# Energy Safe Victoria – 2019 Defect list

**Effective 2 January 2019**

## Scope

The scope of the 2019 Defect list is to assist the electrical industry to correctly record defects as required by the *Electricity Safety (Installations) Regulations*.

## Application

Where the electrical installation work being inspected and/or audited, does not comply with the minimum requirements of the relevant section of the Act, regulation or clause of the Standards, then the defect number allocated to that particular section/regulation/clause must be identified on the Certificate of Inspection or the Audit Form.

## Electrical installations work defects

The following criteria has been utilised to allocate the selection of 'Unsafe' defects in the defect list.

- Immediately unsafe: the ability for a person to make contact with exposed metal that may be live or may become live when energised where only one action is required by a person or animal to come into contact with those live parts; and,
- Any requirements of the Legislation and or Standards intended to protect persons and livestock from electric shock hazards that may arise from the use of an electrical installation.

An electrical installation or electrical installation work deemed unsafe by an Electrical Inspector or Electrical Auditor must be isolated from supply, or the individual circuit disconnected and made safe.

## Data collection

Data collected from defects identified on the Certificate of Inspection and completed audits will be used for future targeted education and training.

Note: Energy Safe Victoria no longer provides descriptive content to each defect identified in the COES defect recording system.

# Energy Safe Victoria – 2019 Defective list

## Effective 2 January 2019

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 111001 | ES Act 1998 | 41A | Responsible person | Technical |
| 111002 | ES Act 1998 | 43 (1) | Safety of electrical installations | Technical |
| 112002 | ES Act 1998 | 43 (1) | Safety of electrical installations | Unsafe |
| 111003 | ES Act 1998 | 43 (1A) | Safety of electrical installations | Technical |
| 112003 | ES Act 1998 | 43 (1A) | Safety of electrical installations | Unsafe |
| 111004 | ES Act 1998 | 43 (2) | Safety of electrical installations | Technical |
| 112004 | ES Act 1998 | 43 (2) | Safety of electrical installations | Unsafe |
| 111005 | ES Act 1998 | 43(4) | Safety of electrical installations | Technical |
| 112005 | ES Act 1998 | 43(4) | Safety of electrical installations | Unsafe |
| 111006 | ES Act 1998 | 43A | Safety of electrical installations—building work | Technical |
| 112006 | ES Act 1998 | 43A | Safety of electrical installations—building work | Unsafe |
| 111007 | ES Act 1998 | 44 (1)(a) | Compliance and testing of electrical installation work | Technical |
| 111008 | ES Act 1998 | 44 (1)(b) | Compliance and testing of electrical installation work | Technical |
| 111009 | ES Act 1998 | 44 (3) | Compliance and testing of electrical installation work | Technical |
| 111010 | ES Act 1998 | 45(1) | Inspection of electrical installation work | Technical |
| 111011 | ES Act 1998 | 45(2) | Inspection of electrical installation work | Technical |
| 111012 | ES Act 1998 | 45A | Certificates of Electrical Safety | Technical |
| 111013 | ES Act 1998 | 45A | Certificates of Electrical Safety | Technical |
| 111014 | ES Act 1998 | 45A (6) | Certificates of Electrical Safety | Technical |
| 111015 | ES Act 1998 | 45A (1)(b) | Certificates of Electrical Safety | Technical |
| 111016 | ES Act 1998 | 45A (2) | Certificates of Electrical Safety | Technical |
| 111017 | ES Act 1998 | 45A | Certificates of Electrical Safety - incorrect certificate type | Technical |
| 111018 | ES Act 1998 | 45A | Certificates of Electrical Safety - CoC errors | Technical |
| 111019 | ES Act 1998 | 63 | Prohibition notice | Technical |
| 111020 | ES Act 1998 | 63 | Prohibition notice | Unsafe |
| 111021 | ES Act 1998 | 65 | Recall Notice | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 121001 | ES(Inst) R 2009 | 202 | Wiring methods | Technical |
| 121002 | ES(Inst) R 2009 | 203(1) | Electrical installations installed before commencement of these regulations | Technical |
| 121003 | ES(Inst) R 2009 | 204(1) | Part 1 solutions | Technical |
| 122004 | ES(Inst) R 2009 | 204(2) | Part 1 solutions | Unsafe |
| 121005 | ES(Inst) R 2009 | 204(3) | Part 1 solutions | Technical |
| 121006 | ES(Inst) R 2009 | 204(4) | Part 1 solutions | Technical |
| 121007 | ES(Inst) R 2009 | 204(5) | Part 1 solutions | Technical |
| 121008 | ES(Inst) R 2009 | 204(6)(a) | Part 1 solutions | Technical |
| 121009 | ES(Inst) R 2009 | 204(6)(b) | Part 1 solutions | Technical |
| 121010 | ES(Inst) R 2009 | 204(7) | Part 1 solutions | Technical |
| 121011 | ES(Inst) R 2009 | 204(8) | Part 1 solutions | Technical |
| 121012 | ES(Inst) R 2009 | 204(9) | Part 1 solutions | Technical |
| 121013 | ES(Inst) R 2009 | 205(1) | Control of electrical installations | Technical |
| 121014 | ES(Inst) R 2009 | 205(2) | Control of electrical installations | Technical |
| 121015 | ES(Inst) R 2009 | 206 | Multiple earthed neutral (MEN) system | Technical |
| 121016 | ES(Inst) R 2009 | 207 | Main earthing conductor | Technical |
| 121017 | ES(Inst) R 2009 | 208 | Low voltage neutral earthing within substations | Technical |
| 121018 | ES(Inst) R 2009 | 209(1) | Multiple occupancy buildings, subdivisions and wiring passing through private land | Technical |
| 121019 | ES(Inst) R 2009 | 209(2) | Multiple occupancy buildings, subdivisions and wiring passing through private land | Technical |
| 121020 | ES(Inst) R 2009 | 209(3) | Multiple occupancy buildings, subdivisions and wiring passing through private land | Technical |
| 121021 | ES(Inst) R 2009 | 210 | Premises with consumer electricity generation systems | Technical |
| 121022 | ES(Inst) R 2009 | 211 | Electric security fences | Technical |
| 121023 | ES(Inst) R 2009 | 212 | Bonding of support for low voltage overhead service | Technical |
| 121024 | ES(Inst) R 2009 | 213(1) | Protection of underground consumer's mains | Technical |
| 121025 | ES(Inst) R 2009 | 214(1) | Construction of underground consumer's mains | Technical |
| 121026 | ES(Inst) R 2009 | 214(2) | Construction of underground consumer's mains | Technical |
| 121027 | ES(Inst) R 2009 | 214(3) | Construction of underground consumer's mains | Technical |
| 121028 | ES(Inst) R 2009 | 214(4) | Construction of underground consumer's mains | Technical |
| 121029 | ES(Inst) R 2009 | 214(5) | Construction of underground consumer's mains | Technical |
| 121030 | ES(Inst) R 2009 | 215 | Construction of consumer's mains within a structure | Technical |
| 121031 | ES(Inst) R 2009 | 216(1) | Mechanical cover of consumer's mains | Technical |
| 121032 | ES(Inst) R 2009 | 216(2) | Mechanical cover of consumer's mains | Technical |
| 121033 | ES(Inst) R 2009 | 217(1) | Minimum depths of high voltage underground lines and underground lines on public land and on private land not owned or leased by the owner of the line | Technical |
| 121034 | ES(Inst) R 2009 | 218(1) | Route of underground lines | Technical |
| 121035 | ES(Inst) R 2009 | 218(2) | Route of underground lines | Technical |
| 121036 | ES(Inst) R 2009 | 218(3) | Route of underground lines | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 121037 | ES(Inst) R 2009 | 218(4) | Route of underground lines | Technical |
| 121038 | ES(Inst) R 2009 | 219(1) | Mechanical protection of underground lines above the ground on public land and on private land not owned or leased by the owner of the line | Technical |
| 121039 | ES(Inst) R 2009 | 219(2) | Mechanical protection of underground lines above the ground on public land and on private land not owned or leased by the owner of the line | Technical |
| 121040 | ES(Inst) R 2009 | 219(3) | Mechanical protection of underground lines above the ground on public land and on private land not owned or leased by the owner of the line | Technical |
| 121041 | ES(Inst) R 2009 | 219(4) | Mechanical protection of underground lines above the ground on public land and on private land not owned or leased by the owner of the line | Technical |
| 122042 | ES(Inst) R 2009 | 220(1) | Private electric lines | Unsafe |
| 121043 | ES(Inst) R 2009 | 220(2) | Private electric lines | Technical |
| 121044 | ES(Inst) R 2009 | 220(3) | Private electric lines | Technical |
| 121045 | ES(Inst) R 2009 | 221(1) | Emergency restoration of private electric aerial lines in high bushfire risk areas | Technical |
| 121046 | ES(Inst) R 2009 | 221(2) | Emergency restoration of private electric aerial lines in high bushfire risk areas | Technical |
| 121047 | ES(Inst) R 2009 | 221(3) | Emergency restoration of private electric aerial lines in high bushfire risk areas | Technical |
| 121048 | ES(Inst) R 2009 | 221(4) | Emergency restoration of private electric aerial lines in high bushfire risk areas | Technical |
| 121049 | ES(Inst) R 2009 | 222 | Construction and maintenance of poles and towers | Technical |
| 121050 | ES(Inst) R 2009 | 223(1) | Minimum distances between aerial lines and the ground or water | Technical |
| 121051 | ES(Inst) R 2009 | 223(2) | Minimum distances between aerial lines and the ground or water | Technical |
| 121052 | ES(Inst) R 2009 | 223(3) | Minimum distances between aerial lines and the ground or water | Technical |
| 121053 | ES(Inst) R 2009 | 224(1) | Aerial lines and the façade of buildings | Technical |
| 121054 | ES(Inst) R 2009 | 224(2) | Aerial lines and the façade of buildings | Technical |
| 121055 | ES(Inst) R 2009 | 225(1) | Minimum distances between aerial lines and buildings or structures | Technical |
| 121056 | ES(Inst) R 2009 | 225(2) | Minimum distances between aerial lines and buildings or structures | Technical |
| 121057 | ES(Inst) R 2009 | 226(1) | Minimum distances between aerial lines and parts of small gauge train systems | Technical |
| 121058 | ES(Inst) R 2009 | 226(2) | Minimum distances between aerial lines and parts of small gauge train systems | Technical |
| 121059 | ES(Inst) R 2009 | 227 | Minimum distances between aerial lines and parts of small gauge tram systems | Technical |
| 121060 | ES(Inst) R 2009 | 228(1) | Minimum distances between aerial lines | Technical |
| 121061 | ES(Inst) R 2009 | 228(2) | Minimum distances between aerial lines | Technical |
| 121062 | ES(Inst) R 2009 | 228(3) | Minimum distances between aerial lines | Technical |
| 121063 | ES(Inst) R 2009 | 229 | Minimum distance from the ground for substations | Technical |
| 121064 | ES(Inst) R 2009 | 230 | Marking of electric lines | Technical |
| 123065 | ES(Inst) R 2009 | 231(1) | Testing | Testing |
| 123066 | ES(Inst) R 2009 | 231(2) | Testing | Testing |
| 123067 | ES(Inst) R 2009 | 231(3) | Testing | Testing |
| 123068 | ES(Inst) R 2009 | 231(4) | Testing | Testing |
| 121069 | ES(Inst) R 2009 | 232 | Safety services | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 121070 | ES(Inst) R 2009 | 233 | Earthing and electrical protection up to protective equipment | Technical |
| 121071 | ES(Inst) R 2009 | 234 | Service lines and electricity supplies | Technical |
| 121072 | ES(Inst) R 2009 | 235(1) | Installation of protective equipment | Technical |
| 121073 | ES(Inst) R 2009 | 235(2) | Installation of protective equipment | Technical |
| 121074 | ES(Inst) R 2009 | 235(3) | Installation of protective equipment | Technical |
| 121075 | ES(Inst) R 2009 | 236 | Suppliers must ensure use of double insulation | Technical |
| 121076 | ES(Inst) R 2009 | 237(1) | Supply of electricity to premises | Technical |
| 121077 | ES(Inst) R 2009 | 237(2) | Supply of electricity to premises | Technical |
| 121078 | ES(Inst) R 2009 | 238(1) | Prescribed electrical installation work | Technical |
| 121079 | ES(Inst) R 2009 | 238(2) | Prescribed electrical installation work | Technical |
| 121080 | ES(Inst) R 2009 | 238(3) | Prescribed electrical installation work | Technical |
| 121081 | ES(Inst) R 2009 | 239(1) | Inspection of prescribed electrical installation work | Technical |
| 121082 | ES(Inst) R 2009 | 239(2) | Inspection of prescribed electrical installation work | Technical |
| 121083 | ES(Inst) R 2009 | 240 | Certificates of inspection | Technical |
| 121084 | ES(Inst) R 2009 | 241 | Details to be accurate and legible—certificate of inspection | Technical |
| 121085 | ES(Inst) R 2009 | 242(1) | Obligations of licensed electrical inspectors | Technical |
| 121086 | ES(Inst) R 2009 | 242(2) | Obligations of licensed electrical inspectors | Technical |
| 121087 | ES(Inst) R 2009 | 243(1) | Notification of completion of certificate of inspection | Technical |
| 121088 | ES(Inst) R 2009 | 243(2) | Notification of completion of certificate of inspection | Technical |
| 121089 | ES(Inst) R 2009 | 244 | Licensed electrical inspectors must retain a copy of certificates of inspection | Technical |
| 121090 | ES(Inst) R 2009 | 245 | Licensed electrical inspectors must not inspect their own work | Technical |
| 121091 | ES(Inst) R 2009 | 246 | Licensed electrical inspectors must not inspect work if involved with the design of the work | Technical |
| 121092 | ES(Inst) R 2009 | 247 | Installation work responsible person must not use an employee to inspect any work they are responsible for | Technical |
| 121093 | ES(Inst) R 2009 | 248 | Notification of defects by inspectors | Technical |
| 121094 | ES(Inst) R 2009 | 250(3) | Notification of defects by Energy Safe Victoria | Technical |
| 121095 | ES(Inst) R 2009 | 249(1) | Inspector must note defects on certificate of inspection | Technical |
| 121096 | ES(Inst) R 2009 | 251(1) | Certificates of compliance | Technical |
| 121097 | ES(Inst) R 2009 | 252 | Details to be accurate and legible—certificate of compliance | Technical |
| 121098 | ES(Inst) R 2009 | 253(1) | Notification of completion of certificate of compliance | Technical |
| 121099 | ES(Inst) R 2009 | 254 | Installation work responsible person must retain a copy of certificates of compliance | Technical |
| 121100 | ES(Inst) R 2009 | 256(1) | Reporting of incidents | Technical |
| 121101 | ES(Inst) R 2009 | 256(2) | Reporting of incidents | Technical |
| 121102 | ES(Inst) R 2009 | 256(3) | Reporting of incidents | Technical |
| 121103 | ES(Inst) R 2009 | 257 | Reporting of incidents—fire control authorities | Technical |
| 121104 | ES(Inst) R 2009 | 258 | Records to be maintained | Technical |
| 121105 | ES(Inst) R 2009 | 301(1) | General duties—high voltage electrical installations | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 121106 | ES(Inst) R 2009 | 301(2) | General duties—high voltage electrical installations | Technical |
| 121107 | ES(Inst) R 2009 | 302(1) | General duties—complex electrical installations | Technical |
| 121108 | ES(Inst) R 2009 | 302(2) | General duties—complex electrical installations | Technical |
| 121109 | ES(Inst) R 2009 | 303(1) | General duties—small gauge railways | Technical |
| 121110 | ES(Inst) R 2009 | 303(2) | General duties—small gauge railways | Technical |
| 121111 | ES(Inst) R 2009 | 304 | Application | Technical |
| 121112 | ES(Inst) R 2009 | 305 | Sporting activities | Technical |
| 121113 | ES(Inst) R 2009 | 306 | Aircraft, kites etc. | Technical |
| 121114 | ES(Inst) R 2009 | 307 | Entangled objects | Technical |
| 121115 | ES(Inst) R 2009 | 308 | Blasting and fires | Technical |
| 121116 | ES(Inst) R 2009 | 309 | Protection of underground electrical installations from damage | Technical |
| 121117 | ES(Inst) R 2009 | 310(1) | Excavating—private land | Technical |
| 121118 | ES(Inst) R 2009 | 310(2) | Excavating—private land | Technical |
| 121119 | ES(Inst) R 2009 | 310(3) | Excavating—private land | Technical |
| 121120 | ES(Inst) R 2009 | 311(1) | Excavating—public land and easements | Technical |
| 121121 | ES(Inst) R 2009 | 311(2) | Excavating—public land and easements | Technical |
| 121122 | ES(Inst) R 2009 | 311(3) | Excavating—public land and easements | Technical |
| 121123 | ES(Inst) R 2009 | 312(1) | Altering levels | Technical |
| 121124 | ES(Inst) R 2009 | 312(2) | Altering levels | Technical |
| 121125 | ES(Inst) R 2009 | 312(3) | Altering levels | Technical |
| 121126 | ES(Inst) R 2009 | 313 | Minimum distances between parts of buildings, structures, scaffolding and posts and aerial lines | Technical |
| 121127 | ES(Inst) R 2009 | 314 | Minimum distances between materials and certain aerial lines | Technical |
| 121128 | ES(Inst) R 2009 | 315 | Minimum distances between parts of vehicles, vessels, plant, machinery and aerial lines | Technical |
| 121129 | ES(Inst) R 2009 | 316 | Minimum distances between transported loads and aerial lines | Technical |
| 121130 | ES(Inst) R 2009 | 317(1) | Minimum distances between aerial lines | Technical |
| 121131 | ES(Inst) R 2009 | 317(2) | Minimum distances between aerial lines | Technical |
| 121132 | ES(Inst) R 2009 | 317(3) | Minimum distances between aerial lines | Technical |
| 121133 | ES(Inst) R 2009 | 317(4) | Minimum distances between aerial lines | Technical |
| 121134 | ES(Inst) R 2009 | 318(1) | Minimum distances between persons and aerial lines | Technical |
| 121135 | ES(Inst) R 2009 | 318(1) | Minimum distances between persons and aerial lines | Technical |
| 121136 | ES(Inst) R 2009 | 319(1) | Tree clearing | Technical |
| 121137 | ES(Inst) R 2009 | 319(2) | Tree clearing | Technical |
| 121138 | ES(Inst) R 2009 | 320(1) | Damage and interference | Technical |
| 121139 | ES(Inst) R 2009 | 320(2) | Damage and interference | Technical |
| 121140 | ES(Inst) R 2009 | 321 | Placing of materials | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211001 | 3000:2018 | 1.5.1 | Protection against dangers and damage | Technical |
| 211002 | 3000:2018 | 1.5.2 | Control and isolation | Technical |
| 212003 | 3000:2018 | 1.5.3.1 | Protection against electric shock - General | Unsafe |
| 211004 | 3000:2018 | 1.5.3.2 | Methods of protection | Technical |
| 212005 | 3000:2018 | 1.5.4.1 | Basic protection - General | Unsafe |
| 212006 | 3000:2018 | 1.5.4.2 | Methods of protection | Unsafe |
| 212007 | 3000:2018 | 1.5.4.3 | Protection by insulation | Unsafe |
| 212008 | 3000:2018 | 1.5.4.4 | Protection by barriers or enclosures | Unsafe |
| 212009 | 3000:2018 | 1.5.4.5 | Protection by obstacles | Unsafe |
| 212010 | 3000:2018 | 1.5.4.6 | Protection by placing out of reach | Unsafe |
| 211011 | 3000:2018 | 1.5.5.1 | Fault protection - General | Technical |
| 211012 | 3000:2018 | 1.5.5.2 | Methods of protection | Technical |
| 211013 | 3000:2018 | 1.5.5.3 | Protection by automatic disconnection of supply | Technical |
| 211014 | 3000:2018 | 1.5.5.4 | Protection by the use of Class II equipment or by equivalent insulation | Technical |
| 211015 | 3000:2018 | 1.5.5.5 | Protection by electrical separation | Technical |
| 211016 | 3000:2018 | 1.5.6.1 | Additional protection by the use of RCDs - Basic protection | Technical |
| 211017 | 3000:2018 | 1.5.6.2 | Additional protection by the use of RCDs - Fault protection | Technical |
| 212018 | 3000:2018 | 1.5.6.3 | Additional protection by the use of RCDs - Where required | Unsafe |
| 212019 | 3000:2018 | 1.5.7 | Basic and fault protection by use of extra-low voltage | Unsafe |
| 212020 | 3000:2018 | 1.5.8 | Protection against thermal effects in normal service | Unsafe |
| 212021 | 3000:2018 | 1.5.9 | Protection against overcurrent | Unsafe |
| 211022 | 3000:2018 | 1.5.10 | Protection against earth fault currents | Technical |
| 211023 | 3000:2018 | 1.5.11.1 | Protection against abnormal voltages - General | Technical |
| 211024 | 3000:2018 | 1.5.11.2 | Circuits operating at different voltages | Technical |
| 212025 | 3000:2018 | 1.5.11.4 | Voltage in unused conductors | Unsafe |
| 211026 | 3000:2018 | 1.5.11.5 | Different circuits and installations | Technical |
| 211027 | 3000:2018 | 1.5.12 | Protection against the spread of fire | Technical |
| 211028 | 3000:2018 | 1.5.13 | Protection against injury from mechanical movement | Technical |
| 211029 | 3000:2018 | 1.5.14 | Protection against external influences | Technical |
| 211030 | 3000:2018 | 1.6 | Design of an Electrical Installation | Technical |
| 211031 | 3000:2018 | 1.6.1 | General | Technical |
| 211032 | 3000:2018 | 1.6.2 | Supply characteristics | Technical |
| 211033 | 3000:2018 | 1.6.3 | Maximum demand | Technical |
| 211034 | 3000:2018 | 1.6.4 | Utilization voltage | Technical |
| 211035 | 3000:2018 | 1.6.5 | Electrical installation circuit arrangement | Technical |
| 211036 | 3000:2018 | 1.7 | Selection And Installation Of Electrical Equipment | Technical |
| 211037 | 3000:2018 | 1.7.1 | General | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211038 | 3000:2018 | 1.7.2 | Installation work practice | Technical |
| 211039 | 3000:2018 | 1.7.3 | Equipment selection | Technical |
| 212040 | 3000:2018 | 1.7.4 | Damp situations | Unsafe |
| 211041 | 3000:2018 | 1.8 | Verification (Inspection And Testing) | Technical |
| 211042 | 3000:2018 | 1.9 | Means Of Compliance | Technical |
| 211043 | 3000:2018 | 1.9.1 | Compliance with Part 2 of this Standard | Technical |
| 211044 | 3000:2018 | 1.9.2 | Compliance with the requirements of other standards | Technical |
| 211045 | 3000:2018 | 1.9.3 | Alterations and repairs | Technical |
| 211046 | 3000:2018 | 1.9.3.1 | Alterations | Technical |
| 211047 | 3000:2018 | 1.9.3.2 | Repairs | Technical |
| 211048 | 3000:2018 | 1.9.4 | Compliance by specific design and installation | Technical |
| 211049 | 3000:2018 | 1.9.4.1 | Use of a Part 1 design | Technical |
| 211050 | 3000:2018 | 1.9.4.2 | Acknowledgment by the owner or operator of the electrical installation and retainment of design documentation | Technical |
| 211051 | 3000:2018 | 1.9.4.3 | Documentation (by the designer) | Technical |
| 211052 | 3000:2018 | 1.9.4.4 | Verification | Technical |
| 211053 | 3000:2018 | 1.9.4.5 | Competency requirements of designers | Technical |
| 211054 | 3000:2018 | 1.9.4.6 | Identification | Technical |
| 211055 | 3000:2018 | 2.1 | General | Technical |
| 211056 | 3000:2018 | 2.1.2 | Selection and installation | Technical |
| 211057 | 3000:2018 | 2.2 | Arrangement Of Electrical Installation | Technical |
| 211058 | 3000:2018 | 2.2.1 | Circuits | Technical |
| 211059 | 3000:2018 | 2.2.1.1 | General | Technical |
| 211060 | 3000:2018 | 2.2.1.2 | Origin of submains and final subcircuits | Technical |
| 211061 | 3000:2018 | 2.2.1.3 | Common neutral | Technical |
| 211062 | 3000:2018 | 2.2.1.4 | Electric vehicle charging circuits | Technical |
| 211063 | 3000:2018 | 2.2.2 | Maximum demand | Technical |
| 211064 | 3000:2018 | 2.2.3 | Selection and installation of conductors | Technical |
| 211065 | 3000:2018 | 2.2.4 | Operating characteristics of equipment | Technical |
| 211066 | 3000:2018 | 2.2.4.1 | General | Technical |
| 211067 | 3000:2018 | 2.2.4.2 | Voltage | Technical |
| 211068 | 3000:2018 | 2.2.4.3 | Current | Technical |
| 211069 | 3000:2018 | 2.2.4.4 | Frequency | Technical |
| 211070 | 3000:2018 | 2.2.4.5 | Power | Technical |
| 211071 | 3000:2018 | 2.2.4.6 | Effects on operator or other equipment | Technical |
| 211072 | 3000:2018 | 2.3 | Control Of Electrical Installation | Technical |
| 211073 | 3000:2018 | 2.3.1 | General | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211074 | 3000:2018 | 2.3.2 | Common control requirements | Technical |
| 211075 | 3000:2018 | 2.3.2.1 | General | Technical |
| 211076 | 3000:2018 | 2.3.2.1.1 | Alternating current systems | Technical |
| 211077 | 3000:2018 | 2.3.2.1.2 | Direct current systems | Technical |
| 211079 | 3000:2018 | 2.3.2.2 | Devices for isolation | Technical |
| 211080 | 3000:2018 | 2.3.2.2.1 | General | Technical |
| 211081 | 3000:2018 | 2.3.2.2.2 | Identification | Technical |
| 211082 | 3000:2018 | 2.3.3 | Main switches | Technical |
| 211083 | 3000:2018 | 2.3.3.1 | Introduction | Technical |
| 211084 | 3000:2018 | 2.3.3.2 | General | Technical |
| 211085 | 3000:2018 | 2.3.3.3 | Number of main switches | Technical |
| 211086 | 3000:2018 | 2.3.3.4 | Location and operation | Technical |
| 211087 | 3000:2018 | 2.3.3.5 | Identification | Technical |
| 211088 | 3000:2018 | 2.3.3.6 | Remote control | Technical |
| 211089 | 3000:2018 | 2.3.4 | Additional isolating switches | Technical |
| 211090 | 3000:2018 | 2.3.4.1 | Electrical installation in an outbuilding | Technical |
| 211091 | 3000:2018 | 2.3.4.2 | Submains and final subcircuits greater than 100 A | Technical |
| 211092 | 3000:2018 | 2.3.4.3 | Alternative supply | Technical |
| 211093 | 3000:2018 | 2.3.4.4 | Identification | Technical |
| 211094 | 3000:2018 | 2.3.4.5 | Appliances and accessories | Technical |
| 211095 | 3000:2018 | 2.3.5 | Emergency switching including emergency stopping | Technical |
| 211096 | 3000:2018 | 2.3.5.1 | General | Technical |
| 211097 | 3000:2018 | 2.3.5.2 | Emergency switching devices | Technical |
| 211098 | 3000:2018 | 2.3.5.3 | Installation | Technical |
| 211099 | 3000:2018 | 2.3.5.4 | Identification | Technical |
| 211100 | 3000:2018 | 2.3.6 | Shutting down for mechanical maintenance | Technical |
| 211101 | 3000:2018 | 2.3.6.1 | General | Technical |
| 211102 | 3000:2018 | 2.3.6.2 | Devices for shutting down | Technical |
| 211103 | 3000:2018 | 2.3.6.3 | Installation | Technical |
| 211104 | 3000:2018 | 2.3.6.4 | Identification | Technical |
| 211105 | 3000:2018 | 2.3.7 | Functional (control) switching | Technical |
| 211106 | 3000:2018 | 2.3.7.1 | General | Technical |
| 211107 | 3000:2018 | 2.3.7.2 | Functional switching devices | Technical |
| 211108 | 3000:2018 | 2.3.7.3 | Identification | Technical |
| 211109 | 3000:2018 | 2.3.7.4 | Control circuits | Technical |
| 211110 | 3000:2018 | 2.4 | Fault protection | Technical |
| 211111 | 3000:2018 | 2.4.1 | General | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211112 | 3000:2018 | 2.4.2 | Protection by automatic disconnection of supply | Technical |
| 211113 | 3000:2018 | 2.4.3 | Types of devices | Technical |
| 211114 | 3000:2018 | 2.4.4 | Auto-reclose devices | Technical |
| 211115 | 3000:2018 | 2.5 | Protection against overcurrent | Technical |
| 211116 | 3000:2018 | 2.5.1 | General | Technical |
| 211117 | 3000:2018 | 2.5.1.1 | General requirements | Technical |
| 211118 | 3000:2018 | 2.5.1.2 | Consumer mains | Technical |
| 211119 | 3000:2018 | 2.5.1.3 | Submains and final subcircuits—General arrangement | Technical |
| 211120 | 3000:2018 | 2.5.1.4 | Omission of protective device for safety reasons | Technical |
| 211121 | 3000:2018 | 2.5.2 | Devices for protection against both overload and short-circuit currents | Technical |
| 211122 | 3000:2018 | 2.5.3 | Protection against overload current | Technical |
| 211123 | 3000:2018 | 2.5.3.1 | Coordination between conductors and protective devices | Technical |
| 211124 | 3000:2018 | 2.5.3.2 | Position of overload protective device—General arrangement | Technical |
| 211125 | 3000:2018 | 2.5.3.3 | Alternative position of overload protective device | Technical |
| 211126 | 3000:2018 | 2.5.3.4 | Omission of overload protective device | Technical |
| 211127 | 3000:2018 | 2.5.4 | Protection against short-circuit current | Technical |
| 211128 | 3000:2018 | 2.5.4.1 | Determination of prospective short-circuit current | Technical |
| 211129 | 3000:2018 | 2.5.4.2 | Characteristics of short-circuit protective devices | Technical |
| 211130 | 3000:2018 | 2.5.4.3 | Position of devices for short-circuit protection | Technical |
| 211131 | 3000:2018 | 2.5.4.4 | Alternative position of short-circuit protective device | Technical |
| 211132 | 3000:2018 | 2.5.4.4.1 | General | Technical |
| 211133 | 3000:2018 | 2.5.4.4.2 | Condition 1 | Technical |
| 211134 | 3000:2018 | 2.5.4.4.3 | Condition 2 | Technical |
| 211135 | 3000:2018 | 2.5.4.5 | Omission of devices for short-circuit protection | Technical |
| 211136 | 3000:2018 | 2.5.5 | Protection against switchboard internal arcing fault currents | Technical |
| 211137 | 3000:2018 | 2.5.5.1 | General | Technical |
| 211138 | 3000:2018 | 2.5.5.2 | Reduction of the probability of the initiation of a switchboard internal arcing fault | Technical |
| 211139 | 3000:2018 | 2.5.5.3 | Limitation of the harmful effects of a switchboard internal arcing fault | Technical |
| 211140 | 3000:2018 | 2.5.6 | Coordination of overload and short-circuit protective devices | Technical |
| 211141 | 3000:2018 | 2.5.6.1 | Protection afforded by one device | Technical |
| 211142 | 3000:2018 | 2.5.6.2 | Protection afforded by separate devices | Technical |
| 211143 | 3000:2018 | 2.5.7 | Reliability of supply | Technical |
| 211144 | 3000:2018 | 2.5.7.1 | General | Technical |
| 211145 | 3000:2018 | 2.5.7.2 | Coordination of protective devices | Technical |
| 211146 | 3000:2018 | 2.5.7.2.1 | General | Technical |
| 211147 | 3000:2018 | 2.5.7.2.2 | Safety service circuit discrimination (selectivity) | Technical |
| 211148 | 3000:2018 | 2.5.7.2.3 | General supply circuit discrimination (selectivity) | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211149 | 3000:2018 | 2.6 | Additional Protection By Residual Current Devices 101 | Technical |
| 211150 | 3000:2018 | 2.6.1 | General | Technical |
| 211151 | 3000:2018 | 2.6.2 | Selection and arrangement of devices | Technical |
| 211152 | 3000:2018 | 2.6.2.1 | General | Technical |
| 211153 | 3000:2018 | 2.6.2.2 | Types of RCD | Technical |
| 211154 | 3000:2018 | 2.6.2.2.1 | General | Technical |
| 211155 | 3000:2018 | 2.6.2.2.2 | Australia Only | Technical |
| 211156 | 3000:2018 | 2.6.2.3 | Protection against initiation of fire | Technical |
| 211157 | 3000:2018 | 2.6.2.4 | Arrangement | Technical |
| 211158 | 3000:2018 | 2.6.3 | Additional protection by residual current devices | Technical |
| 211159 | 3000:2018 | 2.6.3.1 | General | Technical |
