

Electrical Inspection Bulletins May 2018

Bulletin	Title	Date	Reference Rule
Section 2			
2-3-16	An application for inspection not required	May-16	2-005
2-5-6	Circuit identification	Oct -16	2-100(3)
<u>2-7-34</u>	<u>Approval of electrical equipment</u>	<u>May-18</u>	<u>2-022 and 2-024</u>
2-8-9	Combustible electrical wiring, cables and totally enclosed non-metallic raceways	Jan-16	2-128, 2-130, 2-132 and 12-010
2-9-6	Working space about electrical equipment	May-16	2-308, 2-310, 2-312
2-10-11	Electrical equipment near combustible gas equipment	Jan-16	2-324 and 6-408
2-11-22	Plans and specifications	Oct-16	2-010
2-12-12	Traffic signal systems	Jan-16	2-024(3), 10-400, 10-404, 12-526, 12-1122, 12-1166, 12-1514, 14-100,16-200 and 75-106
2-14-7	Guidelines on reporting serious electrical Incidents	Jan-16	2-007
2-15-3	ESA inspection requirements for fire alarm systems	Jan-16	2-003, 2-004
2-16-4	Appeals under the OESC process	Jan-16	2-018
2-18-3	Identification of electrical installations (i.e. buildings, lots and services)	Jan-16	2-004(5)
2-19-4	Panel board and breaker replacement	May-16	2-034
2-20-3	Shock and arc flash warning labels	May-16	2-102 and 2-306
2-21-2	Electrical installations that are not compliant with the Ontario Electrical Safety Code	Jan-16	2-018, 2-030
2-22-1	ESA inspection requirements for mandatory testing and maintenance of emergency generators required by the Ontario Building Code	Jan-16	2-003, 2-004
2-25-0	Retrofitted electrical products	May-16	2-022, 2-024 and 2-106(5)
2-26-0	LED retrofits for signs and outline lighting	May-16	2-106(5) and 2-024
2-27-0	Solar powered LED luminaires, signs and flashers	Mar-17	2-004, 2-022 and 2-024
Section 4			
4-3-8	Sizing of neutral conductors	May-16	4-004, 4-006, 4-024, 10-204(2)
4-5-12	Identification and colouring of insulated conductors and cables	Jan-16	4-030, 4-032, 4-038
4-7-10	Cable ampacities for cables rated not more than 5000 V and unshielded	Jan-16	4-004

4-8-6	Diesel locomotive, industrial motor lead cable (DLO)	May-16	4-006, 4-040 and 4-042
4-12-3	Temperature limitations	Oct -16	4-004, 4-006, 6-300(1), 6-310(c), 12-108(2), 12-112, 14-104, Tables 1 to 4, Tables D8A to D11B, Table 12E
4-13-2	Circuit loading of service conductors for dwellings with 100 A overcurrent device	Oct -16	2-100, 4-004(23), 8-106, 8-200, 8-202 and Table 39
4-14-0	Use of flexible cord and cord sets	Mar-17	4-012, 4-020 and 12-020
Section 6			
6-1-15	Consumer's services	Jan-16	6-206, 6-300, 6-312, 2-130 and 26-400
6-3-7	Dual lugged and multiple meter mounting bases	May-16	6-104, 6-200 and 6-402
6-5-3	Service to public transit shelters, telephone booths, signs, CATV amplifiers and etc.	Jan-16	6-200, 6-206
6-7-5	Hot splitters/Tapping existing services	Jan-16	6-200, 6-212 and 12-3032
6-8-3	Transformer rated, meter mounting equipment	May-16	6-100
6-9-0	Attachment methods for service conductors for residential	May-16	6-112, Rule 75-406
Section 8			
<u>8-3-11</u>	<u>Services and feeders for residential occupancies and maximum circuit loading</u>	<u>May-18</u>	<u>8-102, 8-200, 8-202, 8-304 and 32-110</u>
8-4-3	Feeder sizing for portable classrooms	Jan-16	8-204
8-6-2	Voltage drop in dwelling units	May-16	8-102
8-7-0	Use of demand factors and demonstrated loads	May-16	8-106
Section 10			
10-10-7	Grounding of the neutral of a generator connected via transfer equipment	May-16	10-204(1)(c) and 10-206
10-11-6	Grounding electrodes and conductors	Jan-16	10-700, 10-802, and 75-808
10-14-7	Bonding of non-electrical equipment	May-16	10-400, 10-406 and 10-814
10-15-3	System grounding in a multi-gang meter base	Jan-16	10-204, 10-624 and 10-812
10-17-4	Entry of system grounding conductor into service entrance rated combination panel boards	Jan-16	10-806
10-20-4	Grounding of portable generators	May-16	10-204 and 10-206
10-21-4	Clarification of grounding conductor size	Mar-17	10-812, 10-902 and 10-206
10-22-3	Requirements for converting a delta service to a grounded wye service	Oct -16	10-204, 10-624, 10-812, 4-024, 4-028, 4-030, 14-012 and 14-102
10-23-2	Grounding & bonding in farms	May-16	10-208(2) and 10-406(5)
10-24-0	Whole house transfer switch bonding	Oct-17	6-310, 10-204(1)(b), and (1)(c), 10-

