

April 2008

Electrical Inspection Bulletins April 2008

Bulletin Number	Title	Date	Reference
0-1-1	Definition of Electrical Inspection	Dec/06	Section 0
0-2-4	Errors & Omissions in 2002 Ontario Electrical Safety Code	Mar/06	Updating
2-1-6	Non-metallic Sheathed Cable and Heating Ducts	Nov/96	Rule 12-506(4)
2-2-5	Unauthorized Connections - Potential Hazard	Apr/02	Rule 2-012
2-3-12	Inspection Process	Apr/08	Rules 2-004, 2-012
2-5-1	Circuit Identification	Nov/96	Rule 2-100(3)
2-7-25	Approval of Electrical Equipment	Apr/08	Rule 2-024
2-8-5	Flame Spread Requirements for Electrical Wiring and Cables with Combustible Outer Jackets	May/03	Rule 2-126
2-9-1	Working Space About Electrical Equipment	Jan/99	Rules 2-308, 2-310
2-10-5	Separation Between Electrical Equipment and Natural Gas Vents and Meters	Apr/07	Rule 2-322
2-11-16	Plans and Specifications	Dec/07	Rule 2-010
2-12-7	Traffic Signal Systems	Apr/08	Rules 2-024(5), 10-400, 10-404, 12-526, 12-1122, 12-1166, 12-1516, 16-200
2-13-3	Requirements for the Installation of Animal Stunners	Mar/06	Rule 2-004, 2-006, 2-024
2-14-4	Guidelines on Reporting Serious Electrical Accidents	Apr/07	Rule 2-007
2-15-0	Inspection Requirements for Fire Alarm Systems	May/03	Rules 2-003, 2-004
2-16-0	Appeals under the OESC Process	May/04	Rule 2-018
2-17-1	Sub-Station Maintenance For A.C.P.	Jul/07	Rule 2-012
2-18-0	Authorized Contractor Program	Sept/05	Rule 2-004(5)
2-19-1	Panelboard and Breaker Replacement	Dec/07	Rule 2-034
2-20-0	Shock and Flash Protection	Jul/07	Rule 2-306
4-3-4	Sizing of Neutral Conductors	Jul/01	Rule 4-022(1)
4-5-9	Service Neutral	Jul/07	Rules 4-022, 4-028, 4-036
4-7-6	Cable Ampacities	Nov/02	Rule 4-004
4-8-3	Dual Marked Cables T 90 / TWN 75	Apr/07	Rule 4-006

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4-9-1	Requirements for Delta to Wye Conversions	May/04	Rules 4-026, 4-028, 4-036, 10-204, 10-206
4-10-3	Conductor Colour Coding	Oct/01	Rule 4-028, 4-034(4) 4-036(1)
4-11-1	Size of Cables in Underground Services	Jan/98	Rules 4-004, 14-104
4-12-0	Flexible Cable for Connection of Standby Generators	Apr/02	Rules 4-010, 4-038
4-13-0	Neutral Supported Cables	Sept/06	Rules 4-004(5), 8
6-1-12	Service Entrances	Dec/03	Rules 6-206, 6-214, 6-300, 6-312
6-3-4	Dual Lugged and Multiple Meter Mounting Bases	Jul/07	Rule 6-104, 6-200
6-4-0	Underground Consumer's Services	Apr/98	Rule 6-300
6-5-0	Service to Public Transit Shelters, Telephone Booths, Signs, CATV Amplifiers, Etc.	Jan/99	Rules 6-200, 6-206
6-7-1	Hot Splitters/Tapping Existing Services	May/03	Rules 6-200, 6-212, 12-3034
6-8-0	Transformer Rated, Meter Mounting Equipment	Mar/05	Rule 6-100
8-3-4	Maximum Circuit Loading	May/03	Rules 8-200, 8-202
8-4-0	Feeder Sizing for Portable Classrooms	Apr/99	Rule 8-204
10-9-1	Grounding Consumers Services in Barns	May/03	Rules 10-204, 10-700, 10-812
10-10-4	Grounding of the Neutral of a Generator	Jun/06	Rule 10-204(1)(d)
10-11-3	Grounding Electrodes	Oct/01	Rules 10-700, 10-702, 10-902
10-12-2	Ground Electrodes for Portable Classrooms and Buildings Supplied from Central Metering Systems	Jan/00	Rules 10-702, 14-102
10-13-0	Bonding Steel Masts	July/98	Rules 10-300, 10-604
10-14-2	Bonding of Non-Electrical Equipment	Jul/02	Rules 10-400, 10-406(4), 10-604, 10-814
10-15-0	System Grounding in a Meter Base	Oct/98	Rule 10-204
10-16-0	Grounding & Bonding Requirements for Deep Well Submersible Pumps Installed in Wells with Metal Casings	Jan/99	Rules 10-700, 26-954(d)
10-17-1	Entry of System Ground Conductors Into Service Entrance Rated Combination Panelboards	Dec/05	Rule 10-806
10-18-0	Grounding the Primary Side Neutral on Wye-Delta Connection	Jul/02	Rule 10-206
10-19-1	Computer Room Floor Bonding	Jul/07	Rule 10-406(6)
10-20-0	Grounding of Portable Generators	Dec/07	Rule 10-106
12-2-14	Cables for Underground Use	May/03	Rules 4-006, 12-012, 75-328
12-3-3	Extensions from Wireways, Busways, and	Nov/96	Rules 12-2002, 12-2108