| 211160 | 3000:2018 | 2.6.3.2 | Installation requirements—Australia only | Technical |
| 211161 | 3000:2018 | 2.6.3.2.1 | General | Technical |
| 212162 | 3000:2018 | 2.6.3.2.2 | Domestic and residential installations—Australia only | Unsafe |
| 212163 | 3000:2018 | 2.6.3.2.3 | Non-domestic and non-residential installations—Australia only | Unsafe |
| 211164 | 3000:2018 | 2.6.3.2.3.1 | Types of installations | Technical |
| 211165 | 3000:2018 | 2.6.3.2.3.2 | Location of RCD protection | Technical |
| 211166 | 3000:2018 | 2.6.3.2.3.3 | Requirements for additional protection | Technical |
| 211167 | 3000:2018 | 2.6.3.2.4 | Home care installations—Australia only | Technical |
| 211168 | 3000:2018 | 2.6.3.2.5 | Alterations to installations and replacement of switchboards— Aus only | Technical |
| 211169 | 3000:2018 | 2.6.3.2.6 | Repairs—Australia only | Technical |
| 211170 | 3000:2018 | 2.7 | Protection Against Overvoltage | Technical |
| 211171 | 3000:2018 | 2.7.1 | General | Technical |
| 211172 | 3000:2018 | 2.7.2 | Protection by insulation or separation | Technical |
| 211173 | 3000:2018 | 2.7.3 | Protection by protective devices | Technical |
| 211174 | 3000:2018 | 2.8 | Protection Against Undervoltage | Technical |
| 211175 | 3000:2018 | 2.8.1 | General | Technical |
| 211176 | 3000:2018 | 2.8.2 | Selection of protective device | Technical |
| 211177 | 3000:2018 | 2.1 | Switchboards | Technical |
| 211178 | 3000:2018 | 2.10.1 | General | Technical |
| 211179 | 3000:2018 | 2.10.2 | Location of switchboards | Technical |
| 211180 | 3000:2018 | 2.10.2.1 | General | Technical |
| 211181 | 3000:2018 | 2.10.2.2 | Accessibility and emergency exit facilities | Technical |
| 211182 | 3000:2018 | 2.10.2.3 | Location of main switchboard | Technical |
| 211183 | 3000:2018 | 2.10.2.4 | Identification of main switchboard | Technical |
| 211184 | 3000:2018 | 2.10.2.5 | Restricted locations | Technical |
| 211185 | 3000:2018 | 2.10.3 | Construction | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 212186 | 3000:2018 | 2.10.3.1 | Access to live parts | Unsafe |
| 211187 | 3000:2018 | 2.10.3.2 | Suitability | Technical |
| 211188 | 3000:2018 | 2.10.3.3 | Minimum clearances and creepage distances | Technical |
| 211189 | 3000:2018 | 2.10.3.4 | Orientation and location of fuses and circuit-breakers | Technical |
| 211190 | 3000:2018 | 2.10.3.4.1 | Orientation of circuit-breakers | Technical |
| 211191 | 3000:2018 | 2.10.3.4.2 | Location of fuses and circuit-breakers | Technical |
| 211192 | 3000:2018 | 2.10.3.5 | Screw-in fuses | Technical |
| 211193 | 3000:2018 | 2.10.4 | Bars | Technical |
| 211194 | 3000:2018 | 2.10.4.1 | General | Technical |
| 211195 | 3000:2018 | 2.10.4.2 | Tunnel-type terminals | Technical |
| 211196 | 3000:2018 | 2.10.4.3 | Neutral bar | Technical |
| 211197 | 3000:2018 | 2.10.5 | Equipment identification | Technical |
| 211198 | 3000:2018 | 2.10.5.1 | General | Technical |
| 211199 | 3000:2018 | 2.10.5.2 | Relationship of electrical equipment | Technical |
| 211200 | 3000:2018 | 2.10.5.3 | Bars | Technical |
| 211201 | 3000:2018 | 2.10.5.4 | Terminals of switchboard equipment | Technical |
| 211202 | 3000:2018 | 2.10.5.5 | Common neutral | Technical |
| 211203 | 3000:2018 | 2.10.5.6 | Fuse | Technical |
| 211204 | 3000:2018 | 2.10.6 | Wiring | Technical |
| 211205 | 3000:2018 | 2.10.7 | Fire-protective measures | Technical |
| 211206 | 3000:2018 | 3.1 | General | Technical |
| 211207 | 3000:2018 | 3.1.2 | Selection and installation | Technical |
| 211208 | 3000:2018 | 3.2 | Types Of Wiring Systems | Technical |
| 211209 | 3000:2018 | 3.3 | External Influences | Technical |
| 211210 | 3000:2018 | 3.3.1 | General | Technical |
| 211211 | 3000:2018 | 3.3.2 | Particular influences | Technical |
| 211212 | 3000:2018 | 3.3.2.1 | Ambient temperature | Technical |
| 211213 | 3000:2018 | 3.3.2.2 | External heat sources | Technical |
| 211214 | 3000:2018 | 3.3.2.3 | Water or high humidity | Technical |
| 211215 | 3000:2018 | 3.3.2.4 | Solid foreign bodies | Technical |
| 211216 | 3000:2018 | 3.3.2.5 | Corrosive or polluting substances | Technical |
| 211217 | 3000:2018 | 3.3.2.6 | Mechanical damage | Technical |
| 211218 | 3000:2018 | 3.3.2.7 | Vibration | Technical |
| 211219 | 3000:2018 | 3.3.2.8 | Other mechanical stresses | Technical |
| 211220 | 3000:2018 | 3.3.2.9 | Flora | Technical |
| 211221 | 3000:2018 | 3.3.2.10 | Fauna | Technical |
| 211222 | 3000:2018 | 3.3.2.11 | Solar radiation (direct sunlight) | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211223 | 3000:2018 | 3.3.2.12 | Hazardous areas | Technical |
| 211224 | 3000:2018 | 3.3.2.13 | Thermal insulation | Technical |
| 211225 | 3000:2018 | 3.4 | Current-Carrying Capacity | Technical |
| 211226 | 3000:2018 | 3.4.1 | General | Technical |
| 211227 | 3000:2018 | 3.4.2 | Operating temperature limits | Technical |
| 211228 | 3000:2018 | 3.4.3 | Conductors in parallel | Technical |
| 211229 | 3000:2018 | 3.4.4 | Coordination between conductors and protective devices | Technical |
| 211230 | 3000:2018 | 3.5 | Conductor Size | Technical |
| 211231 | 3000:2018 | 3.5.1 | General | Technical |
| 211232 | 3000:2018 | 3.5.2 | Neutral conductor | Technical |
| 211233 | 3000:2018 | 3.5.3 | Earthing conductor | Technical |
| 211234 | 3000:2018 | 3.6 | Voltage Drop | Technical |
| 211235 | 3000:2018 | 3.6.1 | General | Technical |
| 211236 | 3000:2018 | 3.6.2 | Value | Technical |
| 211237 | 3000:2018 | 3.6.3 | Conductors in parallel | Technical |
| 211238 | 3000:2018 | 3.7 | Electrical Connections | Technical |
| 211239 | 3000:2018 | 3.7.1 | General | Technical |
| 211240 | 3000:2018 | 3.7.2 | Connection methods | Technical |
| 211241 | 3000:2018 | 3.7.2.1.1 | Common requirements | Technical |
| 211242 | 3000:2018 | 3.7.2.1.2 | Aluminium conductors | Technical |
| 211243 | 3000:2018 | 3.7.2.2 | Preparation for connection | Technical |
| 211244 | 3000:2018 | 3.7.2.3 | Loosening of connections | Technical |
| 211245 | 3000:2018 | 3.7.2.3.1 | General | Technical |
| 211246 | 3000:2018 | 3.7.2.3.2 | Crimp joints (compression joints) | Technical |
| 211247 | 3000:2018 | 3.7.2.4 | Mechanical connection devices | Technical |
| 211248 | 3000:2018 | 3.7.2.5 | Retention of stranded conductors | Technical |
| 211249 | 3000:2018 | 3.7.2.6 | Mechanical stress | Technical |
| 211250 | 3000:2018 | 3.7.2.7 | Soldered connections | Technical |
| 211251 | 3000:2018 | 3.7.2.8 | Flexible cords | Technical |
| 211252 | 3000:2018 | 3.7.2.9 | Aerial conductors | Technical |
| 211253 | 3000:2018 | 3.7.2.9.1 | Joints and connections | Technical |
| 211254 | 3000:2018 | 3.7.2.9.2 | Prohibited joints | Technical |
| 211255 | 3000:2018 | 3.7.2.10 | Underground cables | Technical |
| 211256 | 3000:2018 | 3.7.2.11 | Earthing conductors | Technical |
| 211257 | 3000:2018 | 3.7.3 | Joints in cables | Technical |
| 211258 | 3000:2018 | 3.7.4 | Installation couplers | Technical |
| 211259 | 3000:2018 | 3.8 | Identification | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211260 | 3000:2018 | 3.8.1 | General | Technical |
| 211261 | 3000:2018 | 3.8.2 | Colour identification by sleeving or other means | Technical |
| 211262 | 3000:2018 | 3.8.2.1 | Colour identification by sleeving or other means | Technical |
| 211263 | 3000:2018 | 3.8.2.2 | Sleeving of existing earthing and bonding conductors | Technical |
| 211264 | 3000:2018 | 3.8.2.3 | Sleeving of existing live conductors | Technical |
| 211265 | 3000:2018 | 3.8.3 | Exceptions and special applications | Technical |
| 211266 | 3000:2018 | 3.8.3.1 | General | Technical |
| 211267 | 3000:2018 | 3.8.3.2 | Protective earthing and equipotential conductors | Technical |
| 211268 | 3000:2018 | 3.8.3.3 | Active and neutral conductors | Technical |
| 211269 | 3000:2018 | 3.8.3.4 | Alternative and European cable identification colours | Technical |
| 211270 | 3000:2018 | 3.8.3.5 | Aerial earthing conductors | Technical |
| 211271 | 3000:2018 | 3.9 | Installation requirements | Technical |
| 211272 | 3000:2018 | 3.9.1 | General | Technical |
| 211273 | 3000:2018 | 3.9.2 | Methods of installation | Technical |
| 211274 | 3000:2018 | 3.9.3 | Support and fixing | Technical |
| 211275 | 3000:2018 | 3.9.3.1 | General | Technical |
| 211276 | 3000:2018 | 3.9.3.2 | Suspended ceilings | Technical |
| 211277 | 3000:2018 | 3.9.3.3 | Wiring systems likely to be disturbed | Technical |
| 211278 | 3000:2018 | 3.9.3.3.1 | Location | Technical |
| 211279 | 3000:2018 | 3.9.3.3.2 | Support and protection | Technical |
| 211280 | 3000:2018 | 3.9.4 | Protection against mechanical damage | Technical |
| 211281 | 3000:2018 | 3.9.4.1 | General | Technical |
| 211282 | 3000:2018 | 3.9.4.2 | Wiring systems near building surfaces | Technical |
| 211283 | 3000:2018 | 3.9.4.3 | Wiring systems under wall lining or roofing material | Technical |
| 211284 | 3000:2018 | 3.9.4.3.1 | Prohibited locations | Technical |
| 211285 | 3000:2018 | 3.9.4.3.2 | Protection required | Technical |
| 211286 | 3000:2018 | 3.9.4.4 | Protection methods | Technical |
| 211287 | 3000:2018 | 3.9.5 | Wiring systems installed vertically | Technical |
| 211288 | 3000:2018 | 3.9.6 | Change of direction | Technical |
| 211289 | 3000:2018 | 3.9.7 | Particular installation requirements | Technical |
| 211290 | 3000:2018 | 3.9.7.1 | Consumer mains | Technical |
| 211291 | 3000:2018 | 3.9.7.1.1 | Protected | Technical |
| 211292 | 3000:2018 | 3.9.7.1.2 | Unprotected | Technical |
| 211293 | 3000:2018 | 3.9.7.2 | Insulated and sheathed cables | Technical |
| 211294 | 3000:2018 | 3.9.7.3 | Mineral insulated metal sheathed (MIMS) cable | Technical |
| 211295 | 3000:2018 | 3.9.7.4 | Flexible cords used as installation wiring | Technical |
| 211296 | 3000:2018 | 3.9.7.5 | Low voltage track systems | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211297 | 3000:2018 | 3.9.7.6 | Under-carpet wiring systems | Technical |
| 211298 | 3000:2018 | 3.9.8 | Prevention of mutual detrimental effects between services | Technical |
| 211299 | 3000:2018 | 3.9.8.1 | General | Technical |
| 211300 | 3000:2018 | 3.9.8.2 | Different electrical installations | Technical |
| 211301 | 3000:2018 | 3.9.8.2.1 | Common enclosure/cable | Technical |
| 211302 | 3000:2018 | 3.9.8.2.2 | Segregation | Technical |
| 211303 | 3000:2018 | 3.9.8.3 | Segregation of different voltage levels | Technical |
| 211304 | 3000:2018 | 3.9.8.4 | Proximity to non-electrical services | Technical |
| 212306 | 3000:2018 | 3.9.9.1 | Selection and installation to minimize the spread of fire - General | Technical |
| 211307 | 3000:2018 | 3.9.9.2 | Selection and installation to minimize the spread of fire - Precautions | Technical |
| 211308 | 3000:2018 | 3.9.9.3 | Penetration of fire barriers | Technical |
| 211309 | 3000:2018 | 3.9.10 | Limitation of circulating and eddy currents | Technical |
| 211310 | 3000:2018 | 3.9.10.1 | General | Technical |
| 211311 | 3000:2018 | 3.9.10.2 | Cables for a.c. circuits—Electromagnetic effects | Technical |
| 211312 | 3000:2018 | 3.9.10.3 | Cables with non-ferrous metal sheathing | Technical |
| 211313 | 3000:2018 | 3.9.11 | Minimization of electromagnetic interference | Technical |
| 211314 | 3000:2018 | 3.1 | Enclosure of cables | Technical |
| 211315 | 3000:2018 | 3.10.1 | General | Technical |
| 211316 | 3000:2018 | 3.10.1.1 | Insulated, unsheathed cables | Technical |
| 211317 | 3000:2018 | 3.10.1.2 | Insulated and sheathed cables | Technical |
| 211318 | 3000:2018 | 3.10.2 | Wiring enclosures | Technical |
| 211319 | 3000:2018 | 3.10.2.1 | Types | Technical |
| 211320 | 3000:2018 | 3.10.2.2 | Change of wiring enclosures | Technical |
| 211321 | 3000:2018 | 3.10.2.3 | Entry of water | Technical |
| 211322 | 3000:2018 | 3.10.3 | Installation of wiring enclosures | Technical |
| 211323 | 3000:2018 | 3.10.3.1 | General | Technical |
| 211324 | 3000:2018 | 3.10.3.2 | Support | Technical |
| 211325 | 3000:2018 | 3.10.3.3 | Continuity | Technical |
| 211326 | 3000:2018 | 3.10.3.4 | Bending | Technical |
| 211327 | 3000:2018 | 3.10.3.5 | Passage for conductors | Technical |
| 211328 | 3000:2018 | 3.10.3.6 | Terminations | Technical |
| 211329 | 3000:2018 | 3.10.3.7 | Installation in direct sunlight | Technical |
| 211330 | 3000:2018 | 3.10.3.8 | Provision for expansion | Technical |
| 211331 | 3000:2018 | 3.10.3.9 | Cable trunking | Technical |
| 211332 | 3000:2018 | 3.11 | Underground wiring systems | Technical |
| 211333 | 3000:2018 | 3.11.1 | Suitability and protection | Technical |
| 211334 | 3000:2018 | 3.11.2 | Classification of wiring systems | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211335 | 3000:2018 | 3.11.3 | Arrangements | Technical |
| 211336 | 3000:2018 | 3.11.3.1 | Category A underground wiring systems | Technical |
| 211337 | 3000:2018 | 3.11.3.2 | Category B underground wiring systems | Technical |
| 211338 | 3000:2018 | 3.11.3.3 | Category C underground wiring system | Technical |
| 211339 | 3000:2018 | 3.11.4 | Installation requirements | Technical |
| 211340 | 3000:2018 | 3.11.4.1 | General | Technical |
| 211341 | 3000:2018 | 3.11.4.2 | Unenclosed cables | Technical |
| 211342 | 3000:2018 | 3.11.4.3 | Category B wiring system mechanical protection | Technical |
| 211343 | 3000:2018 | 3.11.4.4 | Minimum depth of cover | Technical |
| 211344 | 3000:2018 | 3.11.4.5 | Identification of underground wiring | Technical |
| 211345 | 3000:2018 | 3.11.4.6 | Marking and recording of underground cable location | Technical |
| 211346 | 3000:2018 | 3.11.5 | Spacing from other underground services | Technical |
| 211347 | 3000:2018 | 3.12 | Aerial wiring systems | Technical |
| 211348 | 3000:2018 | 3.12.1 | Types of conductor | Technical |
| 211349 | 3000:2018 | 3.12.2 | Arrangements | Technical |
| 211350 | 3000:2018 | 3.12.2.1 | Insulation of aerial conductors | Technical |
| 211351 | 3000:2018 | 3.12.2.2 | Minimum size | Technical |
| 211352 | 3000:2018 | 3.12.3 | Clearances | Technical |
| 211353 | 3000:2018 | 3.12.3.1 | General | Technical |
| 211354 | 3000:2018 | 3.12.3.2 | Safety warnings | Technical |
| 211355 | 3000:2018 | 3.12.4 | Distance between supports (spans) | Technical |
| 211356 | 3000:2018 | 3.12.5 | Aerial conductor supports | Technical |
| 211357 | 3000:2018 | 3.12.5.1 | General | Technical |
| 211358 | 3000:2018 | 3.12.5.2 | Pin-type insulators | Technical |
| 211359 | 3000:2018 | 3.12.5.3 | Hardware | Technical |
| 211360 | 3000:2018 | 3.12.5.4 | Spacing between conductors | Technical |
| 211361 | 3000:2018 | 3.12.6 | Poles and posts (including supports, struts and extensions to structures) | Technical |
| 211362 | 3000:2018 | 3.12.7 | Joints and connections | Technical |
| 211363 | 3000:2018 | 3.13 | Cables supported by a catenary | Technical |
| 211364 | 3000:2018 | 3.13.1 | Types of cables | Technical |
| 211365 | 3000:2018 | 3.13.2 | Catenary supports | Technical |
| 211366 | 3000:2018 | 3.13.3 | Clearances | Technical |
| 211367 | 3000:2018 | 3.14 | Safety services | Technical |
| 211368 | 3000:2018 | 3.15 | Busways, Including Rising Mains Systems | Technical |
| 211369 | 3000:2018 | 3.16 | Earth Sheath Return (ESR) system | Technical |
| 211370 | 3000:2018 | 4.1 | General | Technical |
| 211371 | 3000:2018 | 4.1.2 | Selection and installation | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211372 | 3000:2018 | 4.1.3 | External influences | Technical |
| 211373 | 3000:2018 | 4.1.4 | Adverse effects and interference | Technical |
| 211374 | 3000:2018 | 4.2 | Protection Against Thermal Effects | Technical |
| 211375 | 3000:2018 | 4.2.1 | General | Technical |
| 211377 | 3000:2018 | 4.2.2.1 | Prevention of fire hazard - Installation of electrical equipment | Technical |
| 211378 | 3000:2018 | 4.2.2.2 | Storage of flammable materials | Technical |
| 211379 | 3000:2018 | 4.2.2.3 | Protection from high temperatures | Technical |
| 211380 | 3000:2018 | 4.2.2.4 | Emission of arcs or sparks | Technical |
| 211381 | 3000:2018 | 4.2.2.5 | Electrical equipment enclosures | Technical |
| 211382 | 3000:2018 | 4.2.2.6 | Prevention of spread of fire | Technical |
| 211383 | 3000:2018 | 4.2.3 | Protection against burns | Technical |
| 211384 | 3000:2018 | 4..3 | Connection Of Electrical Equipment | Technical |
| 211385 | 3000:2018 | 4.3.1 | General | Technical |
| 211386 | 3000:2018 | 4.3.2 | Direct connection | Technical |
| 211387 | 3000:2018 | 4.3.2.1 | General | Technical |
| 211388 | 3000:2018 | 4.3.2.2 | Installation coupler | Technical |
| 211389 | 3000:2018 | 4.3.3 | Installation wiring connected by an installation coupler(s) | Technical |
| 211390 | 3000:2018 | 4.3.3.1 | General | Technical |
| 211391 | 3000:2018 | 4.3.3.2 | Socket-outlets | Technical |
| 211392 | 3000:2018 | 4.3.4 | Socket-outlets in installation wiring | Technical |
| 211393 | 3000:2018 | 4.3.5 | Other connecting devices | Technical |
| 211394 | 3000:2018 | 4.3.6 | Equipment wiring | Technical |
| 211395 | 3000:2018 | 4.4 | Socket-Outlets | Technical |
| 211396 | 3000:2018 | 4.4.1 | Types | Technical |
| 211397 | 3000:2018 | 4.4.1.1.1 | Socket-outlets—Application | Technical |
| 211398 | 3000:2018 | 4.4.1.1.2 | Socket-outlets—Alternative pin configurations | Technical |
| 211399 | 3000:2018 | 4.4.1.1.3 | Low voltage fixed socket-outlet | Technical |
| 211400 | 3000:2018 | 4.4.1.2 | Different systems | Technical |
| 211401 | 3000:2018 | 4.4.1.3 | Socket-outlets for electric vehicle charging | Technical |
| 211402 | 3000:2018 | 4.4.2 | Location | Technical |
| 211403 | 3000:2018 | 4.4.2.1 | Accessibility | Technical |
| 211404 | 3000:2018 | 4.4.2.2 | Protection of socket-outlets | Technical |
| 211405 | 3000:2018 | 4.4.3 | Earthing contacts | Technical |
| 211406 | 3000:2018 | 4.4.4 | Switching device | Technical |
| 213407 | 3000:2018 | 4.4.4.1 | General | Testing |
| 211408 | 3000:2018 | 4.4.4.2 | Rating | Technical |
| 211409 | 3000:2018 | 4.4.4.3 | Location and marking | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211410 | 3000:2018 | 4.4.4.4 | Pendant-type socket-outlet | Technical |
| 213411 | 3000:2018 | 4.4.5 | Polarization and phase sequence | Testing |
| 211412 | 3000:2018 | 4.5 | Lighting Equipment And Accessories | Technical |
| 211413 | 3000:2018 | 4.5.1 | Lampholders, including lampholders incorporated in a luminaire | Technical |
| 211414 | 3000:2018 | 4.5.1.1 | Location | Technical |
| 211415 | 3000:2018 | 4.5.1.2 | Edison screw lampholders | Technical |
| 211416 | 3000:2018 | 4.5.1.3 | Festoon lighting | Technical |
| 211417 | 3000:2018 | 4.5.2 | Lamps and luminaires | Technical |
| 211418 | 3000:2018 | 4.5.2.1 | General | Technical |
| 211419 | 3000:2018 | 4.5.2.2 | Lamps near flammable materials | Technical |
| 211420 | 3000:2018 | 4.5.2.3 | Recessed luminaires | Technical |
| 211421 | 3000:2018 | 4.5.2.3.1 | General requirements | Technical |
| 211422 | 3000:2018 | 4.5.2.3.2 | Warning sign | Technical |
| 211423 | 3000:2018 | 4.5.2.3.3 | Installation | Technical |
| 211424 | 3000:2018 | 4.5.2.3.4 | Classifications of recessed luminaires | Technical |
| 211425 | 3000:2018 | 4.5.2.3.5 | Requirements for specific classifications | Technical |
| 211426 | 3000:2018 | 4.5.2.4 | Suspended ceilings | Technical |
| 211427 | 3000:2018 | 4.6 | Smoke Alarms | Technical |
| 211428 | 3000:2018 | 4.7 | Cooking Appliances | Technical |
| 211429 | 3000:2018 | 4.7.1 | Switching device | Technical |
| 211430 | 3000:2018 | 4.7.3 | Clearance from open cooking surfaces | Technical |
| 211431 | 3000:2018 | 4.8 | Appliances Producing Hot Water Or Steam | Technical |
| 211432 | 3000:2018 | 4.8.1 | General | Technical |
| 211433 | 3000:2018 | 4.8.2 | Water heaters | Technical |
| 211434 | 3000:2018 | 4.8.2.1 | Access to easing equipment of pressure-relief and terminals of protective devices | Technical |
| 211435 | 3000:2018 | 4.8.2.2 | Protective devices fitted to unvented water heaters | Technical |
| 211436 | 3000:2018 | 4.8.2.3 | Isolating switch | Technical |
| 211437 | 3000:2018 | 4.9 | Room Heaters | Technical |
| 211438 | 3000:2018 | 4.9.1 | General | Technical |
| 211439 | 3000:2018 | 4.9.2 | Isolating switches | Technical |
| 211440 | 3000:2018 | 4.9.3 | Functional switches | Technical |
| 211441 | 3000:2018 | 4.1 | Electric Heating Cables For Floors And Ceilings And Trace Heating Applications | Technical |
| 211442 | 3000:2018 | 4.10.1 | General | Technical |
| 211443 | 3000:2018 | 4.10.2 | Heating cables | Technical |
| 211444 | 3000:2018 | 4.10.3 | Isolating switches | Technical |
| 211445 | 3000:2018 | 4.10.4 | Functional switches | Technical |
| 211446 | 3000:2018 | 4.10.5 | Additional protection | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211447 | 3000:2018 | 4.10.6 | Signs | Technical |
| 211448 | 3000:2018 | 4.11 | Electric Duct Heaters | Technical |
| 211449 | 3000:2018 | 4.12 | Electricity Converters | Technical |
| 211450 | 3000:2018 | 4.12.1 | General | Technical |
| 211451 | 3000:2018 | 4.12.2 | Selection and installation | Technical |
| 211452 | 3000:2018 | 4.12.3 | Control | Technical |
| 211453 | 3000:2018 | 4.12.4 | Isolation | Technical |
| 211454 | 3000:2018 | 4.12.4.1 | General | Technical |
| 211455 | 3000:2018 | 4.12.4.2 | Electricity converters incorporating batteries | Technical |
| 211456 | 3000:2018 | 4.12.5 | Overcurrent protection | Technical |
| 211457 | 3000:2018 | 4.12.5.1 | Electricity converter protection | Technical |
| 211458 | 3000:2018 | 4.12.5.2 | Circuit protection | Technical |
| 211459 | 3000:2018 | 4.12.5.2.1 | General | Technical |
| 211460 | 3000:2018 | 4.12.5.2.2 | RCDs | Technical |
| 211461 | 3000:2018 | 4.12.6 | Earthing | Technical |
| 211462 | 3000:2018 | 4.12.7 | Neutral continuity | Technical |
| 211463 | 3000:2018 | 4.12.8 | Electrical equipment connected to output | Technical |
| 211464 | 3000:2018 | 4.13 | Motors | Technical |
| 211465 | 3000:2018 | 4.13.1 | Protection against injury from mechanical movement | Technical |
| 211466 | 3000:2018 | 4.13.1.1 | Switching devices | Technical |
| 211467 | 3000:2018 | 4.13.1.2 | Rating of switches | Technical |
| 211468 | 3000:2018 | 4.13.1.3 | Devices for starting and stopping | Technical |
| 211469 | 3000:2018 | 4.13.1.4 | Protection against restarting or reversal | Technical |
| 211470 | 3000:2018 | 4.13.2 | Protection against overload | Technical |
| 211471 | 3000:2018 | 4.13.3 | Protection against overtemperature | Technical |
| 211472 | 3000:2018 | 4.13.3.1 | General | Technical |
| 211473 | 3000:2018 | 4.13.3.2 | Protection prohibited | Technical |
| 211474 | 3000:2018 | 4.13.3.3 | Overtemperature protective device | Technical |
| 211475 | 3000:2018 | 4.14 | Transformers | Technical |
| 211476 | 3000:2018 | 4.14.1 | General | Technical |
| 211477 | 3000:2018 | 4.14.2 | Secondary circuit | Technical |
| 211478 | 3000:2018 | 4.14.2.1 | General | Technical |
| 211479 | 3000:2018 | 4.14.2.2 | Control and protection | Technical |
| 211480 | 3000:2018 | 4.14.3 | Low voltage transformer supply | Technical |
| 211481 | 3000:2018 | 4.14.3.1 | Isolating transformers | Technical |
| 211482 | 3000:2018 | 4.14.3.2 | Other transformers | Technical |
| 211483 | 3000:2018 | 4.14.4 | Autotransformers | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211484 | 3000:2018 | 4.14.5 | Step-up transformers | Technical |
| 211485 | 3000:2018 | 4.15 | Capacitors | Technical |
| 211486 | 3000:2018 | 4.15.1 | General | Technical |
| 211487 | 3000:2018 | 4.15.2 | Electrical equipment | Technical |
| 211488 | 3000:2018 | 4.15.2.1 | General | Technical |
| 211489 | 3000:2018 | 4.15.2.2 | Rating of circuit-breakers, switches or contactors | Technical |
| 211490 | 3000:2018 | 4.15.2.3 | Current-carrying capacity of supply conductors | Technical |
| 211491 | 3000:2018 | 4.15.3 | Provision for discharge and control | Technical |
| 211492 | 3000:2018 | 4.15.3.1 | General | Technical |
| 211493 | 3000:2018 | 4.15.3.2 | Capacitors connected in parallel with individual appliances | Technical |
| 211494 | 3000:2018 | 4.15.3.3 | Capacitors not connected in parallel with individual appliances | Technical |
| 211495 | 3000:2018 | 4.16 | Electrical Equipment Containing Liquid Dielectrics | Technical |
| 211496 | 3000:2018 | 4.16.1 | General | Technical |
| 211497 | 3000:2018 | 4.16.2 | Liquid dielectrics having a flashpoint not exceeding 250°C | Technical |
| 211498 | 3000:2018 | 4.17 | Batteries | Technical |
| 211499 | 3000:2018 | 4.18 | Gas Appliances And Equipment | Technical |
| 211500 | 3000:2018 | 4.18.1 | Gas appliances | Technical |
| 211501 | 3000:2018 | 4.18.1.1 | General | Technical |
| 211502 | 3000:2018 | 4.18.1.2 | In Australia only | Technical |
| 211503 | 3000:2018 | 4.18.1.3 | In New Zealand only | Technical |
| 211504 | 3000:2018 | 4.18.2 | Gas cylinders containing heavier-than-air gases—Outdoors | Technical |
| 211505 | 3000:2018 | 4.18.2.1 | Sources of ignition | Technical |
| 211506 | 3000:2018 | 4.18.2.2 | Hot particles and surfaces | Technical |
| 211507 | 3000:2018 | 4.18.4 | Gas relief vent terminal—Natural gas, LP Gas or Biogas | Technical |
| 211508 | 3000:2018 | 4.19 | Airconditioning And Heat Pump Systems | Technical |
| 211509 | 3000:2018 | 4.2 | Lifts | Technical |
| 211510 | 3000:2018 | 4.20.1 | General | Technical |
| 211511 | 3000:2018 | 4.20.2 | Lift supply arrangement | Technical |
| 211512 | 3000:2018 | 4.20.3 | Labelling | Technical |
| 211513 | 3000:2018 | 4.20.4 | Motor-room-less lifts (MRLs) | Technical |
| 211514 | 3000:2018 | 4.20.4.1 | General | Technical |
| 211515 | 3000:2018 | 4.20.4.2 | MRL switchboards | Technical |
| 211516 | 3000:2018 | 4.20.4.3 | Switchgear | Technical |
| 211517 | 3000:2018 | 5.1 | General | Technical |
| 211518 | 3000:2018 | 5.1.2 | Selection and installation | Technical |
| 211519 | 3000:2018 | 5.1.3 | MEN earthing system | Technical |
| 211520 | 3000:2018 | 5.1.4 | Other earthing systems | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211521 | 3000:2018 | 5.2 | Earthing functions | Technical |
| 211522 | 3000:2018 | 5.2.1 | Protective earthing | Technical |
| 211523 | 3000:2018 | 5.2.2 | Functional earthing (FE) | Technical |
| 211524 | 3000:2018 | 5.2.3 | Earthing for combined protective and functional purposes | Technical |
| 211525 | 3000:2018 | 5.3 | Earthing System Parts | Technical |
| 211526 | 3000:2018 | 5.3.1 | General | Technical |
| 211527 | 3000:2018 | 5.3.2 | Earthing conductor material and type | Technical |
| 211528 | 3000:2018 | 5.3.2.1 | Conductor material | Technical |
| 211529 | 3000:2018 | 5.3.2.1.1 | Copper conductors | Technical |
| 211530 | 3000:2018 | 5.3.2.1.2 | Aluminium conductors | Technical |
| 211531 | 3000:2018 | 5.3.2.1.3 | Other materials | Technical |
| 211532 | 3000:2018 | 5.3.2.2 | Conductor type | Technical |
| 211533 | 3000:2018 | 5.3.2.3 | Special conditions | Technical |
| 211534 | 3000:2018 | 5.3.2.4 | Insulation | Technical |
| 211535 | 3000:2018 | 5.3.2.5 | Identification | Technical |
| 211536 | 3000:2018 | 5.3.3 | Earthing conductor size (cross-sectional area) | Technical |
| 211537 | 3000:2018 | 5.3.3.1 | Protective earthing conductors | Technical |
| 211538 | 3000:2018 | 5.3.3.1.1 | General | Technical |
| 211539 | 3000:2018 | 5.3.3.1.2 | Selection | Technical |
| 211540 | 3000:2018 | 5.3.3.1.3 | Calculation | Technical |
| 211541 | 3000:2018 | 5.3.3.2 | Main earthing conductor | Technical |
| 211542 | 3000:2018 | 5.3.3.3 | Aerial earthing conductors | Technical |
| 211543 | 3000:2018 | 5.3.3.4 | Earthing conductors in cables, flexible cables or flexible cords | Technical |
| 211544 | 3000:2018 | 5.3.4 | Main earthing terminal/connection or bar | Technical |
| 211545 | 3000:2018 | 5.3.5 | MEN connection | Technical |
| 211546 | 3000:2018 | 5.3.5.1 | General | Technical |
| 211547 | 3000:2018 | 5.3.5.2 | Size | Technical |
| 211548 | 3000:2018 | 5.3.5.3 | Identification | Technical |
| 211549 | 3000:2018 | 5.3.6 | Earth electrodes | Technical |
| 211550 | 3000:2018 | 5.3.6.1 | General | Technical |
| 211551 | 3000:2018 | 5.3.6.2 | Types | Technical |
| 211552 | 3000:2018 | 5.3.6.3 | Installation | Technical |
| 211553 | 3000:2018 | 5.3.6.4 | Location | Technical |
| 211554 | 3000:2018 | 5.3.7 | Functional earthing conductors | Technical |
| 211555 | 3000:2018 | 5.4 | Earthing of equipment | Technical |
| 211556 | 3000:2018 | 5.4.1 | General | Technical |
| 212557 | 3000:2018 | 5.4.1.1 | Exposed conductive parts | Unsafe |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211558 | 3000:2018 | 5.4.1.2 | Conductive building materials | Technical |
| 211559 | 3000:2018 | 5.4.1.3 | Connection of electrical equipment to earth | Technical |
| 211560 | 3000:2018 | 5.4.2 | Socket-outlets | Technical |
| 211561 | 3000:2018 | 5.4.3 | Lighting points | Technical |
| 211562 | 3000:2018 | 5.4.4 | Luminaires | Technical |
| 211563 | 3000:2018 | 5.4.5 | Conductive supports for aerial conductors | Technical |
| 211564 | 3000:2018 | 5.4.6 | Structural metalwork including conductive building materials | Technical |
| 212565 | 3000:2018 | 5.4.6.1 | General | Unsafe |
| 213566 | 3000:2018 | 5.4.6.2 | Connection to protective earthing conductors | Testing |
| 211567 | 3000:2018 | 5.4.7 | Submersible pumps | Technical |
| 212568 | 3000:2018 | 5.4.8 | Variable frequency devices | Unsafe |
| 211569 | 3000:2018 | 5.5 | Earthing arrangements | Technical |
| 211570 | 3000:2018 | 5.5.1 | Main earthing conductor | Technical |
| 211571 | 3000:2018 | 5.5.1.1 | Arrangement | Technical |
| 211572 | 3000:2018 | 5.5.1.2 | Connection to earth electrode | Technical |
| 211573 | 3000:2018 | 5.5.1.3 | Labelling | Technical |
| 211574 | 3000:2018 | 5.5.1.4 | Resistance | Technical |
| 211575 | 3000:2018 | 5.5.2 | Protective earthing conductors | Technical |
| 211576 | 3000:2018 | 5.5.2.1 | Arrangement | Technical |
| 211577 | 3000:2018 | 5.5.2.2 | Restricted connections | Technical |
| 211578 | 3000:2018 | 5.5.2.2.1 | Circuits | Technical |
| 211579 | 3000:2018 | 5.5.2.2.2 | Earthing of equipment | Technical |
