.23	Asphalt prime coats	2012-06-30
32 12 16	Asphalt paving	2011-06-30
32 12 16.01	Asphalt paving: Short form	2013-06-30
32 12 16.02	Asphalt paving for building sites	2011-06-30
32 12 19.13	Road-Mix asphalt paving wearing courses	2012-12-31
32 12 36.14	Asphalt seal coat	2013-12-31
32 12 36.16	Coal tar seal coats	2013-12-31
32 13 13	Concrete paving	2014-06-30
32 13 13.01	Concrete paving for building site	2007-12-31
32 13 13.17	Roller compacted concrete paving	2011-06-30
32 14 10	Unit paving on sand bed	2006-09-30
32 14 13	Precast concrete unit paving	2013-12-31
32 15 40	Crushed stone surfacing	2009-12-31
32 15 60	Control	2010-12-31
32 16 00	Curbs, gutters and sidewalks	2017-04-25
32 17 23	Pavement markings	2017-04-25
32 21 00.01	Well pumps	2012-06-30
32 31 13	Chain link fences and gates	2011-06-30
32 31 26	Wire fences and gates	2011-06-30
32 32 26	Metal crib retaining walls	2010-12-31
32 32 34	Reinforced soil retaining walls	2016-04-15
32 33 00	Site furnishings	2016-04-15
32 91 19.13	Topsoil placement and grading	2019-04-24
32 91 19.16	Topsoil placement for vegetated roofs	2019-04-24
32 92 19.13	Mechanical seeding	2019-01-30
32 92 19.16	Hydraulic seeding	2019-01-30
32 92 23	Sodding	2019-01-30
32 93 10	Trees, shrubs and ground cover planting	2019-04-24
32 93 23.13	Interior plantings	2019-04-24

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33 05 16	Maintenance holes and catch basin structures	2013-12-31
33 07 13	Telethermics: Thermal insulation	2010-06-30
33 07 16	Factory pre-insulated piping systems for utility applications	2013-12-31
33 11 00	Groundwater sources	2012-06-30
33 14 16	Site water utility distribution piping	2019-01-30
33 14 16.13	Incoming site water utility distribution piping	2017-10-27
33 31 11	Public sanitary sewerage gravity piping	2019-01-30
33 31 23	Sanitary sewerage force main piping	2019-01-30
33 32 13.13	Packaged sewage lift, wet well type	2012-06-30
33 36 00	Wastewater utility storage tanks	2016-10-26
33 36 33	Utility drainage field	2012-06-30
33 41 00	Storm utility drainage piping	2019-01-30
33 41 16	Subdrainage piping	2011-06-30
33 42 13	Pipe culverts	2011-06-30
33 46 13.01	Foundation and under-slab drainage	2019-01-30
33 46 16.01	Sub-drain backfill sealing with asphalt	2012-06-30
33 47 13	Pond and reservoir liners	2016-04-15
33 47 23	Sanitary sewage lagoons	2013-12-31
33 56 13	Above-ground fuel storage tanks	2019-11-06
33 56 16	Underground fuel storage tanks	2019-11-06
33 65 13	Telethermics: Distribution piping: steel	2019-11-06
33 65 16	Telethermics: Distribution piping: PVC, FRP	2007-03-31
33 65 26	Telethermics: Insulated and plastic jacketed systems	2007-03-31
33 65 29	Telethermics: Directly buried, loose fill insulated systems	2010-12-31
33 65 33	Telethermics: Dryable drainable, testable conduit systems	2017-10-27
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33 65 73	Concrete encased duct banks and manholes	2007-12-31
33 65 76	Direct buried underground cable ducts	2009-06-30
33 71 16.01	Electrical pole lines and hardware	2009-06-30
33 71 73.01	Overhead electrical service	2007-12-31
33 71 73.02	Underground electrical service	2009-06-30
33 77 33	Fuse cutouts and fuse links - Outdoor	2011-12-31

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34 43 05	Common work results for airfield lighting	2016-07-22
34 43 05.39	Airfield light support structures	2017-07-21
34 43 13.11	Airfield beacons and towers	2016-07-26
34 43 13.13	Airfield runway identification lights	2016-07-22
34 43 13.14	Airfield visual alignment guidance system	2016-07-22
34 43 13.15	Airfield illuminated ground navigation signs	2016-07-26
34 43 13.16	Airfield runway and taxiway inset lighting	2016-07-22
34 43 13.17	Airfield elevated edge lighting	2016-07-26
34 43 13.18	Airfield runway guard lights	2016-07-26
34 43 13.23	Airfield simplified short approach lighting system with runway alignment indicator lights (ssalr)	2016-07-26
34 43 13.24	Airfield simplified short approach lighting system- ssals	2016-07-22
34 43 13.26	Airfield omni-directional approach lighting equipment	2016-07-26
34 43 13.30	Airfield medium intensity approach lighting system (mals)	2016-07-22

34 43 13.31	Airfield medium intensity approach light system with runway alignment indicator lights (malsr)	2016-07-22
34 43 13.32	Airfield medium intensity approach lighting system with sequenced flashing lights (malsf)	2016-07-22
34 43 13.35	Approach lighting system cat. ii or cat. iii - alsf-2	2016-07-22
34 43 13.36	Airfield precision-approach path indicator equipment	2016-07-26
34 43 13.43	Airfield apron floodlighting	2016-07-26
34 43 23.16	Airfield wind cones	2016-07-22
34 43 26.13	Airfield lighting control equipment	2012-12-31
34 43 26.16	Airfield lighting plc control equipment	2016-07-22
34 43 26.19	Airfield lighting regulator assembly	2017-07-21
34 71 13.01	Vehicle concrete barriers	2011-06-30
34 71 13.21	Vehicle guide posts	2011-06-30
34 71 13.22	Vehicle post delineators	2014-06-30
34 71 13.25	Vehicle W-beam guide rail	2011-06-30
34 71 13.27	Vehicle cable guide rail	2013-06-30
34 71 13.28	Vehicle box beam guide rail	2011-06-30
34 72 16	Railway siding	2007-12-31
34 73 16.13	Aircraft static grounding	2016-07-26
34 77 13	Passenger boarding bridges	2010-12-31

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35 01 40.51	Waterway maintenance dredging	2016-07-26
35 01 40.92	Preservation of water courses and wetlands	2019-04-24
35 20 24	Dredging	2016-07-26
35 31 19	Revetments	2006-09-30
35 31 23.13	Rubble mound breakwaters	2010-12-31
35 51 23	Pontoons	2006-12-31
35 59 13.19	Rubber marine fenders	2010-12-31
35 59 29	Mooring devices	2006-12-31

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42 20 00	Process cooling equipment	2017-10-27
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End of Prescriptive Technical Specifications

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[based on UnifFormat™]

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A2010	Basement excavation	2014-06-30
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B1010	Floor construction	2014-06-30
B1020	Roof construction	2014-06-30
B2010	Exterior walls	2014-06-30
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C2012	Interior stairways	2014-06-30
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G1020	Site demolition and relocations	2009-06-30
G1030	Site earthwork	2011-06-30
G2010	Roadways	2009-06-30
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G2030	Pedestrian paving	2009-06-30
G2040	Site development	2009-06-30
G2050	Landscaping	2010-12-31

End of Performance-based Specifications

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