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	Data Processing Equipment		
12-4-8	Neutral Supported Cables	Sept/06	Rules 12-318, 75-308, 75-318, 75-320, 75-322 75-324
12-7-11	Entry of Single Conductors to Metal Enclosures	Apr/99	Rules 12-3024(7), 4-008, 18-062(2)
12-10-6	Distribution Systems for Apartment Buildings - Plans	Nov/96	Rule 2-010, 8-102, 26-402, 26-720
12-14-0	Bus Duct Installations	Nov/96	Rule 12-2008
12-15-7	Conduit and Conductor Sizes for UPGRADED 100 and 150 Ampere Services	Apr/08	Rule 12-1014
12-16-2	Wiring Methods with Post-Tensioned Floor Slabs	Nov/96	Rules 12-1600, 12-1718, 12-2100
12-18-2	Use of Nonmetallic Sheathed Cable near Masonry Core Slab and Hollow Block Construction	Apr/99	Rule 12-504, 2-200
12-19-8	Nonmetallic Sheathed Cables Wiring Methods	Apr/07	Rules 12-500 to 12-526, 12-3012
12-20-1	Wiring for Log Type Construction	Sept/05	Rule 12-100
12-21-3	Nonmetallic Raceways	Dec/03	Rules 12-1502, 12-1504, 12-1302
12-23-1	Terminating Stranded Aluminum Conductor Cables	Jan/99	Rules 12-118, 02-034, 75-322
12-24-1	Entry of Conductors into Enclosed Fusible Switches	May/03	Rule 12-3034(3)
12-25-0	Unused Wiring (Abandoned or Redundant)	Jan/99	Rules 12-114, 12-3002
12-26-1	Conductors Over Portable Classrooms	Dec/07	Rules 12-310
12-27-1	Knob and Tube Wiring in Residential Installations	Dec/03	Rule 12-200
12-28-0	Aluminum Wiring in Residential Installations	Aug/04	Rule 12-118
12-29-0	Raceways Installed Underground or Where Moisture May Accumulate	Dec/07	Rule 12-928(1)
12-30-0	Support of Free-air Vertical Drops of EMT	Dec/07	Rule 12-1404
14-1-0	Conductor Sizes for Adjustable Trip Circuit Breakers	Nov/96	Rules 2-100, 14-104
14-2-3	Panelboard Overcurrent Protection	Jul/07	Rules 14-606, 26-256 26-258
14-3-0	Protection of Conductors to Ground Indicating Devices	Jan/98	Rules 14-010, 14-100
14-4-0	Interrupting and Withstand Ratings	Apr/98	Rules 14-012, 14-014, 2-034
14-5-0	“Back Feeding” of Moulded Case Circuit Breakers and Panelboards	July/99	Rule 14-418
14-6-0	Ground Fault Protection	Jan/01	Rule 14-102