| 211580 | 3000:2018 | 5.5.2.2.3 | Earthing facilities for distribution boards | Technical |
| 211581 | 3000:2018 | 5.5.3 | Particular methods of earthing | Technical |
| 211582 | 3000:2018 | 5.5.3.1 | Outbuildings | Technical |
| 211583 | 3000:2018 | 5.5.3.2 | Wiring systems | Technical |
| 211584 | 3000:2018 | 5.5.3.3 | Electrical equipment supplied by flexible cord or flexible cable | Technical |
| 211585 | 3000:2018 | 5.5.3.4 | Switchboards | Technical |
| 211586 | 3000:2018 | 5.5.3.5 | Unprotected consumer mains | Technical |
| 211587 | 3000:2018 | 5.5.4 | Continuity | Technical |
| 211588 | 3000:2018 | 5.5.4.1 | General | Technical |
| 211589 | 3000:2018 | 5.5.4.2 | Conductive wiring enclosures | Technical |
| 211590 | 3000:2018 | 5.5.4.3 | Conductive sheaths, armours and screens of cables | Technical |
| 211591 | 3000:2018 | 5.5.4.4 | Connecting devices | Technical |
| 211592 | 3000:2018 | 5.5.5 | Installation | Technical |
| 211593 | 3000:2018 | 5.5.5.1 | General | Technical |
| 211594 | 3000:2018 | 5.5.5.2 | Protection against mechanical damage | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211595 | 3000:2018 | 5.5.5.3 | Protection against corrosion | Technical |
| 211596 | 3000:2018 | 5.5.5.4 | Aerial earthing conductors | Technical |
| 211597 | 3000:2018 | 5.5.5.5 | Buried earthing conductors | Technical |
| 211598 | 3000:2018 | 5.5.6 | Connections | Technical |
| 211599 | 3000:2018 | 5.5.6.1 | Conductors | Technical |
| 211600 | 3000:2018 | 5.5.6.2 | Constructional components | Technical |
| 211601 | 3000:2018 | 5.6 | Equipotentional bonding | Technical |
| 211602 | 3000:2018 | 5.6.1 | General | Technical |
| 211603 | 3000:2018 | 5.6.2 | Arrangement | Technical |
| 211604 | 3000:2018 | 5.6.2.1 | General | Technical |
| 211605 | 3000:2018 | 5.6.2.2 | Conductive water piping | Technical |
| 211606 | 3000:2018 | 5.6.2.3 | Other conductive piping systems | Technical |
| 211607 | 3000:2018 | 5.6.2.4 | Conductive cable sheaths and conductive wiring enclosures | Technical |
| 211608 | 3000:2018 | 5.6.2.5 | Showers and bathrooms | Technical |
| 211609 | 3000:2018 | 5.6.2.6 | Swimming and spa pools | Technical |
| 211610 | 3000:2018 | 5.6.2.6.1 | Bonding arrangement | Technical |
| 211611 | 3000:2018 | 5.6.2.6.2 | Conductive pool structures | Technical |
| 211612 | 3000:2018 | 5.6.2.6.3 | Pool equipotential bonding conductor connection point | Technical |
| 211613 | 3000:2018 | 5.6.2.6.4 | Electrical equipment | Technical |
| 211614 | 3000:2018 | 5.6.2.6.5 | Conductive fixtures and fittings | Technical |
| 211615 | 3000:2018 | 5.6.2.7 | Telephone and telecommunication earthing systems | Technical |
| 211616 | 3000:2018 | 5.6.3 | Bonding conductors | Technical |
| 211617 | 3000:2018 | 5.6.3.1 | General | Technical |
| 211618 | 3000:2018 | 5.6.3.2 | Size | Technical |
| 211619 | 3000:2018 | 5.7 | Earth Fault-Loop Impedance | Technical |
| 211620 | 3000:2018 | 5.7.1 | General | Technical |
| 211621 | 3000:2018 | 5.7.2 | Disconnection times | Technical |
| 211622 | 3000:2018 | 5.7.3 | Earth fault-loop | Technical |
| 211623 | 3000:2018 | 5.7.4 | Impedance | Technical |
| 211624 | 3000:2018 | 5.7.5 | Supplementary equipotential bonding | Technical |
| 211625 | 3000:2018 | 5.8 | Other Earthing Arrangements | Technical |
| 211626 | 3000:2018 | 6.1 | General | Technical |
| 211627 | 3000:2018 | 6.1.2 | Selection and installation | Technical |
| 211628 | 3000:2018 | 6.2.1 | Baths, Showers And Other Fixed Water Containers | Technical |
| 211629 | 3000:2018 | 6.2.2 | Classification of zones | Technical |
| 211630 | 3000:2018 | 6.2.2.1 | Baths and showers | Technical |
| 211631 | 3000:2018 | 6.2.2.2 | Other fixed water containers | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 212632 | 3000:2018 | 6.2.3 | Protection against electric shock—Prohibited measures | Unsafe |
| 211633 | 3000:2018 | 6.2.4 | Selection and installation of electrical equipment | Technical |
| 211634 | 3000:2018 | 6.2.4.1 | Degree of protection required | Technical |
| 211635 | 3000:2018 | 6.2.4.2 | Socket-outlets | Technical |
| 211636 | 3000:2018 | 6.2.4.3 | Switches and other accessories | Technical |
| 211637 | 3000:2018 | 6.2.4.4 | Luminaires | Technical |
| 211638 | 3000:2018 | 6.2.4.5 | Other electrical equipment | Technical |
| 211639 | 3000:2018 | 6.2.4.6 | Switchboards | Technical |
| 211640 | 3000:2018 | 6.2.4.7 | Electricity generation systems | Technical |
| 211641 | 3000:2018 | 6.3 | Swimming Pools, Paddling Pools And Spa Pools Or Tubs | Technical |
| 211642 | 3000:2018 | 6.3.2 | Classification of zones | Technical |
| 211643 | 3000:2018 | 6.3.2.1 | Swimming pools and paddling pools | Technical |
| 211644 | 3000:2018 | 6.3.2.2 | Spa pools or tubs | Technical |
| 211645 | 3000:2018 | 6.3.2.2.1 | General | Technical |
| 211646 | 3000:2018 | 6.3.2.2.2 | Water capacity exceeding 5000 L | Technical |
| 211647 | 3000:2018 | 6.3.2.2.3 | Water capacity not exceeding 5000 L | Technical |
| 212648 | 3000:2018 | 6.3.3 | Protection against electric shock | Unsafe |
| 211649 | 3000:2018 | 6.3.3.1 | Prohibited measures | Technical |
| 211650 | 3000:2018 | 6.3.3.2 | Supplementary equipotential bonding | Technical |
| 212651 | 3000:2018 | 6.3.3.3 | Voltage gradients | Unsafe |
| 211652 | 3000:2018 | 6.3.4 | Selection and installation of electrical equipment | Technical |
| 211653 | 3000:2018 | 6.3.4.1 | Degree of protection required | Technical |
| 211654 | 3000:2018 | 6.3.4.2 | Wiring systems | Technical |
| 211655 | 3000:2018 | 6.3.4.3 | Socket-outlets | Technical |
| 211656 | 3000:2018 | 6.3.4.4 | Switches and other accessories | Technical |
| 211657 | 3000:2018 | 6.3.4.5 | Luminaires, appliances and other electrical equipment | Technical |
| 211658 | 3000:2018 | 6.3.4.6 | Switchboards | Technical |
| 211659 | 3000:2018 | 6.3.4.7 | Electricity generation systems | Technical |
| 211660 | 3000:2018 | 6.3.4.8 | Electricity distributer’s electrical equipment | Technical |
| 211661 | 3000:2018 | 6.4 | Fountains and water features | Technical |
| 211662 | 3000:2018 | 6.4.2 | Classification of zones | Technical |
| 212663 | 3000:2018 | 6.4.3 | Protection against electric shock | Unsafe |
| 211664 | 3000:2018 | 6.4.3.1 | Use of SELV | Technical |
| 212666 | 3000:2018 | 6.4.3.2.1 | Application of protective measures against electric shock - Supply | Unsafe |
| 212667 | 3000:2018 | 6.4.3.2.2 | Prohibited measures | Unsafe |
| 211668 | 3000:2018 | 6.4.4 | Selection and installation of electrical equipment | Technical |
| 211669 | 3000:2018 | 6.4.4.1 | Degree of protection required | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211670 | 3000:2018 | 6.4.4.2 | Wiring systems | Technical |
| 211671 | 3000:2018 | 6.4.4.3 | Socket-outlets | Technical |
| 211672 | 3000:2018 | 6.4.4.4 | Switches and other accessories | Technical |
| 211673 | 3000:2018 | 6.4.4.5 | Luminaires, appliances and other electrical equipment | Technical |
| 211674 | 3000:2018 | 6.4.4.6 | Switchboards | Technical |
| 211675 | 3000:2018 | 6.4.4.7 | Electricity generation systems | Technical |
| 211676 | 3000:2018 | 6.4.4.8 | Electricity distributer's electrical equipment | Technical |
| 211677 | 3000:2018 | 6.5 | Saunas | Technical |
| 211678 | 3000:2018 | 6.5.2 | Classification of zones | Technical |
| 211680 | 3000:2018 | 6.5.3.1 | Use of SELV | Technical |
| 212681 | 3000:2018 | 6.5.3.2 | Protection against electric shock - Prohibited measures | Unsafe |
| 212682 | 3000:2018 | 6.5.3.3 | Protection against electric shock - Additional protection by RCD | Unsafe |
| 211683 | 3000:2018 | 6.5.4 | Selection and installation of electrical equipment | Technical |
| 211684 | 3000:2018 | 6.5.4.1 | Degree of protection required | Technical |
| 211685 | 3000:2018 | 6.5.4.2 | Requirements in classified zones | Technical |
| 211686 | 3000:2018 | 6.5.4.3 | Wiring systems | Technical |
| 211687 | 3000:2018 | 6.5.4.4 | Socket-outlets, switches and other accessories | Technical |
| 211688 | 3000:2018 | 6.5.4.5 | Sauna heating appliances | Technical |
| 211689 | 3000:2018 | 6.5.4.6 | Switchboards | Technical |
| 211690 | 3000:2018 | 6.6 | Refridgeration rooms | Technical |
| 211692 | 3000:2018 | 6.6.2.1 | Protection against electric shock - Use of SELV | Technical |
| 212693 | 3000:2018 | 6.6.2.2 | Protection against electric shock - Prohibited measures | Unsafe |
| 211694 | 3000:2018 | 6.6.3 | Selection and installation of electrical equipment | Technical |
| 211695 | 3000:2018 | 6.6.3.1 | Degree of protection required | Technical |
| 211696 | 3000:2018 | 6.6.3.2 | Wiring systems | Technical |
| 211697 | 3000:2018 | 6.6.3.2.1 | General | Technical |
| 211698 | 3000:2018 | 6.6.3.2.2 | Types permitted | Technical |
| 211699 | 3000:2018 | 6.6.3.2.3 | Sealing | Technical |
| 211700 | 3000:2018 | 6.6.3.3 | Socket-outlets, switches and other accessories | Technical |
| 211701 | 3000:2018 | 6.6.3.4 | Luminaires, lampholders and other equipment | Technical |
| 211702 | 3000:2018 | 6.6.3.4.1 | Luminaires | Technical |
| 211703 | 3000:2018 | 6.6.3.4.2 | Lampholders | Technical |
| 211704 | 3000:2018 | 6.6.3.5 | Fixed appliances and motors | Technical |
| 211705 | 3000:2018 | 6.6.3.6 | Heating elements in door seals | Technical |
| 211706 | 3000:2018 | 6.6.3.7 | Switchboards | Technical |
| 211707 | 3000:2018 | 6.7 | Sanitization And General Hosing-Down Operations | Technical |
| 211708 | 3000:2018 | 6.7.2 | Classification of zone | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211710 | 3000:2018 | 6.7.3.1 | Protection against electric shock - Use of SELV | Technical |
| 212711 | 3000:2018 | 6.7.3.2 | Protection against electric shock - Prohibited measures | Unsafe |
| 211712 | 3000:2018 | 6.7.4 | Selection and installation of electrical equipment | Technical |
| 211713 | 3000:2018 | 6.7.4.1 | Degree of protection required | Technical |
| 211714 | 3000:2018 | 6.7.4.2 | Electrical equipment | Technical |
| 211715 | 3000:2018 | 6.7.4.3 | Switchboards | Technical |
| 211716 | 3000:2018 | 7.1 | General | Technical |
| 211717 | 3000:2018 | 7.2 | Safety services | Technical |
| 211718 | 3000:2018 | 7.2.1.1 | General | Technical |
| 211719 | 3000:2018 | 7.2.2 | Supply systems | Technical |
| 211720 | 3000:2018 | 7.2.2.1 | General | Technical |
| 211721 | 3000:2018 | 7.2.2.2 | Wiring systems (mains, submains, main switchboard and supplies to outbuildings) | Technical |
| 211722 | 3000:2018 | 7.2.2.2.1 | WS classification provided | Technical |
| 211723 | 3000:2018 | 7.2.2.2.2 | WS classification is not provided | Technical |
| 211724 | 3000:2018 | 7.2.2.3 | Alternative supply systems | Technical |
| 211725 | 3000:2018 | 7.2.2.3.1 | Continued occupation | Technical |
| 211726 | 3000:2018 | 7.2.2.3.2 | Fire management system | Technical |
| 211727 | 3000:2018 | 7.2.3 | Main switchboard and switchgear | Technical |
| 211728 | 3000:2018 | 7.2.3.1 | General | Technical |
| 211729 | 3000:2018 | 7.2.3.2 | Switchgear | Technical |
| 211730 | 3000:2018 | 7.2.3.3 | Cables in the same enclosure | Technical |
| 211731 | 3000:2018 | 7.2.3.4 | Arrangement | Technical |
| 211732 | 3000:2018 | 7.2.3.5 | Discrimination (selectivity) of circuit-protective devices | Technical |
| 211733 | 3000:2018 | 7.2.4 | Main switches | Technical |
| 211734 | 3000:2018 | 7.2.4.1 | General | Technical |
| 211735 | 3000:2018 | 7.2.4.2 | Number of main switches | Technical |
| 211736 | 3000:2018 | 7.2.4.3 | Mechanical protection | Technical |
| 211737 | 3000:2018 | 7.2.4.4 | Identification | Technical |
| 211738 | 3000:2018 | 7.2.4.5 | Electrical installations in outbuildings | Technical |
| 211739 | 3000:2018 | 7.2.4.6 | Fire separated portions of a building | Technical |
| 211740 | 3000:2018 | 7.2.5 | Fire pumps and fire pump control equipment | Technical |
| 211741 | 3000:2018 | 7.2.5.1 | General | Technical |
| 211742 | 3000:2018 | 7.2.5.2 | Wiring systems supplying fire pumps and fire pump control equipment | Technical |
| 211743 | 3000:2018 | 7.2.5.2.1 | Types of wiring systems | Technical |
| 211744 | 3000:2018 | 7.2.5.2.2 | Segregation of cables | Technical |
| 211745 | 3000:2018 | 7.2.5.3 | Switchgear for fire pumps and fire pump control equipment | Technical |
| 211746 | 3000:2018 | 7.2.5.4 | Interposing switches for fire pumps and fire pump control equipment | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211747 | 3000:2018 | 7.2.5.5 | Pump rooms for fire pumps and fire pump control equipment | Technical |
| 211748 | 3000:2018 | 7.2.5.6 | Fire-pump motors | Technical |
| 211749 | 3000:2018 | 7.2.5.6.1 | Isolating switches for fire-pump motors | Technical |
| 211750 | 3000:2018 | 7.2.5.6.2 | Overcurrent protection for fire-pump motors | Technical |
| 211751 | 3000:2018 | 7.2.5.6.3 | Overtemperature protection for fire-pump motors | Technical |
| 211752 | 3000:2018 | 7.2.5.6.4 | Control circuits for fire-pump motors | Technical |
| 211753 | 3000:2018 | 7.2.6 | Fire and smoke detection equipment and fire alarm systems | Technical |
| 211754 | 3000:2018 | 7.2.6.1 | General | Technical |
| 211755 | 3000:2018 | 7.2.6.2 | Wiring systems for fire detection and alarm systems | Technical |
| 211756 | 3000:2018 | 7.2.6.2.1 | Types of wiring systems for fire detection and alarm systems | Technical |
| 211757 | 3000:2018 | 7.2.6.2.2 | Segregation of cables for fire detection and alarm systems | Technical |
| 211758 | 3000:2018 | 7.2.6.3 | Interposing switches for fire detection and alarm systems | Technical |
| 211759 | 3000:2018 | 7.2.7 | Air-handling systems | Technical |
| 211760 | 3000:2018 | 7.2.7.1 | General | Technical |
| 211761 | 3000:2018 | 7.2.7.2 | Wiring systems for air-handling systems | Technical |
| 211762 | 3000:2018 | 7.2.7.2.1 | Types of wiring system for air-handling systems | Technical |
| 211763 | 3000:2018 | 7.2.7.2.2 | Segregation of cables for air-handling systems | Technical |
| 211764 | 3000:2018 | 7.2.7.2.3 | Interposing switches for air-handling systems | Technical |
| 211765 | 3000:2018 | 7.2.8 | Evacuation equipment | Technical |
| 211766 | 3000:2018 | 7.2.8.1 | General | Technical |
| 211767 | 3000:2018 | 7.2.8.2 | Wiring systems for evacuation equipment | Technical |
| 211768 | 3000:2018 | 7.2.8.2.1 | Types of wiring system forevacuation equipment | Technical |
| 211769 | 3000:2018 | 7.2.7.2.2 | Segregation of cables forevacuation equipment | Technical |
| 211770 | 3000:2018 | 7.8.2.3 | Interposing switches for evacuation equipment | Technical |
| 211771 | 3000:2018 | 7.2.9 | Emergency lifts | Technical |
| 211772 | 3000:2018 | 7.2.9.1 | General | Technical |
| 211773 | 3000:2018 | 7.2.9.1.1 | In Australia | Technical |
| 212774 | 3000:2018 | 7.2.9.2 | Control and protection | Technical |
| 211775 | 3000:2018 | 7.2.9.3 | Wiring systems for emergency lifts | Technical |
| 211776 | 3000:2018 | 7.2.9.3.1 | Types of wiring system for emergency lifts | Technical |
| 211777 | 3000:2018 | 7.2.9.3.2 | Segregation of cables | Technical |
| 211778 | 3000:2018 | 7.2.9.4 | Interposing switches | Technical |
| 211779 | 3000:2018 | 7.2.9.5 | Switchgear | Technical |
| 211780 | 3000:2018 | 7.2.10 | Emergency motor-room-less lifts | Technical |
| 211781 | 3000:2018 | 7.2.10.1 | General | Technical |
| 211782 | 3000:2018 | 7.2.10.2 | Switchboards | Technical |
| 211783 | 3000:2018 | 7.2.10.3 | Switchgear | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211784 | 3000:2018 | 7.2.10.4 | Wiring systems | Technical |
| 211785 | 3000:2018 | 7.2.10.4.1 | Types of wiring systems for MRL lifts | Technical |
| 211786 | 3000:2018 | 7.2.10.4.2 | Segregation of cables | Technical |
| 211787 | 3000:2018 | 7.3 | Electricity Generation Systems | Technical |
| 211788 | 3000:2018 | 7.3.1 | General | Technical |
| 211789 | 3000:2018 | 7.3.2 | Selection and installation of system | Technical |
| 211790 | 3000:2018 | 7.3.3 | Control | Technical |
| 212791 | 3000:2018 | 7.3.3.1 | Basic protection and fault protection | Unsafe |
| 211792 | 3000:2018 | 7.3.4 | Isolation | Technical |
| 211793 | 3000:2018 | 7.3.4.1 | General | Technical |
| 211794 | 3000:2018 | 7.3.4.2 | Electricity generation systems incorporating batteries | Technical |
| 211795 | 3000:2018 | 7.3.5 | Overcurrent protection | Technical |
| 211796 | 3000:2018 | 7.3.5.1 | Electricity generation system protection | Technical |
| 211797 | 3000:2018 | 7.3.5.2 | Circuit protection | Technical |
| 211798 | 3000:2018 | 7.3.5.2.1 | General | Technical |
| 211799 | 3000:2018 | 7.3.5.2.2 | RCDs | Technical |
| 211800 | 3000:2018 | 7.3.6 | Earthing | Technical |
| 211801 | 3000:2018 | 7.3.7 | Connected electrical equipment | Technical |
| 211802 | 3000:2018 | 7.3.8 | Connection to electrical installation | Technical |
| 211803 | 3000:2018 | 7.3.8.1 | Alternative supplies | Technical |
| 211804 | 3000:2018 | 7.3.8.1.1 | General | Technical |
| 211805 | 3000:2018 | 7.3.8.1.2 | Switching | Technical |
| 211806 | 3000:2018 | 7.3.8.2 | Grid-connected inverter systems | Technical |
| 211807 | 3000:2018 | 7.3.8.2.1 | General | Technical |
| 211808 | 3000:2018 | 7.3.8.2.2 | Switching | Technical |
| 211809 | 3000:2018 | 7.3.8.2.3 | Connection | Technical |
| 211810 | 3000:2018 | 7.3.8.3 | Stand-alone power systems | Technical |
| 211811 | 3000:2018 | 7.3.8.3.1 | General | Technical |
| 211812 | 3000:2018 | 7.3.8.3.2 | Switching | Technical |
| 211813 | 3000:2018 | 7.3.8.3.3 | Connection | Technical |
| 211814 | 3000:2018 | 7.4 | Protection By Electrical Separation (Isolated Supply) | Technical |
| 211815 | 3000:2018 | 7.4.1 | General | Technical |
| 211816 | 3000:2018 | 7.4.2 | Source of supply | Technical |
| 211817 | 3000:2018 | 7.4.3 | Arrangement of circuits | Technical |
| 211818 | 3000:2018 | 7.4.4 | Switching devices | Technical |
| 211819 | 3000:2018 | 7.4.5 | Supply to single item of electrical equipment | Technical |
| 211820 | 3000:2018 | 7.4.6 | Supply to multiple items of electrical equipment | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211821 | 3000:2018 | 7.4.7 | Variable speed drive (VSD) EMI filters | Technical |
| 211822 | 3000:2018 | 7.4.8 | Testing | Technical |
| 213823 | 3000:2018 | 7.4.8.1 | General | Testing |
| 213824 | 3000:2018 | 7.4.8.2 | Single items of electrical equipment | Testing |
| 213825 | 3000:2018 | 7.4.8.3 | Multiple items of electrical equipment | Testing |
| 213826 | 3000:2018 | 7.4.8.4 | Bonding conductor continuity | Testing |
| 211827 | 3000:2018 | 7.5 | Extra-Low Voltage Electrical Installations | Technical |
| 211828 | 3000:2018 | 7.5.2 | Application | Technical |
| 211829 | 3000:2018 | 7.5.3 | Sources of supply to SELV and PELV systems | Technical |
| 211830 | 3000:2018 | 7.5.4 | Separation requirements for SELV and PELV circuits | Technical |
| 211831 | 3000:2018 | 7.5.5 | Arrangement of SELV circuits | Technical |
| 211832 | 3000:2018 | 7.5.6 | Arrangement of PELV circuits | Technical |
| 211833 | 3000:2018 | 7.5.7 | Voltage drop in conductors | Technical |
| 211834 | 3000:2018 | 7.5.8 | Control of an electrical installation | Technical |
| 211835 | 3000:2018 | 7.5.8.1 | Main switches | Technical |
| 211836 | 3000:2018 | 7.5.8.2 | Other switches | Technical |
| 211837 | 3000:2018 | 7.5.9 | Overcurrent protection | Technical |
| 211838 | 3000:2018 | 7.5.9.1 | General | Technical |
| 211839 | 3000:2018 | 7.5.9.2 | Omission of overcurrent protection | Technical |
| 211840 | 3000:2018 | 7.5.10 | Connecting devices | Technical |
| 211841 | 3000:2018 | 7.5.11 | Wiring systems | Technical |
| 211842 | 3000:2018 | 7.5.11.1 | General | Technical |
| 211843 | 3000:2018 | 7.5.11.2 | Aerial conductors | Technical |
| 211844 | 3000:2018 | 7.5.11.3 | Underground conductors | Technical |
| 211845 | 3000:2018 | 7.5.12 | Testing | Technical |
| 213846 | 3000:2018 | 7.5.12.1 | General | Testing |
| 213847 | 3000:2018 | 7.5.12.2 | Protection by SELV | Testing |
| 213848 | 3000:2018 | 7.5.12.3 | Protection by PELV | Testing |
| 211849 | 3000:2018 | 7.6 | High voltage electrical installations | Technical |
| 211850 | 3000:2018 | 7.6.2 | Application | Technical |
| 211851 | 3000:2018 | 7.6.2.1 | In Australia | Technical |
| 211852 | 3000:2018 | 7.6.3 | Issues relevant to high voltage installations | Technical |
| 211853 | 3000:2018 | 7.7 | Hazardous areas (Explosive gas or combustible dusts) | Technical |
| 211854 | 3000:2018 | 7.7.2 | Classification of hazardous areas | Technical |
| 211855 | 3000:2018 | 7.7.2.1 | Responsibility for classification | Technical |
| 211856 | 3000:2018 | 7.7.2.2 | Hazardous areas (AS/NZS 60079 series) | Technical |
| 211857 | 3000:2018 | 7.7.2.3 | Reduction or elimination of the hazard | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211858 | 3000:2018 | 7.7.2.4 | Electrical equipment | Technical |
| 211859 | 3000:2018 | 7.7.2.4.1 | Selection | Technical |
| 211860 | 3000:2018 | 7.7.2.4.2 | Installation | Technical |
| 211861 | 3000:2018 | 7.8 | Standards for specific electrical installations | Technical |
| 211862 | 3000:2018 | 7.8.1 | Scope | Technical |
| 211863 | 3000:2018 | 7.8.2 | Standards containing additional requirements | Technical |
| 211864 | 3000:2018 | 7.8.2.1 | Construction and demolition sites | Technical |
| 211865 | 3000:2018 | 7.8.2.2 | Electro medical treatment areas | Technical |
| 211866 | 3000:2018 | 7.8.2.3 | Transportable structures and vehicles including their site supplies | Technical |
| 211867 | 3000:2018 | 7.8.2.4 | Marinas and recreational boats | Technical |
| 211868 | 3000:2018 | 7.8.2.5 | Shows and carnivals | Technical |
| 211869 | 3000:2018 | 7.8.2.6 | Telecommunication network power supplies | Technical |
| 211870 | 3000:2018 | 7.8.2.7 | Cranes and hoists | Technical |
| 211871 | 3000:2018 | 7.8.2.8 | Lifts | Technical |
| 211872 | 3000:2018 | 7.8.2.9 | High voltage installations | Technical |
| 211873 | 3000:2018 | 7.8.2.10 | Generating sets | Technical |
| 211874 | 3000:2018 | 7.8.2.11 | Inverters | Technical |
| 211875 | 3000:2018 | 7.8.2.12 | Low voltage switch gear and control gear assemblies | Technical |
| 211876 | 3000:2018 | 7.8.2.13 | Stand-alone power systems | Technical |
| 211877 | 3000:2018 | 7.8.2.14 | Photovoltaic (PV) arrays | Technical |
| 211878 | 3000:2018 | 7.8.2.15 | Secondary battery systems | Technical |
| 211879 | 3000:2018 | 7.8.2.16 | Mobile medical facilities (NZ only) | Technical |
| 211880 | 3000:2018 | 7.8.2.17 | Floor and ceiling heating systems (NZ only) | Technical |
| 211881 | 3000:2018 | 7.8.2.18 | Explosive atmospheres and hazardous areas | Technical |
| 211882 | 3000:2018 | 8.1 | General | Technical |
| 211883 | 3000:2018 | 8.1.2 | General requirements | Technical |
| 211884 | 3000:2018 | 8.1.3 | Periodic inspection and testing | Technical |
| 211885 | 3000:2018 | 8.2 | Visual inspection | Technical |
| 211886 | 3000:2018 | 8.2.1 | General | Technical |
| 211887 | 3000:2018 | 8.2.2 | Checklist | Technical |
| 211888 | 3000:2018 | 8.3 | Testing | Technical |
| 211889 | 3000:2018 | 8.3.1 | General | Technical |
| 211890 | 3000:2018 | 8.3.2 | Test methods | Technical |
| 213891 | 3000:2018 | 8.3.3 | Mandatory tests | Testing |
| 211892 | 3000:2018 | 8.3.3.1 | Low voltage | Technical |
| 211893 | 3000:2018 | 8.3.3.2 | Extra-low voltage | Technical |
| 211894 | 3000:2018 | 8.3.3.3 | Test failures | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 211895 | 3000:2018 | 8.3.4 | Sequence of tests | Technical |
| 213897 | 3000:2018 | 8.3.5.1 | Continuity of the earthing system - General | Testing |
| 213898 | 3000:2018 | 8.3.5.2 | Continuity of the earthing system - Results | Testing |
| 213900 | 3000:2018 | 8.3.6.1 | Insulation resistance- General | Testing |
| 213901 | 3000:2018 | 8.3.6.2 | Method | Testing |
| 212902 | 3000:2018 | 8.3.6.3 | Insulation resistance - Results | Unsafe |
| 213904 | 3000:2018 | 8.3.7.1 | Polarity - General | Testing |
| 212905 | 3000:2018 | 8.3.7.2 | Polarity - Results | Unsafe |
| 213907 | 3000:2018 | 8.3.8.1 | Correct circuit connections - General | Testing |
| 212908 | 3000:2018 | 8.3.8.2 | Correct circuit connections - Results | Unsafe |
| 211909 | 3000:2018 | 8.3.9 | Verification of earth fault-loop impedance (EFLI) | Technical |
| 211910 | 3000:2018 | 8.3.9.1 | Low voltage socket-outlet circuits | Technical |
| 211911 | 3000:2018 | 8.3.9.2 | Methods | Technical |
| 211912 | 3000:2018 | 8.3.9.2.1 | General | Technical |
| 211913 | 3000:2018 | 8.3.9.2.2 | Supply available | Technical |
| 211914 | 3000:2018 | 8.3.9.2.3 | No supply available | Technical |
| 211915 | 3000:2018 | 8.3.9.3 | Results | Technical |
| 213916 | 3000:2018 | 8.3.10 | Operation of RCDs | Testing |
| 211917 | 3000:2018 | 8.4 | Verification Records | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 811001 | 3001: 2008 | 1.2 | Application | Technical |
| 811002 | 3001: 2008 | 2.1 | Supply Arrangements | Technical |
| 811003 | 3001: 2008 | 2.2.1 | Supply from service pillar | Technical |
| 811004 | 3001: 2008 | 2.2.2 | Underground wiring providing site supply | Technical |
| 811005 | 3001: 2008 | 2.2.3 | Overhead wiring providing the site supply | Technical |
| 811006 | 3001: 2008 | 2.2.4 | Earthing - In Australia | Technical |
| 811007 | 3001: 2008 | 2.2.5 | Maximum demand | Technical |
| 811008 | 3001: 2008 | 2.2.6 | Caravan park service pillars | Technical |
| 811009 | 3001: 2008 | 2.2.7 | Socket-outlets | Technical |
| 811010 | 3001: 2008 | 2.2.8 | Construction of caravan park service pillars | Technical |
| 811011 | 3001: 2008 | 2.2.9 | Other switchboards | Technical |
| 811012 | 3001: 2008 | 2.2.10 | Other socket-outlets | Technical |
| 811013 | 3001: 2008 | 2.3.1 | Supply from socket-outlet | Technical |
| 811014 | 3001: 2008 | 2.3.2 | Configuration and rating | Technical |
| 811015 | 3001: 2008 | 2.3.3 | Overload protection | Technical |
| 811016 | 3001: 2008 | 2.3.4 | Protection against earth leakage current | Technical |
| 811017 | 3001: 2008 | 2.3.5 | Control | Technical |
| 811018 | 3001: 2008 | 2.3.6 | Common overload, earth leakage and control device | Technical |
| 811019 | 3001: 2008 | 2.3.7 | Weatherproofing | Technical |
| 811020 | 3001: 2008 | 2.3.8 | Doors and covers | Technical |
| 811021 | 3001: 2008 | 2.3.9 | Strain relief | Technical |
| 811022 | 3001: 2008 | 2.4.1 | Requirements for portable generator sets or inverters | Technical |
| 811023 | 3001: 2008 | 2.4.2 | Overcurrent protection | Technical |
| 811024 | 3001: 2008 | 2.4.3 | Earth leakage protection | Technical |
| 811025 | 3001: 2008 | 2.4.4 | Combined overcurrent and earth leakage protection | Technical |
| 811026 | 3001: 2008 | 2.6 | Sites For Low-Consumption Transportable Structures | Technical |
| 811027 | 3001: 2008 | 2.7.1 | Initial verification of the installation | Technical |
| 811028 | 3001: 2008 | 3.2.1 | Provision For Connection To Site Supply - General | Technical |
| 811029 | 3001: 2008 | 3.2.2 | Detachable connection at the transportable structure or vehicle | Technical |
| 811030 | 3001: 2008 | 3.2.3 | Permanent connection of the supply lead | Technical |
| 811031 | 3001: 2008 | 3.2.4 | Multiple connections | Technical |
| 811032 | 3001: 2008 | 3.3 | Control and protection | Technical |
| 811033 | 3001: 2008 | 3.3.1 | Overcurrent protection | Technical |
| 811034 | 3001: 2008 | 3.3.2 | Protection against earth leakage current | Technical |
| 811035 | 3001: 2008 | 3.3.3 | Location | Technical |
| 811036 | 3001: 2008 | 3.3.4 | Prohibited equipment | Technical |
| 811037 | 3001: 2008 | 3.4.1 | Wiring system - Size and type of cable | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 811038 | 3001: 2008 | 3.4.2 | Protection from damage | Technical |
| 811039 | 3001: 2008 | 3.4.3 | Fixing | Technical |
| 811040 | 3001: 2008 | 3.4.4 | Isolation and segregation | Technical |
| 811041 | 3001: 2008 | 3.5.1 | Earting - Detachable connection, General | Technical |
| 811042 | 3001: 2008 | 3.5.2 | Equipotential bonding | Technical |
| 811043 | 3001: 2008 | 3.6.1 | Accessories - Mounting | Technical |
| 811044 | 3001: 2008 | 3.6.2 | Switches | Technical |
| 811045 | 3001: 2008 | 3.6.3 | Socket-outlets | Technical |
| 811046 | 3001: 2008 | 3.7.1 | Permanently connected appliances - Control | Technical |
| 811047 | 3001: 2008 | 3.7.2 | Over-temperature cut-out | Technical |
| 811048 | 3001: 2008 | 3.9 | Electrical Installations in damp areas | Technical |
| 811049 | 3001: 2008 | 3.10.1 | Initial verification of the installation | Technical |
| 811050 | 3001: 2008 | 4.1 | General | Technical |
| 811051 | 3001: 2008 | 4.2.1 | Supply to Electrical Equipment - One item to be supplied | Technical |
| 811052 | 3001: 2008 | 4.2.2 | More than one item to be supplied | Technical |
| 811053 | 3001: 2008 | 4.3.1 | Connection of supply - General | Technical |
| 811054 | 3001: 2008 | 4.3.2 | Multiple transportable structures occupying the one site | Technical |
| 811055 | 3001: 2008 | 4.3.3 | Restriction on connection | Technical |
| 811056 | 3001: 2008 | 4.3.4 | Prohibited connections | Technical |
| 811057 | 3001: 2008 | 4.4.1 | Outlet boxes - General | Technical |
| 811058 | 3001: 2008 | 4.4.2 | Construction | Technical |
| 811059 | 3001: 2008 | 4.4.3 | Termination of supply lead | Technical |
| 811060 | 3001: 2008 | 4.4.4 | Socket-outlets | Technical |
| 811061 | 3001: 2008 | 4.4.5 | Earthing | Technical |
| 811062 | 3001: 2008 | 4.4.6 | Overcurrent protection | Technical |
| 811063 | 3001: 2008 | 4.4.7 | Protection against earth leakage current | Technical |
| 811064 | 3001: 2008 | 4.4.8 | Control switches | Technical |
| 811065 | 3001: 2008 | 4.4.9 | Marking | Technical |
| 811066 | 3001: 2008 | 4.4.10 | Lighting | Technical |
| 811067 | 3001: 2008 | 4.5.1 | Handlamps | Technical |
| 811068 | 3001: 2008 | 4.5.2 | Lighting equipment other than handlamps | Technical |
| 811069 | 3001: 2008 | 5.1.1 | Supply lead - General | Technical |
| 811070 | 3001: 2008 | 5.1.2 | Technical details | Technical |
| 811071 | 3001: 2008 | 5.1.3 | Length | Technical |
| 811072 | 3001: 2008 | 5.1.4 | Coiled leads | Technical |
| 811073 | 3001: 2008 | 5.2 | Installation of supply lead | Technical |