Section 12

12-2-17	Underground cable installations and cables for submarine use	Jan-16	12-012
12-7-14	Entry of single conductors to metal enclosures	Jan-16	4-010, 12-3022(7) and 18-060
12-19-12	Non-metallic-sheathed cable (NMSC) wiring methods	May-16	2-034, 2-200, 4-004, 12-500 to 12-526, 12-3012 and 12-3022(3)
12-20-4	Wiring for log type construction	Jan-16	12-100
12-25-3	Unused Wiring (Abandoned or Redundant)	Jan-16	2-126, 12-114 and 12-3000
12-26-4	Conductors over portable classrooms	Jan-16	12-310, 75-300 and 75-602
12-29-3	Raceways installed underground or where moisture may accumulate	Jan-16	12-930(1)
12-30-5	Support of free air vertical drops	May-16	12-1406 and 12-1410
12-31-2	Application of Appliance Wiring Material (AWM)	Jan-16	12-020 and 12-100
12-33-1	Approved enclosures to house instrument transformers and customer energy usage metering devices	Jan-16	6-212(2) and 12-3032
12-35-1	Use of Metallic or non-metallic raceways	Oct-17	12-1102 and 12-1302

Section 14

14-1-3	Conductor sizes for adjustable trip circuit breakers	Jan-16	2-100 and 14-104
14-2-8	Using the primary protection of a transformer to protect the secondary conductors and panel board	May-16	4-006, 14-606, 26-256 and 26-258
14-4-3	Interrupting and withstanding rating	Jan-16	14-012, 14-014 and 2-034
14-5-3	"Back Feeding" of moulded case circuit breakers and panelboards	Jan-16	14-418, 64-112
14-6-3	Ground fault protection	May-16	14-102
<u>14-7-1</u>	<u>Protection of conductors and circuit size</u>	<u>May-18</u>	<u>8-104, 8-106, 14-100 and 14-104</u>

Section 18

18-1-18	Classification of Hazardous Locations	May-16	18-002 and 18-004
18-7-3	Hazardous locations equipment approval requirements	May-16	18-050, 18-062, 18-102, 18-104, 18-152(1)(b), 18-192(1)(b), 18-202(1)(b), and 18-252(1)(b)
18-8-0	Sealing requirements in explosive gas atmospheres	May-16	18-066 and 18-092

Section 20

20-1-4	Wiring in commercial garages, repairs and storage	May-16	20-102(1) and 20-108(2)
20-4-4	Wiring methods for diesel fuel dispensers located in hazardous areas	Jan-16	20-002, 20-004