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16-2-4	Approval of Devices on Class 2 Circuits	Dec/05	Rule 16-222
18-1-13	Classification of Hazardous Locations	Dec/06	Rule 18-004
18-4-4	Classification of Woodworking Plants	Jul/00	Rule 18-004
18-5-0	Sealing Armoured Cable in Hazardous Locations	Nov/96	Rules 18-108, 18-158
18-6-2	Alternate Electrical Requirements For Sewage Pumping Station Wet Wells	Dec/06	Rule 18-004
20-1-1	Wiring in Commercial Garages, Repairs and Storage	Jun/05	Rules 20-102(5), 20-108(2)
20-2-0	Supply to Gasoline Dispensers	Jan/00	Rule 20-002(1), 12-012(4)
20-3-0	Classification of Vehicle Showrooms	Dec/03	Rule 20-102(5)
20-4-0	Wiring Methods for Diesel Fuel Dispensers Located in Hazardous Areas	May/04	Rule 20-002
20-5-0	Automotive Teaching Areas of Educational Facilities	Dec/07	Rules 20-100, 20-400
22-1-3	Residential Sewage Lift Pumps	Oct/99	Rules 22-100, 28-604
22-2-1	Wiring in Locations Where Corrosive Liquids, Vapours Or Excessive Moisture Are Likely To Be Present	Nov/02	Section 22
22-3-0	Overcurrent Devices in Hog Barns	Apr/02	Rule 22-100(2)
24-1-3	Wiring in Patient Care Areas	Jul/07	Rule 24-104, 24-116
24-2-1	Health Care Facilities	Mar/05	Section 24
24-7-0	Home Dialysis Units located in Residential Occupancies	Jun/05	Rule 24-106
26-5-6	U Ground Receptacles on Circuits Without a Bonding Conductor	Oct/99	Rules 26-700, 10-516
26-13-10	Ground Fault Circuit Interrupter Protection on Receptacles	Sept/05	Rules 26-700(11) 26-700(12), 26-710(f), 26-712(d)(iii), 26-714, 12-3036, Tables 22 and 23
26-14-3	Electric Range Installations	Sept/05	Rules 26-742, 26-744
26-15-1	Furnace Switch Location	May/03	Rule 26-806, 28-604
26-16-0	Circuits Derived From Auto-transformers	May/97	Rule 26-264(4)
26-17-0	Electrical Equipment Vaults on Customer's Premises	Oct/99	Rules 26-012, 26-350 to 26-356, 36-100
26-18-1	Arc Fault Interrupter (AFCIs) in Sleeping Facilities of a Dwelling Unit	Feb/03	Rule 26-722(f)(g)
26-19-0	Receptacles Required for a Porch or Balcony	Feb/03	Rules 26-712(b), 26-714(a)(b), 26-724(a), 26-702
26-20-0	Location of Panelboards	Jun/06	Rules 26-402, 2-308, 2-310
26-21-0	General Receptacles	Jul/07	Rule 26-700(8)