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|---|---|---|---|---|
| 821001 | 3002: 2008 | 1.2 | Application | Technical |
| 821002 | 3002: 2008 | 2.1.1 | General | Technical |
| 821003 | 3002: 2008 | 2.1.2 | Underground wiring | Technical |
| 821004 | 3002: 2008 | 2.1.3 | Overhead wiring | Technical |
| 821005 | 3002: 2008 | 2.2 | Maximum demand | Technical |
| 821006 | 3002: 2008 | 2.3.1 | General | Technical |
| 821007 | 3002: 2008 | 2.3.2 | Enclosure | Technical |
| 821008 | 3002: 2008 | 2.3.3 | Socket-outlets | Technical |
| 821009 | 3002: 2008 | 2.3.4 | Other connection facilities | Technical |
| 821010 | 3002: 2008 | 2.3.5 | Overload protection | Technical |
| 821011 | 3002: 2008 | 2.3.6 | RCD Protection | Technical |
| 821012 | 3002: 2008 | 2.3.7 | Control and isolation | Technical |
| 821013 | 3002: 2008 | 2.4.1 | Switchboards - General | Technical |
| 821014 | 3002: 2008 | 2.4.2 | Enclosure | Technical |
| 821015 | 3002: 2008 | 2.5.1 | Location and mounting of switchboard enclosures | Technical |
| 821016 | 3002: 2008 | 2.5.2 | Socket-outlets | Technical |
| 821017 | 3002: 2008 | 2.5.3 | Identification | Technical |
| 821018 | 3002: 2008 | 3.1 | General | Technical |
| 821019 | 3002: 2008 | 3.2 | Generating sets | Technical |
| 821020 | 3002: 2008 | 3.3 | Inverters | Technical |
| 821021 | 3002: 2008 | 3.4 | RCD type for generator sets and switchboards | Technical |
| 821022 | 3002: 2008 | 4.2.1 | Cable selection | Technical |
| 821023 | 3002: 2008 | 4.2.2 | Installation of cables | Technical |
| 821024 | 3002: 2008 | 4.2.3 | Connection of cables | Technical |
| 821025 | 3002: 2008 | 4.3.1 | Cascadable reticulation units - General | Technical |
| 821026 | 3002: 2008 | 4.3.2 | Enclosure | Technical |
| 821027 | 3002: 2008 | 4.3.3 | Location and mounting of cascadable reticulation units | Technical |
| 821028 | 3002: 2008 | 4.4.1 | Outlet boxes - General | Technical |
| 821029 | 3002: 2008 | 4.4.2 | Construction | Technical |
| 821030 | 3002: 2008 | 4.4.3 | Termination of supply lead | Technical |
| 821031 | 3002: 2008 | 4.4.4 | Socket-outlets | Technical |
| 821032 | 3002: 2008 | 4.4.5 | Earthing | Technical |
| 821033 | 3002: 2008 | 4.4.6 | Overcurrent protection | Technical |
| 822034 | 3002: 2008 | 4.4.7 | Protection against earth leakage current | Unsafe |
| 821035 | 3002: 2008 | 4.4.8 | Control switches | Technical |
| 821036 | 3002: 2008 | 4.4.9 | Marking | Technical |
| 821037 | 3002: 2008 | 4.5.1 | Electical portable outlet devices - General | Technical |