20-5-3	Automotive teaching areas of educational facilities	May-16	20-100 and 20-400
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22-1-6	Residential sewage lift pumps	May-16	22-100 and 22-400
22-2-5	Wiring in Category I locations where excessive moisture in the form of vapour or liquid is likely to be present	Jan-16	22-002, 22-200
22-3-5	Electrical equipment in confinement barns	May-16	22-002, 22-100, 22-200-22-204, 22-300 and 22-400
22-4-3	Sewage wet wells	Oct-17	18-110, 18-158, 22-702, 22-704 and 22-706
Section 24			
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24-7-4	Dialysis units located in residential occupancies	May-16	24-106
24-8-2	Essential electrical systems and life safety systems in patient care areas	Jan-16	24-300, 24-302, 46-002 and 46-108(5)
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26-14-6	Receptacles for range installations in dwelling units	May-16	26-712, 26-742 and 26-744
26-15-3	Disconnect switch location for furnaces, ground source heat pumps and central units	May-16	26-806, 28-604 and 62-206
26-18-10	Arc fault circuit interrupter (AFCI) in a dwelling unit	Oct-17	26-724
26-20-4	Panel boards – location, working space and mounting height	Jan-16	26-402, 2-308, 2-310, and 6-206
26-22-3	Sprinklered equipment	Jan-16	26-008
26-23-3	Receptacle requirements in kitchens of dwelling units	May-16	26-712(d)
26-24-2	Heating, ventilating, air conditioning (HVAC) & refrigeration installations	May-16	2-116, 4-004, 12-010, 12-012, 12-100, 12-112, 12-506, 12-518, 12-520, 12-610, 12-618, 12-1302, 12-1308, 26-750, 26-806 and 28-604
26-25-3	Tamper-Resistant Receptacles	May-16	26-700, 26-712(g) and (h)
26-26-3	Receptacles for unfinished basements, utility rooms, laundry rooms, laundry closets and bath tub or shower stall areas in residential occupancies	May-16	26-710(e) & (g) and 26-720(b) & (c)
26-27-1	Receptacles for maintenance of HVAC and similar equipment located on rooftops	Jan-16	2-314, 26-704, 26-702
26-28-2	Outdoor Receptacles	May-16	26-702 and 26-710
26-29-2	Electrical replacement and/or alterations in dwelling unit	Oct-17	26-700, 26-702, 26-710, 26-712, 26-724 and 32-110

Section 28

28-1-5 Manual motor controllers Jan-16 28-602(3)

Section 30

30-4-13 Luminaires in or on suspended ceilings Oct-17 30-302(1)

30-6-8 Installation of recessed luminaires, replacement surface-mounted luminaires Jan-16 30-408 and 30-900 to 30-910

30-12-3 Luminaires in buildings of residential occupancy May-16 2-034, 12-3000, 14-010, 26-722, 30-200, 30-204, 30-318, 30-500, 30-502 and 30-504

30-13-0 Roadway lighting systems Jan-16 2-024, 2-138, 30-002, 30-1002, 30-1030 and 30-1300

30-14-0 Bonding of roadway lighting systems Mar-17 30-1024 and 30-1300

Section 32

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32-5-3 Installation of fire pumps May-18 32-204, 32-206 and 32-212

Section 36

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36-6-21 The installation of tamper resistant transformers kiosks, pad mounted transformers and liquid filled equipment in proximity to buildings May-16 26-010, 26-014, 26-242, 36-006 and 36-214

36-8-9 Lightning arrester application Jan-16 26-500 36-000 and 36-308(2)(c)

36-10-20 High voltage grounding and bonding May-18 26-300, 36-300 to 36-312

36-11-6 Disconnecting means for transformers Jan-16 26-250, 14-402, 36-204 and 36-208

36-12-4 Loop feeder & ring buss Jan-16 36-204, 36-208, 14-414, 14-502 14-506 and 26-250

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Section 46

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Section 64

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64-2-0	Grounding and bonding of solar photovoltaic systems	May-16	64-064, 64-066, 64-068, 64-070 and 64-222
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64-4-1	Wiring methods for solar photovoltaic systems	Oct-16	2-034, 64-066, 64-210, 64-216, 64-220, Tables 11 and 19
64-5-0	Installation of solar photovoltaic systems	May-16	64-060, 64-200, 64-214, 84-020, 84-024 and 84-030
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Section 76			
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Section 84			
<u>84-1-11</u>	<u>Interconnection of electric power production sources</u>	<u>May-18</u>	<u>2-010, 64-078, 64-110, 84-004, 8-008, 84-018, 84-022 and 84-030</u>
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<u>86-1-0</u>	<u>Electric vehicle charging systems</u>	<u>May-18</u>	<u>8-106, 8-202, 8-204, 8-206, 8-208, 8-210 and 86-300</u>