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	26-22-0	Sprinklered Equipment	Apr/08	Rule 26-008
	28-1-1	Manual Motor Controllers	Aug/04	Rule 28-602(3)(1)(b)
	30-4-6	Lighting Fixtures in or on Suspended Ceilings	Dec/07	Rule 30-302(1)
	30-5-2	Pole Mounted Outdoor Lighting	Apr/99	Rules 30-1008, 14-110, 75-602, 30-1030
	30-6-4	Installation of Recessed Luminaries	Apr/07	Rules 30-900 – 30-910
	30-8-2	Ballasts Installed on Screw-Shell Lampholders	Aug/03	Rule 30-108
	30-9-6	Roadway Lighting Systems	Apr/08	Rules 2-024(5), 30-1000 to 30-1036
	30-10-0	Lighting Equipment in Damp Locations or near Grounded Metal (see Appendix B	Dec/06	Rule 30-322
	30-11-0	Fluorescent Luminaires – Disconnecting Means	Jul/07	Rule 30-308(4)
	32-1-0	Interconnected Smoke Alarms	Nov/96	Rule 32-110
	32-2-2	Fire Alarm Installation Wiring Methods	July/98	Rule 32-102
	32-3-2	Aerial Cable for Fire Alarm to Portable Classrooms	Nov/04	Rules 12-300 to 12-318, 32-100
	32-4-1	Fire Alarm Bonding Methods	Oct/00	Rules 32-104, 4-036
	34-1-0	Bonding Requirements for Neon Signs with Nonmetallic Raceways	Dec/03	Rule 34-408(2)
	36-1-22	Requirements for High Voltage Installations	Apr/07	Rule 36-000, 36-006
	36-3-1	Visible Isolation - High Potential Installations	Nov/96	Rule 36-214
	36-5-8	Isolation of Live Parts in Stations	Jan/98	Rule 36-110
	36-6-18	Requirements for the Installation of Tamper Resistant Transformer Kiosks and Tamper Resistant Pad Mounted Transformers	Dec/07	Rules 2-024, 26-010, 26-014, 26-242, 26-300 to 26-324, 36-006, 36-300 to 36-310
	36-7-9	BIL Requirements for H.V. Equipment	Dec/05	Rule 2-034
	36-8-6	Lightning Arrester Application	Dec/07	Rule 26-500, 36-000, 36-208(2)(c)
	36-9-1	Termination of Grounded Neutral Conductors at Station Structures	Nov/96	Rule 36-308
	36-10-14	High Voltage Grounding and Bonding	Apr/07	Rules 36-300 to 36-312
	36-11-3	Disconnecting Means for Transformers	Jun/05	Rules 26-250, 14-402, 36-204, 36-208
	36-12-1	Loop Feeders & Ring Buss	Jun/06	Rules 36-204, 36-208, 14-414, 14-502, 14-506 and 26-250
	36-14-0	Ultimate vs. Available Short Circuit Fault Current	Mar/05	Rules 36-202, 14-012

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36-15-3	High Voltage Equipment Standards	Jul/07	Rules 36-110, 2-024(4), 26-010
36-16-0	Cable Insulation (Voltage Ratings)	Nov/04	Rule 36-100
36-17-1	Disconnecting Means for Customer-Owned High Voltage Installations	Mar/06	Rule 36-200, 36-204
46-1-4	Emergency Lighting and Exit Signs	July/98	Rule 46-304, 46-400
46-2-0	Approval of Automatic Transfer Devices in Switchboards	Oct/01	Rules 2-034, 46-000
46-3-0	Method of Wiring for Emergency Systems	Jul/07	Rule 46-108/(3)
62-6-0	Demand Calculations for Thermal Storage Heaters	Jan/99	Rule 62-116(2)
62-7-0	Sauna Heaters	July/99	Rule 62-500
62-8-0	Electric Surface Heating	Dec/06	Rule 62-300(4)
66-2-0	Use of Portable Power Cables for Temporary Power Systems in the Entertainment Industry	May/04	Rule 66-450
66-3-1	Requirements of Disconnects at “Tap” Points in an Entertainment Industry Portable Power System	Jun/06	Rule 14-100(b)(ii)
68-6-1	Bonding Galvanized Metal Pool Shells	Apr/99	Rule 68-058
68-7-4	Swimming Pool, Hot Tub and Spa Installations	Dec/06	Section 68
72-1-2	Connection Facilities for Recreational Vehicles	Nov/02	Rule 72-110(1) (b), (4)
75-3-2	Acceptable Surface Attachment Methods for Residential Service Mast Retrofits	Jul/07	Rule 75-502, 6-112
75-4-0	Free Standing Terminal Pole	Jul/00	Rule 75-206(3)a, 75-248
75-5-0	Neutral Supported Cables	Mar/06	Rule 75-306, Table 19
76-1-5	Temporary Service Entrance Equipment	Apr/08	Rule 76-008, 75-248(3)
84-1-3	Interconnection of Electric Power Production Sources	Apr/07	Section 84, Rule 2-010
GI-1-70	Electrical Inspection Business Telephone Listing	Apr/08	Updating
GI-2-68	Field Evaluations Telephone Listing	Apr/08	Updating