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|---|---|---|---|---|
| 821038 | 3002: 2008 | 4.5.2 | Connection to low-voltage electrical power supply | Technical |
| 821039 | 3002: 2008 | 4.5.3 | Location | Technical |
| 822040 | 3002: 2008 | 4.5.4 | Protection against earth leakage current | Unsafe |
| 821041 | 3002: 2008 | 4.6.1 | Festoon and decorative lighting - General | Technical |
| 821042 | 3002: 2008 | 4.6.2 | Clearances | Technical |
| 821043 | 3002: 2008 | 4.6.3 | Loading of final subcircuits | Technical |
| 821044 | 3002: 2008 | 4.6.4 | Decorative lighting outfits | Technical |
| 822045 | 3002: 2008 | 4.6.5 | Protection against earth leakage current | Unsafe |
| 821046 | 3002: 2008 | 4.7 | Riding devices | Technical |

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|---|---|---|---|---|
| 831001 | 3004.1: 2014 | 2.1.1 | Wiring details - General | Technical |
| 831002 | 3004.1: 2014 | 2.1.2 | Selection of electrical wiring systems | Technical |
| 831003 | 3004.1: 2014 | 2.1.3 | Earthing system | Technical |
| 831004 | 3004.1: 2014 | 2.2 | Maximum Demand Of Mains And Submains | Technical |
| 831005 | 3004.1: 2014 | 2.3.1 | Isolating Transformers- General | Technical |
| 831006 | 3004.1: 2014 | 2.3.2 | Protection | Technical |
| 831007 | 3004.1: 2014 | 2.4.1 | Switchboards Providing Low-Voltage Electrical Supply To Boats - General | Technical |
| 831008 | 3004.1: 2014 | 2.4.2 | Service Pillars | Technical |
| 831009 | 3004.1: 2014 | 2.4.3 | Other Switchboards | Technical |
| 831010 | 3004.1: 2014 | 2.5 | Other Socket-Outlets | Technical |
| 831011 | 3004.1: 2014 | 3.1.1 | Supply Lead - General | Technical |
| 831012 | 3004.1: 2014 | 3.1.2 | Coiled Leads | Technical |
| 831013 | 3004.1: 2014 | 3.2 | Installation Of Supply Lead | Technical |
| 831014 | 3004.1: 2014 | 3.3.1 | Earthing - General | Technical |
| 831015 | 3004.1: 2014 | 3.3.2 | Supply Through A Shore-Mounted Isolating Transformer | Technical |
| 831016 | 3004.1: 2014 | 3.3.3 | Supply Through An On-Board Isolating Transformer | Technical |
| 831017 | 3004.1: 2014 | 3.3.4 | Supply Without An Isolating Transformer | Technical |
| 831018 | 3004.1: 2014 | 4.1 | General | Technical |
| 833019 | 3004.1: 2014 | 4.2.1 | Periodic Verification - Testing | Testing |
| 831020 | 3004.1: 2014 | 4.2.2 | Recording of results | Technical |
| 611001 | 3010: 2017 | 2.1 | General | Technical |
| 611002 | 3010: 2017 | 2.1.1 | Scope of Section | Technical |
| 611003 | 3010: 2017 | 2.1.2 | Rating classifications | Technical |
| 611004 | 3010: 2017 | 2.1.3 | Selection of generating set rating | Technical |
| 611005 | 3010: 2017 | 2.1.4 | Generating set system of supply | Technical |
| 611006 | 3010: 2017 | 2.2 | Location | Technical |
| 611007 | 3010: 2017 | 2.3 | Mechanical And Thermal Protection | Technical |
| 611008 | 3010: 2017 | 2.3.1 | Protection from mechanical damage | Technical |
| 611009 | 3010: 2017 | 2.3.2 | Protection from moving parts | Technical |
| 611010 | 3010: 2017 | 2.3.3 | Protection against thermal effects | Technical |
| 611011 | 3010: 2017 | 2.3.4 | Protection against fuel leakage | Technical |
| 611012 | 3010: 2017 | 2.4 | Control Of Generating Set | Technical |
| 611013 | 3010: 2017 | 2.4.1 | General | Technical |
| 611014 | 3010: 2017 | 2.4.2 | Prime mover isolating devices | Technical |
| 611015 | 3010: 2017 | 2.4.2.1 | Operation | Technical |
| 611016 | 3010: 2017 | 2.4.2.2 | Location | Technical |
| 611017 | 3010: 2017 | 2.4.3 | Synchronization | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 611018 | 3010: 2017 | 2.4.4 | Starting batteries and battery charging | Technical |
| 611019 | 3010: 2017 | 2.5 | Earthing Arrangements | Technical |
| 611020 | 3010: 2017 | 2.6 | Electrical Installation | Technical |
| 611021 | 3010: 2017 | 2.6.1 | General requirements | Technical |
| 611022 | 3010: 2017 | 2.6.1.1 | General | Technical |
| 611023 | 3010: 2017 | 2.6.1.2 | Isolation from the normal supply system | Technical |
| 611024 | 3010: 2017 | 2.6.1.3 | Generating set neutral conductor | Technical |
| 611025 | 3010: 2017 | 2.6.2 | Overcurrent protection | Technical |
| 611026 | 3010: 2017 | 2.6.3 | Generator output isolator | Technical |
| 611027 | 3010: 2017 | 2.7 | Alternative Supply (Standby) | Technical |
| 611028 | 3010: 2017 | 2.7.1 | General | Technical |
| 611029 | 3010: 2017 | 2.7.2 | Operation | Technical |
| 611030 | 3010: 2017 | 2.7.3 | Interlocking | Technical |
| 611031 | 3010: 2017 | 2.7.4 | Changeover device with intermediate ‘off’ position | Technical |
| 611032 | 3010: 2017 | 2.7.5 | Changeover device without an intermediate ‘off’ position | Technical |
| 611033 | 3010: 2017 | 2.7.6 | Rating | Technical |
| 611034 | 3010: 2017 | 2.7.7 | Access | Technical |
| 611035 | 3010: 2017 | 2.7.8 | Identification | Technical |
| 611036 | 3010: 2017 | 2.7.9 | Automatic changeover to normal supply | Technical |
| 611037 | 3010: 2017 | 2.7.10 | Changeover device in the generator neutral | Technical |
| 611038 | 3010: 2017 | 2.7.10.1 | In Australia | Technical |
| 611039 | 3010: 2017 | 2.7.11 | Three pole/three pole changeover devices | Technical |
| 611040 | 3010: 2017 | 2.7.12 | Three pole/four pole changeover devices | Technical |
| 611041 | 3010: 2017 | 2.7.13 | Four pole/four pole changeover device | Technical |
| 611042 | 3010: 2017 | 2.8 | Earthing And Bonding Requirements | Technical |
| 611043 | 3010: 2017 | 2.8.1 | General | Technical |
| 611044 | 3010: 2017 | 2.8.2 | Earthing and bonding alterations to existing installations | Technical |
| 611045 | 3010: 2017 | 2.8.3 | Generating set bonding system | Technical |
| 611046 | 3010: 2017 | 2.8.4 | Generating set windings | Technical |
| 611047 | 3010: 2017 | 2.8.4.1 | Multi-phase and single-phase three wire centre-tapped generating sets | Technical |
| 611048 | 3010: 2017 | 2.8.4.2 | Single-phase portable generating sets | Technical |
| 611049 | 3010: 2017 | 2.8.5 | Connection of generating set windings | Technical |
| 611050 | 3010: 2017 | 2.8.6 | Arrangement of equipment | Technical |
| 611051 | 3010: 2017 | 2.8.7 | Rating | Technical |
| 611052 | 3010: 2017 | 2.8.8 | Provisions for securing isolating devices | Technical |
| 611053 | 3010: 2017 | 2.8.9 | Indication of switch position | Technical |
| 611054 | 3010: 2017 | 2.9 | Generator Switchboards | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 611055 | 3010: 2017 | 2.1 | Lightning Protection Systems | Technical |
| 611056 | 3010: 2017 | 2.11 | Generating Sets Connected As Normal Supply To A Main Switchboard In A Permanent Electrical Installation | Technical |
| 611057 | 3010: 2017 | 2.11.1 | Generating Set | Technical |
| 611058 | 3010: 2017 | 2.11.2 | System Of Supply For Generating Set And Main Switchboard | Technical |
| 611059 | 3010: 2017 | 2.11.2.1 | Overcurrent Protection | Technical |
| 611060 | 3010: 2017 | 2.11.2.2 | Connection To The Electrical Installation | Technical |
| 611061 | 3010: 2017 | 2.11.2.3 | Earthing And Equipotential Bond Connections | Technical |
| 611062 | 3010: 2017 | 2.11.2.4 | Unsuitable Electrical Equipment | Technical |
| 611063 | 3010: 2017 | 2.11.2.5 | Connection Details | Technical |
| 611064 | 3010: 2017 | 2.11.3 | Other Systems Of Supply | Technical |
| 611065 | 3010: 2017 | 2.12 | Generating Sets Connected To An Electrical Installation Connected As An Alternative Supply | Technical |
| 611066 | 3010: 2017 | 2.12.1 | General | Technical |
| 611067 | 3010: 2017 | 2.12.2 | System of supply for the generating set and switchboards | Technical |
| 611068 | 3010: 2017 | 2.12.2.1 | Overcurrent protection | Technical |
| 611069 | 3010: 2017 | 2.12.2.2 | Connection to switchboards | Technical |
| 611070 | 3010: 2017 | 3.1 | Generating Sets Supplying Safety And Essential Services | Technical |
| 611071 | 3010: 2017 | 3.2 | LOCATION | Technical |
| 611072 | 3010: 2017 | 3.2.1 | General | Technical |
| 611073 | 3010: 2017 | 3.2.2 | Access space for generating sets | Technical |
| 611074 | 3010: 2017 | 3.2.3 | Exit from generating set area | Technical |
| 611075 | 3010: 2017 | 3.2.3.1 | General | Technical |
| 611076 | 3010: 2017 | 3.2.3.2 | Number of openings | Technical |
| 611077 | 3010: 2017 | 3.2.3.3 | Opening and locking of doors | Technical |
| 611078 | 3010: 2017 | 3.2.3.4 | Size of doors and openings | Technical |
| 611079 | 3010: 2017 | 3.2.4 | Ventilation | Technical |
| 611080 | 3010: 2017 | 3.2.5 | Noise containment | Technical |
| 611081 | 3010: 2017 | 3.2.6 | Lighting | Technical |
| 611082 | 3010: 2017 | 3.3 | Guarding Of Live Parts | Technical |
| 611083 | 3010: 2017 | 3.3.1 | General | Technical |
| 611084 | 3010: 2017 | 3.3.2 | Walked on surfaces | Technical |
| 611085 | 3010: 2017 | 3.3.3 | Outdoor locations | Technical |
| 611086 | 3010: 2017 | 3.4 | Transformers | Technical |
| 611087 | 3010: 2017 | 3.5 | Generating Sets Supplying Safety And Essential Services | Technical |
| 611088 | 3010: 2017 | 3.5.1 | General | Technical |
| 611089 | 3010: 2017 | 3.5.2 | Type | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 611090 | 3010: 2017 | 3.5.3 | Overcurrent protection | Technical |
| 611091 | 3010: 2017 | 3.5.4 | Paralleling sources of supply | Technical |
| 611092 | 3010: 2017 | 3.5.5 | Supply of other than safety services or essential services | Technical |
| 611093 | 3010: 2017 | 3.5.6 | Automatic changeover to an emergency essential or supply system | Technical |
| 611094 | 3010: 2017 | 3.5.7 | Switchgear | Technical |
| 611095 | 3010: 2017 | 4.1 | General | Technical |
| 611096 | 3010: 2017 | 4.2 | Connection To An Electrical Installation | Technical |
| 611097 | 3010: 2017 | 4.2.1 | General | Technical |
| 611098 | 3010: 2017 | 4.2.2 | Connection to an installation | Technical |
| 611099 | 3010: 2017 | 4.2.3 | Connection | Technical |
| 611100 | 3010: 2017 | 4.3 | Earthing And Bonding | Technical |
| 611101 | 3010: 2017 | 4.3.1 | General | Technical |
| 611102 | 3010: 2017 | 4.3.2 | Connection of generating set windings | Technical |
| 611103 | 3010: 2017 | 4.3.2.1 | Multi-phase and single-phase generating sets | Technical |
| 611104 | 3010: 2017 | 4.3.2.2 | Earth electrode | Technical |
| 611105 | 3010: 2017 | 4.3.2.3 | Current limiting of the incoming supply | Technical |
| 611106 | 3010: 2017 | 4.3.2.4 | Enclosure of live parts | Technical |
| 611107 | 3010: 2017 | 4.3.2.5 | Marking | Technical |
| 611108 | 3010: 2017 | 4.3.2.6 | Control of socket outlets | Technical |
| 611109 | 3010: 2017 | 4.3.2.6 | Control of socket outlets | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 841001 | 3012: 2015 | 1.2 | Application | Technical |
| 841002 | 3012: 2015 | 2.1 | Supply | Technical |
| 841003 | 3012: 2015 | 2.1.1 | Construction wiring | Technical |
| 841004 | 3012: 2015 | 2.1.2 | Appliances, luminaires and electrical equipment | Technical |
| 841005 | 3012: 2015 | 2.1.3 | Identification of source of supply | Technical |
| 841006 | 3012: 2015 | 2.1.4 | Connection devices | Technical |
| 841007 | 3012: 2015 | 2.1.5 | Polarization | Technical |
| 841008 | 3012: 2015 | 2.1.6 | Separate circuit requirements | Technical |
| 841009 | 3012: 2015 | 2.2 | Maximum Demand | Technical |
| 841010 | 3012: 2015 | 2.3 | Switchboards Installed For The Purpose Of Construction And Demolition | Technical |
| 841011 | 3012: 2015 | 2.3.1.1 | General | Technical |
| 841012 | 3012: 2015 | 2.3.1.2 | Distribution boards | Technical |
| 841013 | 3012: 2015 | 2.3.2 | Switchboard construction | Technical |
| 841014 | 3012: 2015 | 2.3.2.1 | General requirements | Technical |
| 841015 | 3012: 2015 | 2.3.2.2 | Alternative switchboard construction | Technical |
| 841016 | 3012: 2015 | 2.3.3 | Mounting of switchboards | Technical |
| 841017 | 3012: 2015 | 2.3.4 | Socket-outlets | Technical |
| 841018 | 3012: 2015 | 2.3.5 | Support of cables entering switchboards | Technical |
| 841019 | 3012: 2015 | 2.4.1 | Control | Technical |
| 841020 | 3012: 2015 | 2.4.2 | Securing of isolating switch | Technical |
| 841021 | 3012: 2015 | 2.4.3 | Marking of isolating switches | Technical |
| 841022 | 3012: 2015 | 2.4.4 | Size of marking | Technical |
| 841023 | 3012: 2015 | 2.4.5.1 | Sub-mains | Technical |
| 841024 | 3012: 2015 | 2.4.5.2 | Final sub-circuits | Technical |
| 842025 | 3012: 2015 | 2.4.6.1 | Final sub-circuits of construction wiring | Unsafe |
| 842026 | 3012: 2015 | 2.4.6.2 | Appliances, luminaires and other electrical equipment supplied by final subcircuits of permanent installation wiring | Unsafe |
| 841027 | 3012: 2015 | 2.4.6.3 | Electrical equipment supplied by low-voltage generators | Technical |
| 841028 | 3012: 2015 | 2.4.6.4 | Electrical equipment supplied by inverters | Technical |
| 841029 | 3012: 2015 | 2.4.6.5 | Permanent wiring located where construction or demolition work may be carried out | Technical |
| 841030 | 3012: 2015 | 2.4.7 | Switching of single-phase socket-outlets | Technical |
| 841031 | 3012: 2015 | 2.5.1 | Cables and fittings | Technical |
| 841032 | 3012: 2015 | 2.5.2 | Installation of cables | Technical |
| 841033 | 3012: 2015 | 2.5.3 | Protection against mechanical damage | Technical |
| 841034 | 3012: 2015 | 2.5.4 | Marking | Technical |
| 841035 | 3012: 2015 | 2.5.5 | Use of unarmoured cables | Technical |
| 841036 | 3012: 2015 | 2.5.6 | Location and marking of overhead wiring (including aerial and catenary wiring) | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 841037 | 3012: 2015 | 2.5.7 | Type of aerial conductor | Technical |
| 841038 | 3012: 2015 | 2.5.8 | Cables supported by a catenary | Technical |
| 841039 | 3012: 2015 | 2.6.1 | General | Technical |
| 841040 | 3012: 2015 | 2.6.2 | Minimum conductor size and core configuration | Technical |
| 841041 | 3012: 2015 | 2.6.3 | Type of flexible cord and cable | Technical |
| 841042 | 3012: 2015 | 2.6.4 | Colour | Technical |
| 841043 | 3012: 2015 | 2.6.5 | Current-carrying capacity | Technical |
| 841044 | 3012: 2015 | 2.6.6 | Accessories for connection | Technical |
| 841045 | 3012: 2015 | 2.6.7 | Maximum length | Technical |
| 841046 | 3012: 2015 | 2.6.8 | Limitations on the use of cord extension sets | Technical |
| 841047 | 3012: 2015 | 2.6.9 | Protection of flexible cords or cables | Technical |
| 841048 | 3012: 2015 | 2.6.10 | Portable socket-outlet assemblies (PSOAs) | Technical |
| 841049 | 3012: 2015 | 2.6.11 | Auxiliary socket-outlet panels | Technical |
| 841050 | 3012: 2015 | 2.6.12 | Electrical portable outlet devices (EPODS) | Technical |
| 841051 | 3012: 2015 | 2.7.2 | lighting and luminaires - Mechanical protection | Technical |
| 841052 | 3012: 2015 | 2.7.3.1 | Emergency lighting - General | Technical |
| 841053 | 3012: 2015 | 2.7.3.2 | Verification | Technical |
| 841054 | 3012: 2015 | 2.7.4 | Hand-held luminaires | Technical |
| 841055 | 3012: 2015 | 2.7.5 | Edison screw type lampholders | Technical |
| 841056 | 3012: 2015 | 2.7.6 | Festoon lighting | Technical |
| 841057 | 3012: 2015 | 2.7.7 | Portable luminaires | Technical |
| 841058 | 3012: 2015 | 2.8.1 | Lift Shafts - General | Technical |
| 841059 | 3012: 2015 | 2.8.2 | Multiple lift shafts | Technical |
| 841060 | 3012: 2015 | 2.8.3 | Emergency lighting | Technical |
| 841061 | 3012: 2015 | 2.8.4 | False-car (Guided work platform) | Technical |
| 841062 | 3012: 2015 | 2.9 | Transportable Structures | Technical |
| 841063 | 3012: 2015 | 3.2 | Frequency Of Verification (Inspection And Testing) | Technical |
| 841064 | 3012: 2015 | 3.3 | PERSONNEL | Technical |
| 843065 | 3012: 2015 | 3.4.1 | Initial verification | Testing |
| 843066 | 3012: 2015 | 3.4.2 | Periodic verification | Testing |
| 843067 | 3012: 2015 | 3.5 | RCDS | Testing |
| 841068 | 3012: 2015 | 3.6.1 | Other Electrical Equipment On Site - General | Technical |
| 841069 | 3012: 2015 | 3.6.2 | Protective earthing continuity | Technical |
| 841070 | 3012: 2015 | 3.6.3 | Insulation resistance or leakage current | Technical |
| 841071 | 3012: 2015 | 3.6.4 | Arc welding equipment | Technical |
| 841072 | 3012: 2015 | 3.7 | Connection Between Generator Windings, Frame And Equipotential Bonding System | Technical |
| 841073 | 3012: 2015 | 3.8.1 | Construction wiring | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 841074 | 3012: 2015 | 3.8.2 | Non-compliant equipment | Technical |
| 841075 | 3012: 2015 | 3.8.3 | Compliant equipment | Technical |
| 841076 | 3012: 2015 | 3.9 | Portable Generator Sets And Inverters | Technical |
| 841077 | 3012: 2015 | 3.1 | Documentation | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 851001 | 3011.1: 1992 | 2.1.1 | Hydrogen emission | Technical |
| 851002 | 3011.1: 1992 | 2.1.2 | Alarms | Technical |
| 851003 | 3011.1: 1992 | 2.1.3 | Battery accommodation | Technical |
| 851004 | 3011.1: 1992 | 2.1.4 | Arrangement of cells | Technical |
| 851005 | 3011.1: 1992 | 2.1.5 | Ventilation | Technical |
| 851006 | 3011.1: 1992 | 2.2.1 | Battery Room Requirements - General | Technical |
| 851007 | 3011.1: 1992 | 2.2.2 | Battery room layout and floor area | Technical |
| 851008 | 3011.1: 1992 | 2.2.3 | Take-off battery terminals and outgoing busbars and cables | Technical |
| 851009 | 3011.1: 1992 | 2.2.4 | Inter-tier and inter-row connections | Technical |
| 851010 | 3011.1: 1992 | 2.2.5 | Inter-cell connectors | Technical |
| 851011 | 3011.1: 1992 | 2.2.6 | Location of luminaires | Technical |
| 851012 | 3011.1: 1992 | 2.3.1 | Battery Enclosure Requirements - Enclosure Construction | Technical |
| 851013 | 3011.1: 1992 | 2.3.2 | Take-off battery terminals and outgoing busbars and cables | Technical |
| 851014 | 3011.1: 1992 | 2.3.3 | Battery compartment circuits | Technical |
| 851015 | 3011.1: 1992 | 3.1 | Installation - General | Technical |
| 851016 | 3011.1: 1992 | 3.2 | Connections | Technical |
| 851017 | 3011.1: 1992 | 3.3.1 | Overcurrent protection | Technical |
| 851018 | 3011.1: 1992 | 3.3.2 | Warning notices | Technical |
| 851019 | 3011.1: 1992 | 3.3.3 | Switchgear | Technical |
| 851020 | 3011.1: 1992 | 3.3.4 | Earth-leakage detection | Technical |
| 851021 | 3011.1: 1992 | 3.3.5 | Main isolating switch | Technical |
| 851022 | 3011.1: 1992 | 3.3.6 | Section isolating equipment | Technical |
| 851023 | 3011.1: 1992 | 3.3.7 | Fire safety and warning signs | Technical |
| 861001 | 3011.2: 1992 | 2.1.1 | Hydrogen emission | Technical |
| 861002 | 3011.2: 1992 | 2.1.2 | Alarms | Technical |
| 861003 | 3011.2: 1992 | 2.1.3 | Battery accommodation | Technical |
| 861004 | 3011.2: 1992 | 2.1.4 | Arrangement of cells | Technical |
| 861005 | 3011.2: 1992 | 2.1.5 | Ventilation | Technical |
| 861006 | 3011.2: 1992 | 2.2.1 | Battery Room Requirements - General | Technical |
| 861007 | 3011.2: 1992 | 2.2.2 | Battery room layout and floor area | Technical |
| 861008 | 3011.2: 1992 | 2.2.3 | Take-off battery terminals and outgoing busbars and cables | Technical |
| 861009 | 3011.2: 1992 | 2.2.4 | Inter-tier and inter-row connections | Technical |
| 861010 | 3011.2: 1992 | 2.2.5 | Inter-cell connectors | Technical |
| 861011 | 3011.2: 1992 | 2.2.6 | Luminaires | Technical |
| 861012 | 3011.2: 1992 | 2.3.1 | Battery Enclosure Requirements - Enclosure Construction | Technical |
| 861013 | 3011.2: 1992 | 2.3.2 | Take-off battery terminals and outgoing busbars and cables | Technical |
| 861014 | 3011.2: 1992 | 2.3.3 | Battery compartment circuits | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 861015 | 3011.2: 1992 | 3.1 | Installation - General | Technical |
| 861016 | 3011.2: 1992 | 3.2 | Connections | Technical |
| 861017 | 3011.2: 1992 | 3.3.1 | Overcurrent protection | Technical |
| 861018 | 3011.2: 1992 | 3.3.2 | Warning notices | Technical |
| 861019 | 3011.2: 1992 | 3.3.3 | Switchgear | Technical |
| 861020 | 3011.2: 1992 | 3.3.4 | Earth-leakage detection | Technical |
| 861021 | 3011.2: 1992 | 3.3.5 | Main isolating switch | Technical |
| 861022 | 3011.2: 1992 | 3.3.6 | Section isolating equipment | Technical |
| 861023 | 3011.2: 1992 | 3.3.7 | Fire safety and warning signs | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 311001 | 3003: 2018 | 2.1 | General | Technical |
| 311002 | 3003: 2018 | 2.2 | Classification Of Patient Areas | Technical |
| 311003 | 3003: 2018 | 2.2.1 | Documentation | Technical |
| 311004 | 3003: 2018 | 2.2.2 | Patient area boundaries | Technical |
| 311005 | 3003: 2018 | 2.2.3 | Patient areas required to be wired as cardiac-protected electrical areas | Technical |
| 311006 | 3003: 2018 | 2.2.4 | Patient areas required to be wired as body-protected electrical areas | Technical |
| 311007 | 3003: 2018 | 2.3 | Supply Of Electricity To Patient Areas | Technical |
| 311008 | 3003: 2018 | 2.4 | Low-Voltage A.C. Supplies | Technical |
| 311009 | 3003: 2018 | 2.4.1 | Separation of circuits | Technical |
| 311010 | 3003: 2018 | 2.4.1.1 | Body-protected electrical areas | Technical |
| 311011 | 3003: 2018 | 2.4.1.2 | Cardiac-protected electrical areas | Technical |
| 311012 | 3003: 2018 | 2.4.1.3 | Body-protected and cardiac-protected electrical areas | Technical |
| 311013 | 3003: 2018 | 2.4.2 | Protection of wiring systems and electrical equipment against mechanical damage | Technical |
| 311014 | 3003: 2018 | 2.4.3 | Leakage protective device protection required | Technical |
| 311015 | 3003: 2018 | 2.4.3.1 | General | Technical |
| 311016 | 3003: 2018 | 2.4.3.1.1 | Electrical points | Technical |
| 311017 | 3003: 2018 | 2.4.3.1.2 | Extra-low-voltage (ELV) charging sockets-outlets | Technical |
| 311018 | 3003: 2018 | 2.4.3.2 | Socket-outlets requiring LPD protection | Technical |
| 311019 | 3003: 2018 | 2.4.3.2.1 | General | Technical |
| 312020 | 3003: 2018 | 2.4.3.2.2 | Locations of socket-outlets requiring LPD protection | Unsafe |
| 312021 | 3003: 2018 | 2.4.3.2.3 | Types of socket-outlets requiring LPD protection | Unsafe |
| 312022 | 3003: 2018 | 2.4.3.3 | Permanently-wired medical electrical equipment requiring LPD protection | Unsafe |
| 311023 | 3003: 2018 | 2.4.4 | Low-voltage uninterruptible supplies (UPS) | Technical |
| 311024 | 3003: 2018 | 2.4.4.1 | General | Technical |
| 312025 | 3003: 2018 | 2.4.4.2 | Leakage protective device protection of uninterruptible supplies (UPS) | Unsafe |
| 311026 | 3003: 2018 | 2.4.4.3 | Uninterruptable power supply status indicators | Technical |
| 311027 | 3003: 2018 | 2.5 | Low-Voltage D.C. Supplies | Technical |
| 311028 | 3003: 2018 | 2.6 | Access To Controls And Indicators | Technical |
| 311029 | 3003: 2018 | 2.7 | Socket-Outlets | Technical |
| 312030 | 3003: 2018 | 2.7.1 | Number of socket-outlets | Unsafe |
| 311031 | 3003: 2018 | 2.7.2 | Socket-outlets requiring isolating switches | Technical |
| 311032 | 3003: 2018 | 2.7.3 | Socket-outlets for cleaning equipment | Technical |
| 311033 | 3003: 2018 | 2.7.3.1 | Location of socket-outlets identified ‘CLEANING PURPOSES ONLY’ | Technical |
| 312034 | 3003: 2018 | 2.7.3.2 | Protection of socket-outlets identified ‘CLEANING PURPOSES ONLY’ | Unsafe |
| 311035 | 3003: 2018 | 2.7.4 | Identification of socket-outlets | Technical |
| 311036 | 3003: 2018 | 2.7.4.1 | Identification of socket-outlets protected by LPDs | Technical |
| 311037 | 3003: 2018 | 2.7.4.2 | Switch indication | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 311038 | 3003: 2018 | 2.7.4.3 | Colour coding | Technical |
| 311039 | 3003: 2018 | 2.7.4.3.1 | Low voltage (LV) socket-outlets | Technical |
| 311040 | 3003: 2018 | 2.7.4.3.2 | Extra-low-voltage (ELV) socket-outlets | Technical |
| 311041 | 3003: 2018 | 2.7.4.4 | Power available indication for RCD-protected socket-outlets | Technical |
| 312042 | 3003: 2018 | 2.7.5 | Socket-outlet switches | Unsafe |
| 311043 | 3003: 2018 | 2.8 | Residual Current Devices (RCDs) | Technical |
| 312044 | 3003: 2018 | 2.8.1 | Type of RCD | Unsafe |
| 311045 | 3003: 2018 | 2.8.2 | Discrimination | Technical |
| 311046 | 3003: 2018 | 2.8.3 | Number and disposition of electrical points controlled by RCDs | Technical |
| 311047 | 3003: 2018 | 2.8.4 | Indication | Technical |
| 311048 | 3003: 2018 | 2.8.5 | Identification of RCDs | Technical |
| 311049 | 3003: 2018 | 2.8.6 | Permanently wired equipment | Technical |
| 311050 | 3003: 2018 | 2.8.7 | Test facility | Technical |
| 311051 | 3003: 2018 | 2.8.8 | Location of RCDs | Technical |
| 311052 | 3003: 2018 | 2.9 | Low-Voltage Isolated Supplies | Technical |
| 312053 | 3003: 2018 | 2.9.1 | General | Unsafe |
| 312054 | 3003: 2018 | 2.9.2 | Isolation transformers | Unsafe |
| 311055 | 3003: 2018 | 2.9.3 | Overcurrent circuit-breaker | Technical |
| 311056 | 3003: 2018 | 2.9.4 | Overload monitor | Technical |
| 311057 | 3003: 2018 | 2.9.5 | Line isolation monitor | Technical |
| 311058 | 3003: 2018 | 2.9.5.1 | General | Technical |
| 311059 | 3003: 2018 | 2.9.5.2 | Identification of LIMs | Technical |
| 311060 | 3003: 2018 | 2.9.6 | System prospective hazard current | Technical |
| 311061 | 3003: 2018 | 2.9.7 | Number and disposition of electrical points protected by an isolated supply | Technical |
| 311062 | 3003: 2018 | 2.9.8 | Permanently wired equipment | Technical |
| 311063 | 3003: 2018 | 2.9.9 | Test facility | Technical |
| 311064 | 3003: 2018 | 2.1 | Isolation Switches | Technical |
| 311065 | 3003: 2018 | 2.11 | Extra-Low-Voltage (ELV) Supplies | Technical |
| 311066 | 3003: 2018 | 2.11.1 | General | Technical |
| 311067 | 3003: 2018 | 2.11.2 | Source of ELV supply | Technical |
| 311068 | 3003: 2018 | 2.12 | Identification | Technical |
| 311069 | 3003: 2018 | 2.12.1 | General | Technical |
| 311070 | 3003: 2018 | 2.12.2 | Identification of patient areas | Technical |
| 313071 | 3003: 2018 | 2.13 | Testing And Verification Of Electrical Work | Testing |
| 313072 | 3003: 2018 | 2.14 | Additional Documentation | Testing |
| 311073 | 3003: 2018 | 3.1 | General | Technical |
| 311074 | 3003: 2018 | 3.2 | Earthing | Technical |

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| 311075 | 3003: 2018 | 4.1 | General | Technical |
| 312076 | 3003: 2018 | 4.2 | Earth-Free Elv | Unsafe |
| 311077 | 3003: 2018 | 4.3 | Disposition Of Electrical Points Controlled By LPDs | Technical |
| 311078 | 3003: 2018 | 4.4 | Earthing And Equipotential Bonding | Technical |
| 312079 | 3003: 2018 | 4.4.1 | General | Unsafe |
| 311080 | 3003: 2018 | 4.4.2 | Equipotential earthing system | Technical |
| 311081 | 3003: 2018 | 4.4.2.1 | General | Technical |
| 311082 | 3003: 2018 | 4.4.2.2 | Provision of equipotential earthing system | Technical |
| 311083 | 3003: 2018 | 4.4.2.3 | Form of equipotential earthing system | Technical |
| 311084 | 3003: 2018 | 4.4.2.4 | Earthing of socket-outlets | Technical |
| 312085 | 3003: 2018 | 4.4.2.4.1 | General | Unsafe |
| 311086 | 3003: 2018 | 4.4.2.4.2 | Protective earthing conductor | Technical |
| 312087 | 3003: 2018 | 4.4.2.5 | Earthing of permanently installed electrical equipment | Unsafe |
| 311088 | 3003: 2018 | 4.4.2.5.1 | Points required to be earthed via the EP junction or node | Technical |
| 311089 | 3003: 2018 | 4.4.2.5.2 | Method of connecting the earthing conductor to the equipment | Technical |
| 311090 | 3003: 2018 | 4.4.2.5.3 | Method of connecting the earthing conductor to the EP junction or node | Technical |
| 311091 | 3003: 2018 | 4.4.2.5.4 | Insulation and segregation of earthing conductors | Technical |
| 311092 | 3003: 2018 | 4.4.2.5.5 | Maximum resistance of earthing conductors | Technical |
| 311093 | 3003: 2018 | 4.4.2.6 | Equipotential earthing of non-electrical equipment and fittings | Technical |
| 311094 | 3003: 2018 | 4.4.2.7 | Earthing connections | Technical |
| 311095 | 3003: 2018 | 4.4.2.8 | Equipotential (EP) junction | Technical |
| 311096 | 3003: 2018 | 4.4.2.9 | Equipotential (EP) test facility | Technical |
| 311097 | 3003: 2018 | 4.4.2.10 | Equipotential (EP) test terminal | Technical |
| 311098 | 3003: 2018 | 4.4.3 | Return earths | Technical |
| 311099 | 3003: 2018 | 5.1 | GENERAL | Technical |
| 311100 | 3003: 2018 | 5.2 | Homcare installations | Technical |
| 311101 | 3003: 2018 | 5.2.1 | Conformance with AS/NZS 3000 | Technical |
| 311102 | 3003: 2018 | 5.2.2 | Conformance with this Standard AUS | Technical |
| 312103 | 3003: 2018 | 5.2.2.1 | Leakage protective device (LPD) protection | Unsafe |
| 312104 | 3003: 2018 | 5.2.2.2 | Socket-outlets | Unsafe |
| 311105 | 3003: 2018 | 5.2.2.3 | Circuit protection and identification | Technical |
| 311106 | 3003: 2018 | 5.2.3 | Conformance with this Standard NZ | Technical |
| 312107 | 3003: 2018 | 5.2.3.1 | Leakage protective device (LPD) protection | Unsafe |
| 312108 | 3003: 2018 | 5.2.3.2 | Socket-outlets | Unsafe |
| 311109 | 3003: 2018 | 5.2.3.3 | Circuit protection and identification | Technical |
| 311110 | 3003: 2018 | 5.3 | DISABILITY AND AGED CARE INSTALLATIONS | Technical |
| 311111 | 3003: 2018 | 5.4 | INSTALLATIONS FOR SELF-HARM PATIENTS | Technical |

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| 311112 | 3003: 2018 | 5.4.1 | General | Technical |
| 311113 | 3003: 2018 | 5.4.2 | Identification | Technical |
| 311114 | 3003: 2018 | 6.1 | Introduction | Technical |
| 311115 | 3003: 2018 | 6.2 | Alterations | Technical |
| 311116 | 3003: 2018 | 6.2.1 | General | Technical |
| 311117 | 3003: 2018 | 6.2.2 | Patient areas not signposted as cardiac-protected or body-protected electrical areas | Technical |
| 312118 | 3003: 2018 | 6.2.3 | Patient areas signposted as cardiac-protected or body-protected electrical areas | Technical |
| 311119 | 3003: 2018 | 6.2.4 | Installation of new socket-outlets in patient areas wired as either body-protected or cardiac-protected | Technical |
| 311120 | 3003: 2018 | 6.2.5 | Alterations to electrical installations in patient areas | Technical |
| 311121 | 3003: 2018 | 6.2.5.1 | Alterations in cardiac-protected electrical areas | Technical |
| 311122 | 3003: 2018 | 6.2.5.2 | Fixed electrical equipment rated at or above 2.0 kW | Technical |
| 311123 | 3003: 2018 | 6.2.5.3 | Reclassification of existing cardiac-protected electrical areas as body-protected electrical areas. | Technical |
| 311124 | 3003: 2018 | 6.3 | Repairs | Technical |
| 311125 | 3003: 2018 | 6.3.1 | Patient areas not wired as cardiac-protected or body-protected electrical areas | Technical |
| 311126 | 3003: 2018 | 6.3.2 | Patient areas wired as cardiac-protected or body-protected electrical areas AUS | Technical |
| 311127 | 3003: 2018 | 6.4 | Identification | Technical |
| 311128 | 3003: 2018 | 7.1 | General | Technical |
| 311129 | 3003: 2018 | 7.2 | Body-Protected Electrical Area Sign | Technical |
| 311130 | 3003: 2018 | 7.3 | Cardiac-Protected Electrical Area Sign | Technical |
| 311131 | 3003: 2018 | 8.1 | General | Technical |
| 311132 | 3003: 2018 | 8.2 | Body-Protected Electrical Areas | Technical |
| 311133 | 3003: 2018 | 8.2.1 | General | Technical |
| 311134 | 3003: 2018 | 8.2.1.1 | Inspection | Technical |
| 311135 | 3003: 2018 | 8.2.1.2 | Labelling | Technical |
| 311136 | 3003: 2018 | 8.2.1.3 | Socket-outlets | Technical |
| 311137 | 3003: 2018 | 8.2.1.3.1 | Colour coding | Technical |
| 311138 | 3003: 2018 | 8.2.1.3.2 | Power-available lights | Technical |
| 311139 | 3003: 2018 | 8.2.1.3.3 | Maximum number of socket-outlets per LPD | Technical |
| 311140 | 3003: 2018 | 8.2.1.3.4 | Power ‘ON’ indicators | Technical |
| 311141 | 3003: 2018 | 8.2.1.4 | Switches | Technical |
| 311142 | 3003: 2018 | 8.2.1.5 | Wiring | Technical |
| 311143 | 3003: 2018 | 8.2.2 | Earthing | Technical |
| 313145 | 3003: 2018 | 8.2.3.1 | General | Testing |
| 313146 | 3003: 2018 | 8.2.3.2 | Sensitivity test | Testing |
| 313147 | 3003: 2018 | 8.2.3.3 | Maximum tripping time tests AUS | Testing |

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| 311148 | 3003: 2018 | 8.2.3.4 | Maximum tripping time tests NZ | Technical |
| 311149 | 3003: 2018 | 8.2.3.5 | Residual current device (RCD) power-available indicator lights | Technical |
| 313150 | 3003: 2018 | 8.2.3.6 | Audible and visible RCD trip indicators | Testing |
| 311151 | 3003: 2018 | 8.2.4 | Line isolation monitors (LIMs) | Technical |
| 313152 | 3003: 2018 | 8.2.4.1 | Prospective hazard current of the installation | Testing |
| 313153 | 3003: 2018 | 8.2.4.2 | Prospective hazard current alarm | Testing |
| 313154 | 3003: 2018 | 8.2.5 | Overload monitors | Testing |
| 311155 | 3003: 2018 | 8.2.6 | Uninterruptible power supplies (UPSs) | Technical |
| 311156 | 3003: 2018 | 8.2.7 | Documentation | Technical |
| 311157 | 3003: 2018 | 8.3 | Cardiac-Protected Electrical Areas | Technical |
| 311158 | 3003: 2018 | 8.3.1 | General | Technical |
| 311159 | 3003: 2018 | 8.3.1.1 | Inspection | Technical |
| 311160 | 3003: 2018 | 8.3.1.2 | Labelling | Technical |
| 311161 | 3003: 2018 | 8.3.1.3 | Socket-outlets | Technical |
| 311162 | 3003: 2018 | 8.3.1.3.1 | Colour coding | Technical |
| 311163 | 3003: 2018 | 8.3.1.3.2 | Power-available lights | Technical |
| 311164 | 3003: 2018 | 8.3.1.3.3 | Maximum number of socket-outlets per LPD | Technical |
| 311165 | 3003: 2018 | 8.3.1.3.4 | Power ‘ON’ indicators | Technical |
| 311166 | 3003: 2018 | 8.3.1.3.5 | Switches | Technical |
| 311167 | 3003: 2018 | 8.3.1.3.6 | Wiring | Technical |
| 311168 | 3003: 2018 | 8.3.1.3.7 | Disposition of socket-outlets protected by RCDs | Technical |
| 311169 | 3003: 2018 | 8.3.2 | Earthing | Technical |
| 313170 | 3003: 2018 | 8.3.2.1 | Inspection | Testing |
| 313171 | 3003: 2018 | 8.3.2.2 | Testing | Testing |
| 311172 | 3003: 2018 | 8.3.3 | Residual current devices (RCDs) | Technical |
| 313173 | 3003: 2018 | 8.3.3.1 | General | Testing |
| 313174 | 3003: 2018 | 8.3.3.2 | Sensitivity test | Testing |
| 313175 | 3003: 2018 | 8.3.3.3 | Maximum tripping time tests | Testing |
| 313176 | 3003: 2018 | 8.3.3.4 | Maximum tripping time tests | Testing |
| 311177 | 3003: 2018 | 8.3.3.5 | RCD power-available indicator lights | Technical |
| 311178 | 3003: 2018 | 8.3.3.6 | Audiovisual RCD trip indicators | Technical |
| 311179 | 3003: 2018 | 8.3.4 | Line isolation monitors (LIMs) | Technical |
| 313180 | 3003: 2018 | 8.3.4.1 | Prospective hazard current of the installation | Testing |
| 313181 | 3003: 2018 | 8.3.4.2 | Prospective hazard current alarm | Testing |
| 313182 | 3003: 2018 | 8.3.5 | Overload monitors | Testing |
| 311183 | 3003: 2018 | 8.3.6 | Uninterruptible power supplies (UPS) | Technical |
| 311184 | 3003: 2018 | 8.3.7 | Documentation | Technical |

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| 411001 | 2067: 2016 | 2.1.1 | General requirements | Technical |
| 411002 | 2067: 2016 | 2.1.2 | Agreements between supplier (manufacturer) and user | Technical |
| 411005 | 2067: 2016 | 2.2.2 | Voltage classification | Technical |
| 411006 | 2067: 2016 | 2.2.3 | Current in normal operation | Technical |
| 411007 | 2067: 2016 | 2.2.4 | Short-circuit current | Technical |
| 411008 | 2067: 2016 | 2.2.4.1 | Mechanical and thermal effects | Technical |
| 411009 | 2067: 2016 | 2.2.4.2 | Types | Technical |
| 411013 | 2067: 2016 | 2.2.5 | Rated frequency | Technical |
| 411014 | 2067: 2016 | 2.2.6 | Corona | Technical |
| 411015 | 2067: 2016 | 2.2.6.1 | General | Technical |
| 411016 | 2067: 2016 | 2.2.6.2 | Radio and television interference | Technical |
| 411017 | 2067: 2016 | 2.2.6.3 | Audible noise | Technical |
| 411018 | 2067: 2016 | 2.2.7 | High voltage design practices with respect to EMF | Technical |
| 411019 | 2067: 2016 | 2.2.8 | Overvoltages | Technical |
| 411022 | 2067: 2016 | 2.3.1 | Civil And Structural Requirements - General | Technical |
| 411023 | 2067: 2016 | 2.3.2 | Equipment and structures | Technical |
| 411024 | 2067: 2016 | 2.3.2.1 | General | Technical |
| 411025 | 2067: 2016 | 2.3.2.2 | Permanent loads (G) | Technical |
| 411026 | 2067: 2016 | 2.3.2.3 | Imposed and other loads (Q, W, E) | Technical |
| 411027 | 2067: 2016 | 2.3.2.4 | Special loads | Technical |
| 411028 | 2067: 2016 | 2.3.3 | Coincident temperatures | Technical |
| 411030 | 2067: 2016 | 2.3.5 | Load combinations | Technical |
| 411031 | 2067: 2016 | 2.3.6 | Deflections and serviceability limits | Technical |
| 411032 | 2067: 2016 | 2.4 | Climatic And Environmental Conditions | Technical |
| 411033 | 2067: 2016 | 2.4.1 | General | Technical |
| 411034 | 2067: 2016 | 2.4.2 | Normal conditions | Technical |
| 411035 | 2067: 2016 | 2.4.2.1 | Indoor | Technical |
| 411036 | 2067: 2016 | 2.4.2.2 | Outdoor | Technical |
| 411037 | 2067: 2016 | 2.4.3 | Special conditions | Technical |
| 411038 | 2067: 2016 | 2.4.3.1 | General | Technical |
| 411039 | 2067: 2016 | 2.4.3.2 | Altitude | Technical |
| 411040 | 2067: 2016 | 2.4.3.3 | Pollution | Technical |
| 411041 | 2067: 2016 | 2.4.3.4 | Temperature and humidity | Technical |
| 411042 | 2067: 2016 | 2.4.3.5 | Vibration | Technical |
| 411043 | 2067: 2016 | 2.4.3.6 | Seismic vibration | Technical |
| 411044 | 2067: 2016 | 2.4.3.7 | The effect of wind | Technical |
| 411045 | 2067: 2016 | 2.5 | Special requirements | Technical |

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| 411046 | 2067: 2016 | 2.5.1 | Effects of small animals and micro-organisms | Technical |
| 411047 | 2067: 2016 | 2.5.2 | Noise level | Technical |
| 411051 | 2067: 2016 | 3.1 | General | Technical |
| 411052 | 2067: 2016 | 3.2 | Selection of insulation level | Technical |
| 411053 | 2067: 2016 | 3.2.1 | General | Technical |
| 411055 | 2067: 2016 | 3.2.3 | Consideration of rated withstand voltages | Technical |
| 411056 | 2067: 2016 | 3.3 | Verification Of Withstand Values | Technical |
| 411057 | 2067: 2016 | 3.4 | Minimum Clearances Of Live Parts | Technical |
| 411058 | 2067: 2016 | 3.4.1 | General | Technical |
| 411059 | 2067: 2016 | 3.4.2 | Minimum clearances in voltage range I | Technical |
| 411061 | 2067: 2016 | 3.5 | Minimum Clearances Between Parts Under Special Conditions | Technical |
| 411062 | 2067: 2016 | 3.6 | Type Tested Equipment | Technical |
| 411063 | 2067: 2016 | 4.1 | General Requirements | Technical |
| 411064 | 2067: 2016 | 4.1.1 | Selection | Technical |
| 411065 | 2067: 2016 | 4.1.2 | Equipment Safety | Technical |
| 412066 | 2067: 2016 | 4.1.3 | Personnel safety | Unsafe |
| 411067 | 2067: 2016 | 4.1.4 | Labels | Technical |
| 411068 | 2067: 2016 | 4.2 | Specific requirements | Technical |
| 411069 | 2067: 2016 | 4.2.1 | Switching devices | Technical |
| 411070 | 2067: 2016 | 4.2.2 | Power transformers and reactors | Technical |
| 411071 | 2067: 2016 | 4.2.3 | Gas-insulated metal-enclosed equipment (GIE), metal-enclosed switchgear, insulation-enclosed switchgear and other prefabricated type-tested switchgear and fusegear assemblies | Technical |
| 411072 | 2067: 2016 | 4.2.4 | Instrument transformers | Technical |
| 411073 | 2067: 2016 | 4.2.4.1 | General | Technical |
| 411074 | 2067: 2016 | 4.2.4.2 | Current transformers | Technical |
| 411075 | 2067: 2016 | 4.2.4.3 | Voltage transformers | Technical |
| 411076 | 2067: 2016 | 4.2.5 | Surge arresters | Technical |
| 411077 | 2067: 2016 | 4.2.6 | Capacitors | Technical |
| 411079 | 2067: 2016 | 4.2.8 | Insulators | Technical |
| 411080 | 2067: 2016 | 4.2.9 | Insulated cables other than for overhead lines | Technical |
| 411081 | 2067: 2016 | 4.2.9.1 | General requirements | Technical |
| 411082 | 2067: 2016 | 4.2.9.2 | Temperature | Technical |
| 411083 | 2067: 2016 | 4.2.9.3 | Stress due to temperature changes | Technical |
| 411084 | 2067: 2016 | 4.2.9.4 | Flexible reeling and trailing cables | Technical |
| 411085 | 2067: 2016 | 4.2.9.5 | Crossings and proximities | Technical |
| 411086 | 2067: 2016 | 4.2.9.6 | Installation of cables | Technical |

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| 411087 | 2067: 2016 | 4.2.9.7 | Bending radius | Technical |
| 411088 | 2067: 2016 | 4.2.9.8 | Tensile stress | Technical |
| 411089 | 2067: 2016 | 4.2.10 | Conductors and accessories | Technical |
| 411090 | 2067: 2016 | 4.2.11 | Rotating electrical machines | Technical |
| 411091 | 2067: 2016 | 4.2.12 | Generating units | Technical |
| 411092 | 2067: 2016 | 4.2.13 | Generating unit main connections | Technical |
| 411093 | 2067: 2016 | 4.2.14 | Static converters | Technical |
| 411094 | 2067: 2016 | 4.2.15 | Fuses | Technical |
| 411095 | 2067: 2016 | 4.2.15.1 | Clearances | Technical |
| 411096 | 2067: 2016 | 4.2.15.2 | Fuse replacement | Technical |
| 411097 | 2067: 2016 | 4.2.16 | Electrical and mechanical interlocking | Technical |
| 411099 | 2067: 2016 | 5.1.1 | Minimum requirements - General | Technical |
| 411100 | 2067: 2016 | 5.1.2 | Circuit arrangement | Technical |
| 411101 | 2067: 2016 | 5.1.2.1 | Design | Technical |
| 411102 | 2067: 2016 | 5.1.2.2 | Protective measures | Technical |
| 411103 | 2067: 2016 | 5.1.3 | Documentation | Technical |
| 411104 | 2067: 2016 | 5.1.4 | Transport routes | Technical |
| 411105 | 2067: 2016 | 5.1.5 | Aisles and access areas | Technical |
| 411106 | 2067: 2016 | 5.1.6 | Lighting | Technical |
| 411107 | 2067: 2016 | 5.1.7 | Operational safety | Technical |
| 411108 | 2067: 2016 | 5.1.8 | Labelling | Technical |
| 411109 | 2067: 2016 | 5.2 | Outdoor installation of open design | Technical |
| 411110 | 2067: 2016 | 5.2.1 | General | Technical |
| 412111 | 2067: 2016 | 5.2.2 | Protective barrier clearances | Unsafe |
| 412112 | 2067: 2016 | 5.2.3 | Protective obstacle clearances | Unsafe |
| 412113 | 2067: 2016 | 5.2.4 | Boundary clearances | Technical |
| 411114 | 2067: 2016 | 5.2.5 | Minimum height over access area | Technical |
| 411115 | 2067: 2016 | 5.2.6 | Minimum clearances for maintenance | Technical |
| 411116 | 2067: 2016 | 5.2.7 | Clearances to buildings within closed electrical operating areas | Technical |
| 411117 | 2067: 2016 | 5.2.8 | External fences or walls and access doors | Technical |
| 411118 | 2067: 2016 | 5.3 | Indoor installation of indoor design | Technical |
| 411119 | 2067: 2016 | 5.4 | Installation Of Prefabricated Type-Tested Switchgear | Technical |
| 411120 | 2067: 2016 | 5.4.1 | General | Technical |
| 411121 | 2067: 2016 | 5.4.2 | Additional requirements for gas-insulated metal enclosed equipment (GIE) | Technical |
| 411122 | 2067: 2016 | 5.4.2.1 | Design | Technical |
| 411123 | 2067: 2016 | 5.4.2.2 | Erection on site | Technical |
| 411125 | 2067: 2016 | 5.4.2.4 | Earthing | Technical |

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| 411126 | 2067: 2016 | 5.5 | Requirements For Buildings | Technical |
| 411127 | 2067: 2016 | 5.5.1 | Introduction | Technical |
| 411128 | 2067: 2016 | 5.5.2 | Structural provisions | Technical |
| 411129 | 2067: 2016 | 5.5.2.1 | General | Technical |
| 411130 | 2067: 2016 | 5.5.2.2 | Specifications for walls | Technical |
| 411131 | 2067: 2016 | 5.5.2.3 | Windows | Technical |
| 411132 | 2067: 2016 | 5.5.2.4 | Roofs | Technical |
| 411133 | 2067: 2016 | 5.5.2.5 | Floors | Technical |
| 411134 | 2067: 2016 | 5.5.3 | Rooms for switchgear | Technical |
| 411135 | 2067: 2016 | 5.5.4 | Service areas | Technical |
| 411136 | 2067: 2016 | 5.5.5 | Doors | Technical |
| 411137 | 2067: 2016 | 5.5.6 | Draining of insulating liquids | Technical |
| 411138 | 2067: 2016 | 5.5.7 | Heating, ventilation and cooling | Technical |
| 411139 | 2067: 2016 | 5.5.7.1 | General | Technical |
| 411140 | 2067: 2016 | 5.5.7.2 | Ventilation of battery rooms | Technical |
| 411141 | 2067: 2016 | 5.5.7.3 | Rooms for emergency generating units | Technical |
| 411142 | 2067: 2016 | 5.5.8 | Buildings that require special consideration | Technical |
| 411143 | 2067: 2016 | 5.5.9 | Confined spaces | Technical |
| 411144 | 2067: 2016 | 5.6 | High Voltage/Low Voltage Prefabricated Substations | Technical |
| 411145 | 2067: 2016 | 5.7 | Electrical Installations On A Mast, Pole Or Tower | Technical |
| 411146 | 2067: 2016 | 6.1 | General | Technical |
| 412147 | 2067: 2016 | 6.2.1 | Protection Against Direct Contact - General | Unsafe |
| 411149 | 2067: 2016 | 6.2.2 | Measures for protection against direct contact | Technical |
| 411150 | 2067: 2016 | 6.2.2.1 | Recognized protection types | Technical |
| 411151 | 2067: 2016 | 6.2.2.2 | Design of protective measures | Technical |
| 411152 | 2067: 2016 | 6.2.3 | Protection requirements | Technical |
| 411153 | 2067: 2016 | 6.2.3.1 | Protection outside of closed electrical operating areas | Technical |
| 411154 | 2067: 2016 | 6.2.3.2 | Protection inside closed electrical operating areas | Technical |
| 411155 | 2067: 2016 | 6.2.3.3 | Protection during normal operation | Technical |
| 411157 | 2067: 2016 | 6.4 | Means To Protect Persons Working On Or Near Electrical Installations | Technical |
| 411158 | 2067: 2016 | 6.4.1 | Construction and working procedures | Technical |
| 411159 | 2067: 2016 | 6.4.2 | Equipment for isolating installations or apparatus | Technical |
| 411160 | 2067: 2016 | 6.4.3 | Devices to prevent inadvertent closing of isolating devices | Technical |
| 411161 | 2067: 2016 | 6.4.4 | Devices for determining the de-energized state | Technical |
| 411162 | 2067: 2016 | 6.4.5 | Devices for earthing and short-circuiting | Technical |
| 411163 | 2067: 2016 | 6.4.6 | Equipment acting as protective barriers against adjacent live parts | Technical |
| 411164 | 2067: 2016 | 6.4.6.1 | General | Technical |

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| 411165 | 2067: 2016 | 6.4.6.2 | Insertable insulated partitions | Technical |
| 411166 | 2067: 2016 | 6.4.6.3 | Insertable partition walls | Technical |
| 411167 | 2067: 2016 | 6.4.7 | Storage of personal protection equipment | Technical |
| 411168 | 2067: 2016 | 6.5 | Protection From Danger Resulting From Arc Fault | Technical |
| 411169 | 2067: 2016 | 6.6 | Protection Against Direct Lightning Strikes | Technical |
| 411170 | 2067: 2016 | 6.7 | Protection Against Fire And Explosion | Technical |
| 411171 | 2067: 2016 | 6.7.1 | Risk | Technical |
| 411172 | 2067: 2016 | 6.7.1.1 | General | Technical |
| 411173 | 2067: 2016 | 6.7.1.2 | Fire and explosion risk zones | Technical |
| 411174 | 2067: 2016 | 6.7.1.3 | Fire and explosion sources risk assessment | Technical |
| 411175 | 2067: 2016 | 6.7.1.4 | Fire and explosion risk management | Technical |
| 411176 | 2067: 2016 | 6.7.1.5 | Fire resistant barriers | Technical |
| 411177 | 2067: 2016 | 6.7.1.6 | Protection of personnel within high voltage installations | Technical |
| 411178 | 2067: 2016 | 6.7.2 | Buildings | Technical |
| 411179 | 2067: 2016 | 6.7.2.1 | General | Technical |
| 411180 | 2067: 2016 | 6.7.2.2 | Fire alarm systems | Technical |
| 411181 | 2067: 2016 | 6.7.2.3 | Fire suppression systems | Technical |
| 411182 | 2067: 2016 | 6.7.3 | Plant and equipment requirements | Technical |
| 411183 | 2067: 2016 | 6.7.4 | Transformers, reactors | Technical |
| 411184 | 2067: 2016 | 6.7.4.1 | General | Technical |
| 411185 | 2067: 2016 | 6.7.4.2 | Fire mitigation options for transformers | Technical |
| 411186 | 2067: 2016 | 6.7.4.3 | Transformer fire damage control measures | Technical |
| 411187 | 2067: 2016 | 6.7.4.4 | Outdoor transformers | Technical |
| 411188 | 2067: 2016 | 6.7.4.5 | Indoor transformers | Technical |
| 411189 | 2067: 2016 | 6.7.5 | Cables | Technical |
| 411190 | 2067: 2016 | 6.7.6 | Distribution substations | Technical |
| 411191 | 2067: 2016 | 6.7.6.1 | Special requirements for distribution kiosk/padmount cubicles and walled high voltage installations | Technical |
| 411192 | 2067: 2016 | 6.7.6.2 | Special requirements for distribution indoor high voltage installations | Technical |
| 411193 | 2067: 2016 | 6.8 | Protection Against Leakage Of Insulating Liquids And Sf6 | Technical |
| 411194 | 2067: 2016 | 6.8.1 | Oil containment | Technical |
| 411195 | 2067: 2016 | 6.8.2 | SF6 leakage | Technical |
| 411197 | 2067: 2016 | 6.8.4 | Fire protected high voltage installation examples for distribution substations | Technical |
| 411198 | 2067: 2016 | 6.9 | Identification And Marking | Technical |
| 411199 | 2067: 2016 | 6.9.1 | General | Technical |
| 411200 | 2067: 2016 | 6.9.2 | Information plates and warning plates | Technical |
| 411201 | 2067: 2016 | 6.9.3 | Electrical hazard warning | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 411202 | 2067: 2016 | 6.9.4 | Installations with incorporated capacitors | Technical |
| 411203 | 2067: 2016 | 6.9.5 | Emergency signs for emergency exits | Technical |
| 411204 | 2067: 2016 | 6.9.6 | Cable identification marks | Technical |
| 411205 | 2067: 2016 | 6.1 | Protection Against Unauthorized Access | Technical |
| 411206 | 2067: 2016 | 7.1 | Protection Systems | Technical |
| 411207 | 2067: 2016 | 7.2 | Monitoring And Control Systems | Technical |
| 411208 | 2067: 2016 | 7.3 | A.C. And D.C. Supply Circuits | Technical |
| 411209 | 2067: 2016 | 7.3.1 | General | Technical |
| 411210 | 2067: 2016 | 7.3.2 | A.C. Supply | Technical |
| 411211 | 2067: 2016 | 7.3.3 | D.C. Supply | Technical |
| 411212 | 2067: 2016 | 7.3.3.1 | Capacity | Technical |
| 411213 | 2067: 2016 | 7.3.3.2 | Monitoring voltage and current | Technical |
| 411214 | 2067: 2016 | 7.3.3.3 | Sizing and selection of batteries | Technical |
| 411215 | 2067: 2016 | 7.3.3.4 | Battery rooms and cubicles | Technical |
| 411216 | 2067: 2016 | 7.3.3.5 | Protection against corrosion | Technical |
| 411217 | 2067: 2016 | 7.4 | Compressed Air Systems | Technical |
| 411218 | 2067: 2016 | 7.4.1 | Design | Technical |
| 411219 | 2067: 2016 | 7.4.2 | Relative humidity | Technical |
| 411220 | 2067: 2016 | 7.4.3 | Operating capacity | Technical |
| 411221 | 2067: 2016 | 7.4.4 | Protection against corrosion | Technical |
| 411222 | 2067: 2016 | 7.4.5 | Marking | Technical |
| 411223 | 2067: 2016 | 7.4.6 | Isolation and drainage | Technical |
| 411224 | 2067: 2016 | 7.4.7 | Arcing | Technical |
| 411225 | 2067: 2016 | 7.4.8 | Accessible controls | Technical |
| 411226 | 2067: 2016 | 7.5 | SF6 Gas Handling Plant | Technical |
| 411229 | 2067: 2016 | 7.6.2 | Electrical noise sources in high voltage installations | Technical |
| 411230 | 2067: 2016 | 7.6.3 | Measures to be taken to reduce the effects of high frequency interference | Technical |
| 411231 | 2067: 2016 | 7.6.4 | Measures to be taken to reduce the effects of low frequency interference | Technical |
| 411232 | 2067: 2016 | 7.6.5 | Measures related to the selection of equipment | Technical |
| 411233 | 2067: 2016 | 7.6.5.1 | Zones | Technical |
| 411234 | 2067: 2016 | 7.6.5.2 | Internal circuitry | Technical |
| 411235 | 2067: 2016 | 7.6.5.3 | Gas-insulated switchgear | Technical |
| 411236 | 2067: 2016 | 7.6.6 | Other possible measures to reduce the effects of interference | Technical |
| 411237 | 2067: 2016 | 8.1 | General | Technical |
| 411238 | 2067: 2016 | 8.2 | Fundamental Requirements | Technical |
| 411239 | 2067: 2016 | 8.2.1 | General | Technical |
| 411240 | 2067: 2016 | 8.2.2 | Safety of people | Technical |

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|---|---|---|---|---|
| 411241 | 2067: 2016 | 8.2.3 | Protection of equipment | Technical |
| 411242 | 2067: 2016 | 8.2.4 | Support operational security | Technical |
| 411243 | 2067: 2016 | 8.3 | Risk management and due diligence | Technical |
| 411244 | 2067: 2016 | 8.3.1 | General | Technical |
| 411245 | 2067: 2016 | 8.3.2 | Touch and step voltage hazards and risks | Technical |
| 411246 | 2067: 2016 | 8.4 | Design | Technical |
| 411247 | 2067: 2016 | 8.4.1 | Introduction | Technical |
| 411248 | 2067: 2016 | 8.4.2 | Design process overview | Technical |
| 411249 | 2067: 2016 | 8.4.3 | Data gathering | Technical |
| 411250 | 2067: 2016 | 8.4.4 | Initial concept design | Technical |
| 411251 | 2067: 2016 | 8.4.4.1 | General | Technical |
| 411252 | 2067: 2016 | 8.4.4.2 | Fault current | Technical |
| 411253 | 2067: 2016 | 8.4.4.3 | Earth fault duration | Technical |
| 411254 | 2067: 2016 | 8.4.4.4 | Soil resistivity | Technical |
| 411255 | 2067: 2016 | 8.4.4.5 | Layout practicalities | Technical |
| 411256 | 2067: 2016 | 8.4.4.6 | Coordinated design | Technical |
| 411257 | 2067: 2016 | 8.4.4.7 | Current injection | Technical |
| 411258 | 2067: 2016 | 8.4.4.8 | Special considerations | Technical |
| 411259 | 2067: 2016 | 8.4.5 | Determine design EPR | Technical |
| 411260 | 2067: 2016 | 8.4.6 | Power frequency design | Technical |
| 411261 | 2067: 2016 | 8.4.6.1 | General | Technical |
| 411262 | 2067: 2016 | 8.4.6.2 | Earthing conductor layout | Technical |
| 411263 | 2067: 2016 | 8.4.6.3 | Dimensioning of earthing conductors | Technical |
| 411264 | 2067: 2016 | 8.4.6.4 | Transferred potentials | Technical |
| 411265 | 2067: 2016 | 8.4.6.5 | Hazard location identification | Technical |
| 411266 | 2067: 2016 | 8.4.7 | Safety criteria for design | Technical |
| 411267 | 2067: 2016 | 8.4.7.1 | Safety criteria | Technical |
| 411268 | 2067: 2016 | 8.4.7.2 | Risk quantification and individually derived safety criteria | Technical |
| 411269 | 2067: 2016 | 8.4.7.3 | Guidance on standard safety criteria | Technical |
| 411270 | 2067: 2016 | 8.4.7.4 | Safety criteria within other standards and guidelines | Technical |
| 411271 | 2067: 2016 | 8.4.8 | Perform direct probabilistic design | Technical |
| 411272 | 2067: 2016 | 8.4.9 | Mitigation/redesign | Technical |
| 411273 | 2067: 2016 | 8.4.10 | Transient design | Technical |
| 411274 | 2067: 2016 | 8.5 | Construction | Technical |
| 411275 | 2067: 2016 | 8.6 | Commissioning and ongoing monitoring | Technical |
| 411276 | 2067: 2016 | 8.7 | Maintenance, modification and refurbishment | Technical |
| 413277 | 2067: 2016 | 8.8 | Testing | Testing |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 413278 | 2067: 2016 | 8.9 | Documentation | Technical |
| 413279 | 2067: 2016 | 9.1 | Inspections and tests | Testing |
| 413280 | 2067: 2016 | 9.2 | Documentation and records | Technical |
| 411281 | 2067: 2016 | 9.3 | Verification of specified performances | Technical |
| 411282 | 2067: 2016 | 9.4 | Tests during installation and commissioning | Technical |
| 411283 | 2067: 2016 | 9.5 | Trial run | Technical |
| 411284 | 2067: 2016 | 10 | Operation and maintenance manual | Technical |

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|---|---|---|---|---|
| 511001 | 60079.14: 2017 | 4.1 | General requirements | Technical |
| 511002 | 60079.14: 2017 | 4.2 | Documentation | Technical |
| 511003 | 60079.14: 2017 | 4.3 | Initial inspection | Technical |
| 512004 | 60079.14: 2017 | 4.4 | Assurance of conformity of equipment | Unsafe |
| 511005 | 60079.14: 2017 | 4.4.1 | Equipment with certificates according to IEC standards | Technical |
| 512006 | 60079.14: 2017 | 4.4.2 | Equipment without certificates according to IEC standards | Unsafe |
| 511007 | 60079.14: 2017 | 4.4.3 | Selection of repaired, second hand or existing equipment | Technical |
| 511008 | 60079.14: 2017 | 4.5 | Qualifications of personnel | Technical |
| 511009 | 60079.14: 2017 | 5.1 | Information requirements | Technical |
| 511010 | 60079.14: 2017 | 5.2 | Zones | Technical |
| 511011 | 60079.14: 2017 | 5.3 | Relationship between equipment protection levels (EPLs) and zones | Technical |
| 511012 | 60079.14: 2017 | 5.4.1 | General | Technical |
| 512013 | 60079.14: 2017 | 5.4.2 | Relationship between EPLs and types of protection | Unsafe |
| 511014 | 60079.14: 2017 | 5.4.3 | Equipment for use in locations requiring EPL “Ga” or “Da” | Technical |
| 511015 | 60079.14: 2017 | 5.4.4 | Equipment for use in locations requiring EPL “Gb” or “Db” | Technical |
| 511016 | 60079.14: 2017 | 5.4.5 | Equipment for use in locations requiring EPL “Gc” or “Dc” | Technical |
| 511017 | 60079.14: 2017 | 5.5 | Selection according to equipment grouping | Technical |
| 511018 | 60079.14: 2017 | 5.6.1 | General | Technical |
| 511019 | 60079.14: 2017 | 5.6.2 | Gas or vapour | Technical |
| 511020 | 60079.14: 2017 | 5.6.3.1 | General | Technical |
| 511021 | 60079.14: 2017 | 5.6.3.2 | Temperature limitations because of the presence of dust clouds | Technical |
| 511022 | 60079.14: 2017 | 5.6.3.3 | Temperature limitation because of presence of dust layers | Technical |
| 511023 | 60079.14: 2017 | 5.6.3.4 | Unavoidable dust layers | Technical |
| 511024 | 60079.14: 2017 | 5.7.1 | General | Technical |
| 511025 | 60079.14: 2017 | 5.7.2 | Ignition process | Technical |
| 511026 | 60079.14: 2017 | 5.8.1 | General | Technical |
| 511027 | 60079.14: 2017 | 5.8.2 | Ignition process | Technical |
| 511028 | 60079.14: 2017 | 5.9 | Selection to cover external influences | Technical |
| 511029 | 60079.14: 2017 | 5.10.1 | General | Technical |
| 511030 | 60079.14: 2017 | 5.10.2 | Transportable and portable equipment | Technical |
| 511031 | 60079.14: 2017 | 5.10.3 | Personal equipment | Technical |
| 511032 | 60079.14: 2017 | 5.11.1 | General | Technical |
| 511033 | 60079.14: 2017 | 5.11.2 | Environmental Factors for “Ex” machine installation | Technical |
| 511034 | 60079.14: 2017 | 5.11.3 | Power and accessory connections, grounding | Technical |
| 511035 | 60079.14: 2017 | 5.11.4 | Motors fed from a converter supply | Technical |
| 511036 | 60079.14: 2017 | 5.12 | Luminaires | Technical |
| 511037 | 60079.14: 2017 | 5.13.1 | General | Technical |

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|---|---|---|---|---|
| 511038 | 60079.14: 2017 | 5.13.2 | Specific requirements for explosive dust atmospheres | Technical |
| 511039 | 60079.14: 2017 | 5.13.3 | Location | Technical |
| 511040 | 60079.14: 2017 | 5.14.1 | Charging of secondary cells and batteries | Technical |
| 511041 | 60079.14: 2017 | 5.14.2 | Ventilation | Technical |
| 511042 | 60079.14: 2017 | 5.15.1 | General | Technical |
| 511043 | 60079.14: 2017 | 5.15.2 | Passive RFID tags | Technical |
| 511044 | 60079.14: 2017 | 5.15.3 | Mounting RFID tags | Technical |
| 511045 | 60079.14: 2017 | 5.16 | Gas detection equipment | Technical |
| 511046 | 60079.14: 2017 | 6.1 | Light metals as construction materials | Technical |
| 511047 | 60079.14: 2017 | 6.2 | Danger from live parts | Technical |
| 511048 | 60079.14: 2017 | 6.3.2 | TN type of system earthing | Technical |
| 511049 | 60079.14: 2017 | 6.3.3 | TT type of system earthing | Technical |
| 511050 | 60079.14: 2017 | 6.3.4 | IT type of system earthing | Technical |
| 511051 | 60079.14: 2017 | 6.3.5 | SELV and PELV systems | Technical |
| 511052 | 60079.14: 2017 | 6.3.6 | Electrical separation | Technical |
| 511053 | 60079.14: 2017 | 6.3.7 | Non Ex electrical equipment above hazardous areas | Technical |
| 511054 | 60079.14: 2017 | 6.4.1 | General | Technical |
| 511055 | 60079.14: 2017 | 6.4.2 | Temporary bonding | Technical |
| 511056 | 60079.14: 2017 | 6.5.2 | Avoidance of a build-up of electrostatic charge on construction and protecting parts for locations requiring EPL “Ga”, “Gb” and “Gc” | Technical |
| 511057 | 60079.14: 2017 | 6.5.3 | Avoidance of a build-up of electrostatic charge on construction and protecting parts for locations requiring EPL “Da”, “Db” and “Dc” | Technical |
| 511058 | 60079.14: 2017 | 6.6 | Lightning protection | Technical |
| 511059 | 60079.14: 2017 | 6.7.1 | General | Technical |
| 511060 | 60079.14: 2017 | 6.7.2 | Radio frequency received in hazardous areas | Technical |
| 511061 | 60079.14: 2017 | 6.8 | Cathodically protected metallic parts | Technical |
| 511062 | 60079.14: 2017 | 6.9 | Ignition by optical radiation | Technical |
| 511063 | 60079.14: 2017 | 7 | Electrical protection | Technical |
| 511064 | 60079.14: 2017 | 8.2 | Switch-off | Technical |
| 511065 | 60079.14: 2017 | 8.3 | Electrical isolation | Technical |
| 511066 | 60079.14: 2017 | 9.1 | General | Technical |
| 511067 | 60079.14: 2017 | 9.2 | Aluminium conductors | Technical |
| 511068 | 60079.14: 2017 | 9.3.1 | General | Technical |
| 512069 | 60079.14: 2017 | 9.3.2 | Cables for fixed installations | Unsafe |
| 512070 | 60079.14: 2017 | 9.3.3 | Flexible cables for fixed installations | Unsafe |
| 512071 | 60079.14: 2017 | 9.3.4 | Flexible cables supplying transportable and portable equipment | Unsafe |
| 511072 | 60079.14: 2017 | 9.3.5 | Single insulated wires | Technical |

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|---|---|---|---|---|
| 511073 | 60079.14: 2017 | 9.3.6 | Overhead lines | Technical |
| 512074 | 60079.14: 2017 | 9.3.7 | Avoidance of damage | Unsafe |
| 511075 | 60079.14: 2017 | 9.3.8 | Cable surface temperature | Technical |
| 511076 | 60079.14: 2017 | 9.3.9 | Resistance to flame propagation | Technical |
| 512077 | 60079.14: 2017 | 9.4 | Conduit systems | Unsafe |
| 511078 | 60079.14: 2017 | 9.5 | Additional requirements | Technical |
| 511079 | 60079.14: 2017 | 9.6.1 | Circuits traversing a hazardous area | Technical |
| 511080 | 60079.14: 2017 | 9.6.2 | Terminations | Technical |
| 511081 | 60079.14: 2017 | 9.6.3 | Unused cores | Technical |
| 511082 | 60079.14: 2017 | 9.6.4 | Openings in walls | Technical |
| 511083 | 60079.14: 2017 | 9.6.5 | Passage and collection of flammables | Technical |
| 511084 | 60079.14: 2017 | 9.6.6 | Accumulation of dust | Technical |
| 511085 | 60079.14: 2017 | 10.1 | General | Technical |
| 511086 | 60079.14: 2017 | 10.2 | Selection of cable glands | Technical |
| 511087 | 60079.14: 2017 | 10.3 | Connections of cables to equipment | Technical |
| 511088 | 60079.14: 2017 | 10.5 | Unused openings | Technical |
| 511089 | 60079.14: 2017 | 10.6.1 | General | Technical |
| 511090 | 60079.14: 2017 | 10.6.2 | Selection of cable glands | Technical |
| 511091 | 60079.14: 2017 | 10.7 | Additional requirements for type of protection “t” – Protection by enclosure | Technical |
| 511092 | 60079.14: 2017 | 10.8 | Additional requirements for type of protection “nR” – Restricted breathing enclosure | Technical |
| 511093 | 60079.14: 2017 | 11.1 | General | Technical |
| 511094 | 60079.14: 2017 | 11.2.1 | Motors with a converter supply | Technical |
| 511095 | 60079.14: 2017 | 11.2.2 | Reduced-voltage starting (soft starting) | Technical |
| 511096 | 60079.14: 2017 | 11.3.1 | Mains-operated | Technical |
| 511097 | 60079.14: 2017 | 11.3.2 | Winding temperature sensors | Technical |
| 511098 | 60079.14: 2017 | 11.3.3 | Machines with rated voltage greater than 1 kV | Technical |
| 511099 | 60079.14: 2017 | 11.3.4 | Motors with converter supply | Technical |
| 511100 | 60079.14: 2017 | 11.3.5 | Reduced-voltage starting (soft starting) | Technical |
| 511101 | 60079.14: 2017 | 11.4.1 | Motors with a converter supply | Technical |
| 511102 | 60079.14: 2017 | 11.4.2 | Reduced-voltage starting (soft starting) | Technical |
| 511103 | 60079.14: 2017 | 11.5.1 | Motors with a converter supply | Technical |
| 511104 | 60079.14: 2017 | 11.5.2 | Reduced-voltage starting | Technical |
| 511105 | 60079.14: 2017 | 11.6.1 | Motors with converter supply | Technical |
| 511106 | 60079.14: 2017 | 11.6.2 | Reduced-voltage starting (soft starting) | Technical |
| 511107 | 60079.14: 2017 | 11.6.3 | Machines with rated voltage greater than 1 kV | Technical |
| 511108 | 60079.14: 2017 | 12 | Luminaires | Technical |
| 511109 | 60079.14: 2017 | 13.1 | General | Technical |

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|---|---|---|---|---|
| 511110 | 60079.14: 2017 | 13.2 | Temperature monitoring | Technical |
| 511111 | 60079.14: 2017 | 13.3 | Limiting temperature | Technical |
| 511112 | 60079.14: 2017 | 13.4 | Safety device | Technical |
| 511113 | 60079.14: 2017 | 13.5 | Electrical trace heating systems | Technical |
| 511114 | 60079.14: 2017 | 14.1 | General | Technical |
| 512115 | 60079.14: 2017 | 14.3 | Protection of flameproof joints | Unsafe |
| 512116 | 60079.14: 2017 | 14.4 | Conduit systems | Unsafe |
| 511117 | 60079.14: 2017 | 15.1 | General | Technical |
| 511118 | 60079.14: 2017 | 15.2 | Maximum dissipated power of terminal box enclosures | Technical |
| 511119 | 60079.14: 2017 | 16.1 | General | Technical |
| 511120 | 60079.14: 2017 | 16.2 | Equipment | Technical |
| 511121 | 60079.14: 2017 | 16.2.2.1 | General | Technical |
| 511122 | 60079.14: 2017 | 16.2.2.2 | Electrical parameters of cables | Technical |
| 511123 | 60079.14: 2017 | 16.2.2.3 | Earthing of conducting screens | Technical |
| 511124 | 60079.14: 2017 | 16.2.2.4 | Cable armour bonding | Technical |
| 511125 | 60079.14: 2017 | 16.2.2.5.1 | General | Technical |
| 511126 | 60079.14: 2017 | 16.2.2.5.2 | Conductors | Technical |
| 511127 | 60079.14: 2017 | 16.2.2.5.3 | Unused cores in cables | Technical |
| 511128 | 60079.14: 2017 | 16.2.2.6 | Marking of cables | Technical |
| 511129 | 60079.14: 2017 | 16.2.2.7 | Cables carrying more than one intrinsically safe circuit | Technical |
| 511130 | 60079.14: 2017 | 16.2.2.8 | Types of cables carrying more than one intrinsically safe circuit and applicable fault considerations | Technical |
| 511131 | 60079.14: 2017 | 16.2.3 | Earthing of intrinsically safe circuits | Technical |
| 511132 | 60079.14: 2017 | 16.2.4.1 | General | Technical |
| 511133 | 60079.14: 2017 | 16.2.4.2 | Descriptive system document | Technical |
| 511134 | 60079.14: 2017 | 16.2.4.3 | Intrinsically safe circuits with only one source of power | Technical |
| 511135 | 60079.14: 2017 | 16.2.4.4 | Intrinsically safe circuits with more than one associated apparatus | Technical |
| 511136 | 60079.14: 2017 | 16.3 | Installations to meet the requirements of EPL “Ga” or “Da” | Technical |
| 511137 | 60079.14: 2017 | 16.4 | Simple apparatus | Technical |
| 511138 | 60079.14: 2017 | 16.5.1 | General | Technical |
| 511139 | 60079.14: 2017 | 16.5.3 | Terminal boxes with more than one intrinsically safe circuit | Technical |
| 511140 | 60079.14: 2017 | 16.5.4 | Terminal boxes with non-intrinsically safe and intrinsically safe circuits | Technical |
| 511141 | 60079.14: 2017 | 16.5.5 | Plugs and sockets used for external connections | Technical |
| 511142 | 60079.14: 2017 | 16.6 | Special applications | Technical |
| 511143 | 60079.14: 2017 | 17.1 | General | Technical |
| 511144 | 60079.14: 2017 | 17.2.1 | General | Technical |
| 511145 | 60079.14: 2017 | 17.2.2 | Ducting | Technical |

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| 511146 | 60079.14: 2017 | 17.2.3.1 | General | Technical |
| 511147 | 60079.14: 2017 | 17.2.3.2.1 | General | Technical |
| 511148 | 60079.14: 2017 | 17.2.3.2.2 | Automatic switch-off | Technical |
| 511149 | 60079.14: 2017 | 17.2.3.2.3 | Alarm | Technical |
| 511150 | 60079.14: 2017 | 17.2.3.3 | Equipment with an internal source of release | Technical |
| 511151 | 60079.14: 2017 | 17.2.4 | Multiple pressurized enclosures with a common safety device | Technical |
| 511152 | 60079.14: 2017 | 17.2.5 | Purging | Technical |
| 511153 | 60079.14: 2017 | 17.2.6 | Protective gas | Technical |
| 511154 | 60079.14: 2017 | 17.3.1 | Sources of protective gas | Technical |
| 511155 | 60079.14: 2017 | 17.3.2 | Automatic switch-off | Technical |
| 511156 | 60079.14: 2017 | 17.3.3 | Alarm | Technical |
| 511157 | 60079.14: 2017 | 17.3.4 | Common source of protective gas | Technical |
| 511158 | 60079.14: 2017 | 17.3.5 | Switching on electrical supply | Technical |
| 511159 | 60079.14: 2017 | 17.4.1 | Pressurized rooms | Technical |
| 511160 | 60079.14: 2017 | 17.4.2 | Analyser houses | Technical |
| 511161 | 60079.14: 2017 | 18.1 | General | Technical |
| 511162 | 60079.14: 2017 | 18.2 | “nR” equipment | Technical |
| 511163 | 60079.14: 2017 | 18.3 | Combinations of terminals and conductors for general connection and junction boxes | Technical |
| 511164 | 60079.14: 2017 | 18.4 | Conductor terminations | Technical |
| 511165 | 60079.14: 2017 | 19.1 | General | Technical |
| 511166 | 60079.14: 2017 | 19.2 | External connections | Technical |
| 511167 | 60079.14: 2017 | 20 | Additional requirements for type of protection “q” – Powder filling | Technical |
| 511168 | 60079.14: 2017 | 21 | Additional requirements for type of protection “m” – Encapsulation | Technical |
| 511169 | 60079.14: 2017 | 22 | Additional requirements for type of protection “op” – Optical radiation | Technical |
| 511170 | 60079.14: 2017 | 23 | Additional requirements for type of protection “t” – Protection by enclosure | Technical |

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|---|---|---|---|---|
| 621001 | 4777.1: 2016 | 2.1 | General | Technical |
| 621002 | 4777.1: 2016 | 2.3 | General Requirements For Inverter Energy Systems (IES) | Technical |
| 621003 | 4777.1: 2016 | 3.1 | General | Technical |
| 621004 | 4777.1: 2016 | 3.2 | Connections | Technical |
| 621005 | 4777.1: 2016 | 3.2.1 | General | Technical |
| 621006 | 4777.1: 2016 | 3.2.2 | Connection to switchboard | Technical |
| 621007 | 4777.1: 2016 | 3.2.3 | Connector or coupling connections to the IES | Technical |
| 621008 | 4777.1: 2016 | 3.3.1 | Selection and Installation of Wiring Systems - General | Technical |
| 621009 | 4777.1: 2016 | 3.3.2 | Installation method | Technical |
| 621010 | 4777.1: 2016 | 3.3.3 | Voltage rise | Technical |
| 621011 | 4777.1: 2016 | 3.4.1 | Control and protection - General | Technical |
| 621012 | 4777.1: 2016 | 3.4.2 | Overcurrent protection | Technical |
| 621013 | 4777.1: 2016 | 3.4.3 | Isolation switches | Technical |
| 621014 | 4777.1: 2016 | 3.4.4 | Requirements for central protection and inverter integrated protection | Technical |
| 621015 | 4777.1: 2016 | 3.4.5 | Residual current devices (RCDs) | Technical |
| 621016 | 4777.1: 2016 | 3.4.6 | Demand response mode (DRM) | Technical |
| 621017 | 4777.1: 2016 | 3.4.7 | IES operational settings | Technical |
| 621018 | 4777.1: 2016 | 3.4.8 | Export control of an IES | Technical |
| 621019 | 4777.1: 2016 | 4.1 | General | Technical |
| 621020 | 4777.1: 2016 | 4.2 | Connectors Or Coupling Connections | Technical |
| 621021 | 4777.1: 2016 | 4.3.1 | Cabling - General Requirements | Technical |
| 621022 | 4777.1: 2016 | 4.3.2 | Cable Identification | Technical |
| 621023 | 4777.1: 2016 | 4.4 | Overcurrent Protection | Technical |
| 621024 | 4777.1: 2016 | 4.5 | Isolation Devices | Technical |
| 621025 | 4777.1: 2016 | 5.1.1 | Earth Fault Detection - General | Technical |
| 621026 | 4777.1: 2016 | 5.1.2 | Insulation monitoring | Technical |
| 621027 | 4777.1: 2016 | 5.1.3 | Residual current detection for PV IES | Technical |
| 621028 | 4777.1: 2016 | 5.2 | Segregation Of Circuits | Technical |
| 621029 | 4777.1: 2016 | 5.3.1 | Additional Installation Requirements - Inverter Installation | Technical |
| 621030 | 4777.1: 2016 | 5.3.2 | Equipment weatherproofing | Technical |
| 621031 | 4777.1: 2016 | 5.4.1 | Additional Requirements for Multiple Mode IES - General | Technical |
| 621032 | 4777.1: 2016 | 5.4.2 | Additional inverter requirements | Technical |
| 621033 | 4777.1: 2016 | 5.4.3 | Circuit arrangement | Technical |
| 621034 | 4777.1: 2016 | 5.4.4 | RCDs on multiple mode inverter system final subcircuits | Technical |
| 621035 | 4777.1: 2016 | 5.5.1 | Multiple Inverter Installations - General | Technical |
| 621036 | 4777.1: 2016 | 5.5.2 | Single inverter or group of inverters with capacity no more than 5 kVA per phase | Technical |
| 621037 | 4777.1: 2016 | 5.5.3 | Inverters on the same switchboard | Technical |

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|---|---|---|---|---|
| 621038 | 4777.1: 2016 | 5.5.4 | Inverter energy systems (IES) on different distribution switchboards | Technical |
| 621039 | 4777.1: 2016 | 6.1 | General | Technical |
| 621040 | 4777.1: 2016 | 6.2 | Signs for the switchboard to which the IES is directly connected | Technical |
| 621041 | 4777.1: 2016 | 6.3 | Signs For Other Switchboards | Technical |
| 621042 | 4777.1: 2016 | 6.4 | Signs For Inverter Locations | Technical |
| 621043 | 4777.1: 2016 | 6.5 | Energy Source Labelling | Technical |
| 621044 | 4777.1: 2016 | 6.6 | Demand Response Mode (DRM) Labelling | Technical |
| 621045 | 4777.1: 2016 | 6.7 | Signs For Shutdown Procedure | Technical |
| 621046 | 4777.1: 2016 | 6.8 | Signs Located Adjacent To Inverter(S) | Technical |
| 621047 | 4777.1: 2016 | 6.9 | Signs For Multiple Systems | Technical |
| 621048 | 4777.1: 2016 | 6.1 | Signs For Multiple Energy Sources | Technical |
| 621049 | 4777.1: 2016 | 6.11 | Signs For Multiple Mode Ies (Including Systems With Standalone Functionality) | Technical |
| 621050 | 4777.1: 2016 | 6.12 | Signs For Emergency Services | Technical |
| 621051 | 4777.1: 2016 | 7.1 | General | Technical |
| 621052 | 4777.1: 2016 | 7.2 | Manual | Technical |
| 621053 | 4777.1: 2016 | 7.3.1 | Verification - General | Technical |
| 623054 | 4777.1: 2016 | 7.3.2 | Initial verification | Testing |
| 623055 | 4777.1: 2016 | 7.3.3 | Periodic verification | Testing |
| 621056 | 4777.1: 2016 | 7.3.4 | Alterations, additions and repairs | Technical |
| 621057 | 4777.1: 2016 | 7.4 | Visual Inspection | Technical |
| 623058 | 4777.1: 2016 | 7.5 | Testing | Testing |
| 621059 | 4777.1: 2016 | 7.6 | Commissioning | Technical |
| 631001 | 4777.2: 2015 | 5.1 | General Requirements - Electrical Safety | Technical |
| 631002 | 4777.2: 2015 | 5.2 | Provision for external connections | Technical |
| 631003 | 4777.2: 2015 | 5.3 | Photovoltaic (PV) array earth fault/earth leakage detection | Technical |
| 631004 | 4777.2: 2015 | 5.4 | Compatibility with electrical installation | Technical |
| 631005 | 4777.2: 2015 | 5.5 | Power factor | Technical |
| 631006 | 4777.2: 2015 | 5.6 | Harmonic currents | Technical |
| 631007 | 4777.2: 2015 | 5.7 | Voltage fluctuations and flicker | Technical |
| 631008 | 4777.2: 2015 | 5.8 | Transient voltage limits | Technical |
| 631009 | 4777.2: 2015 | 5.9 | D.C. current injection | Technical |
| 631010 | 4777.2: 2015 | 5.1 | Current balance for three-phase inverters | Technical |
| 631011 | 4777.2: 2015 | 6.2.1 | Inverter demand response modes (DRMs) - General | Technical |
| 631012 | 4777.2: 2015 | 6.2.2 | Interaction with demand response enabling device (DRED) | Technical |
| 631013 | 4777.2: 2015 | 6.3.1 | Inverter power quality response modes - General | Technical |
| 631014 | 4777.2: 2015 | 6.3.2 | Volt response modes | Technical |
| 631015 | 4777.2: 2015 | 6.3.3 | Fixed power factor mode and reactive power mode | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 631016 | 4777.2: 2015 | 6.3.4 | Characteristic power factor curve for cos φ (P) (Power response) | Technical |
| 631017 | 4777.2: 2015 | 6.3.5 | Power rate limit | Technical |
| 631018 | 4777.2: 2015 | 6.4.1 | Multiple mode inverter operation - General | Technical |
| 631019 | 4777.2: 2015 | 6.4.2 | Sinusoidal output in stand-alone mode | Technical |
| 631020 | 4777.2: 2015 | 6.4.3 | Volt–watt response mode for charging of energy storage | Technical |
| 631021 | 4777.2: 2015 | 6.5 | Security of operational settings | Technical |
| 631022 | 4777.2: 2015 | 7.1 | Protective Functions for connection to Electrical Installations and the grid - General | Technical |
| 631023 | 4777.2: 2015 | 7.2 | Automatic disconnection device | Technical |
| 631024 | 4777.2: 2015 | 7.3 | Active anti-islanding protection | Technical |
| 631025 | 4777.2: 2015 | 7.4 | Voltage and frequency limits (passive anti-islanding protection) | Technical |
| 631026 | 4777.2: 2015 | 7.5.1 | Limits for sustained operation - General | Technical |
| 631027 | 4777.2: 2015 | 7.5.2 | Sustained operation for voltage variations | Technical |
| 631028 | 4777.2: 2015 | 7.5.3 | Sustained operation for frequency variations | Technical |
| 631029 | 4777.2: 2015 | 7.6 | Disconnection on external signal | Technical |
| 631030 | 4777.2: 2015 | 7.7 | Connection and reconnection procedure | Technical |
| 631031 | 4777.2: 2015 | 7.8 | Security of protection settings | Technical |
| 631032 | 4777.2: 2015 | 8.1 | Multiple Inverter Combinations - General | Technical |
| 631033 | 4777.2: 2015 | 8.2 | Inverter current balance across multiple phases | Technical |
| 631034 | 4777.2: 2015 | 8.3 | Grid disconnection | Technical |
| 631035 | 4777.2: 2015 | 8.4 | Grid connection and reconnection | Technical |
| 633036 | 4777.2: 2015 | 8.5 | Testing combinations | Testing |
| 633037 | 4777.2: 2015 | 9.1 | Inverter Marking And Documentation - General | Technical |
| 631038 | 4777.2: 2015 | 9.2 | Marking | Technical |
| 631039 | 4777.2: 2015 | 9.3 | Documentation | Technical |
| 641001 | 5033: 2014 | 2.1 | Configuration | Technical |
| 641002 | 5033: 2014 | 2.1.1 | General | Technical |
| 641003 | 5033: 2014 | 2.1.2 | PV system architectures | Technical |
| 641004 | 5033: 2014 | 2.1.3 | Array electrical diagrams | Technical |
| 641005 | 5033: 2014 | 2.1.4 | Use of PCE with multiple d.c. inputs | Technical |
| 641006 | 5033: 2014 | 2.1.5 | Strings constructed using d.c. conditioning units | Technical |
| 641007 | 5033: 2014 | 2.1.6 | Series-parallel configuration | Technical |
| 641008 | 5033: 2014 | 2.1.7 | Batteries connected to systems | Technical |
| 641009 | 5033: 2014 | 2.2 | Mechanical design | Technical |
| 641010 | 5033: 2014 | 2.2.1 | General | Technical |
| 641011 | 5033: 2014 | 2.2.2 | Thermal aspects | Technical |
| 641012 | 5033: 2014 | 2.2.3 | Mechanical loads on PV structures | Technical |
| 641013 | 5033: 2014 | 2.2.5 | Wind | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 641014 | 5033: 2014 | 2.2.6 | Snow/ice accumulation | Technical |
| 641015 | 5033: 2014 | 2.2.7 | Corrosion | Technical |
| 641016 | 5033: 2014 | 2.2.8 | Additional requirements for PV modules mounted on vehicles | Technical |
| 641017 | 5033: 2014 | 3.1 | Generak | Technical |
| 642018 | 5033: 2014 | 3.2 | Protection against electrical shock | Unsafe |
| 641019 | 5033: 2014 | 3.3.2 | Requirement for overcurrent protection | Technical |
| 641020 | 5033: 2014 | 3.3.3 | Overcurrent protection in PV systems connected to batteries | Technical |
| 641021 | 5033: 2014 | 3.3.4 | String overcurrent protection | Technical |
| 641022 | 5033: 2014 | 3.3.5 | Overcurrent protection sizing | Technical |
| 641023 | 5033: 2014 | 3.3.6 | Overcurrent protection location | Technical |
| 641024 | 5033: 2014 | 3.4 | Protection against earth faults | Technical |
| 641025 | 5033: 2014 | 3.4.1 | General | Technical |
| 641026 | 5033: 2014 | 3.4.2 | Systems with direct functional earthing of the PV array | Technical |
| 641027 | 5033: 2014 | 3.4.3 | Earth fault alarm (see Appendix H, Table H1) | Technical |
| 641028 | 5033: 2014 | 3.5 | Protection against effects of lightning and overvoltage | Technical |
| 641029 | 5033: 2014 | 3.5.1 | General | Technical |
| 641030 | 5033: 2014 | 3.5.2 | Protection against overvoltage | Technical |
| 641031 | 5033: 2014 | 3.5.3 | Surge protection devices (SPDs) | Technical |
| 641032 | 5033: 2014 | 4.1 | General | Technical |
| 641033 | 5033: 2014 | 4.2 | PV array maximum volutage | Technical |
| 641034 | 5033: 2014 | 4.3.1 | General | Technical |
| 641035 | 5033: 2014 | 4.3.2 | PV modules | Technical |
| 641036 | 5033: 2014 | 4.3.3 | PV array and PV equipment | Technical |
| 641037 | 5033: 2014 | 4.4.4 | Circuit breakers | Technical |
| 641038 | 5033: 2014 | 4.3.5 | Disconnecting devices | Technical |
| 641039 | 5033: 2014 | 4.3.6 | Cables | Technical |
| 641040 | 5033: 2014 | 4.3.7 | Plugs, sockets and connectors | Technical |
| 641041 | 5033: 2014 | 4.3.8 | Fuses | Technical |
| 641042 | 5033: 2014 | 4.3.9 | Bypass diodes | Technical |
| 641043 | 5033: 2014 | 4.3.10 | Blocking diodes | Technical |
| 641044 | 5033: 2014 | 4.3.11 | Power conversion equipment (PCE) | Technical |
| 641045 | 5033: 2014 | 4.3.12 | Small micro inverter installations | Technical |
| 641046 | 5033: 2014 | 4.4.1 | Disconnecting means | Technical |
| 641047 | 5033: 2014 | 4.4.2 | Earthing and bonding arrangements | Technical |
| 641048 | 5033: 2014 | 4.4.3 | Functional earthing of PV arrays | Technical |
| 641049 | 5033: 2014 | 4.4.4 | Wiring system | Technical |
| 641050 | 5033: 2014 | 4.5 | Commissioning | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 641051 | 5033: 2014 | 5.1 | Equipment marking | Technical |
| 641052 | 5033: 2014 | 5.2 | Requirements for labels and signs | Technical |
| 641053 | 5033: 2014 | 5.3.1 | Wiring identification | Technical |
| 641054 | 5033: 2014 | 5.3.2 | Signs for PV array and PV string junction boxes | Technical |
| 641055 | 5033: 2014 | 5.4.1 | Voltage and current sign | Technical |
| 641056 | 5033: 2014 | 5.4.2 | Warning sign | Technical |
| 641057 | 5033: 2014 | 5.5.1 | General | Technical |
| 641058 | 5033: 2014 | 5.5.2 | PV array disconnecting device | Technical |
| 641059 | 5033: 2014 | 5.5.3 | Shutdown procedure | Technical |
| 641060 | 5033: 2014 | 5.5.4 | Sign for systems over 600 V | Technical |
| 641061 | 5033: 2014 | 5.6 | Labelling of Fuse Holders | Technical |
| 641062 | 5033: 2014 | 5.7 | Documentation | Technical |
| 641063 | 5033: 2014 | B2 | D.C. Switch-Disconnector Voltage Rating Requirements | Technical |
| 643064 | 5033: 2014 | D2 | Commissioning tests | Testing |
| 643065 | 5033: 2014 | D3 | PV Array—D.C. voltage | Technical |
| 641066 | 5033: 2014 | F8 | Selection of SPDs appertaining to protection level VP and System Immunity | Technical |
| 641067 | 5033: 2014 | F9 | Earthing of SPDs | Technical |
| 641068 | 5033: 2014 | F10 | Cross-section of Connecting Conductors to SPDs on the D.C.Side of PV Installations | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 651001 | 4509: 2009 | 2.1 | A.C. Output voltage | Technical |
| 651002 | 4509: 2009 | 2.2 | Application of AS/NZS 3000 | Technical |
| 651003 | 4509: 2009 | 2.3 | Signs | Technical |
| 651004 | 4509: 2009 | 2.4 | Information sign for Emergency Services | Technical |
| 651005 | 4509: 2009 | 2.5 | Shutdown procedure | Technical |
| 651006 | 4509: 2009 | 2.6 | Identification and location of equipment | Technical |
| 651007 | 4509: 2009 | 2.7 | Meters and informative displays | Technical |
| 651008 | 4509: 2009 | 2.8 | Mechanical and thermal protection of equipment | Technical |
| 651009 | 4509: 2009 | 3.1 | Cable protection | Technical |
| 651010 | 4509: 2009 | 3.2 | Electrical protection | Technical |
| 651011 | 4509: 2009 | 3.3 | Equipment layout | Technical |
| 651012 | 4509: 2009 | 3.4.1 | Wiring Issues - D.C. Losses | Technical |
| 651013 | 4509: 2009 | 3.4.2 | ELV Cabling Voltage Drop | Technical |
| 651014 | 4509: 2009 | 3.4.3 | Segregation Of Circuits | Technical |
| 651015 | 4509: 2009 | 3.4.4 | D.C. Cabling Inductance | Technical |
| 651016 | 4509: 2009 | 4.4.2 | Point of supply with earthed neutral | Technical |
| 651017 | 4509: 2009 | 4.4.3 | Separated supply | Technical |
| 651018 | 4509: 2009 | 4.5.1 | Systems Feeding A Single Electrical Main (Installation) Switchboard - General | Technical |
| 651019 | 4509: 2009 | 4.5.2 | Isolation and protection of consumers mains | Technical |
| 651020 | 4509: 2009 | 4.5.3 | Earthing | Technical |
| 651021 | 4509: 2009 | 4.5.4 | Protection | Technical |
| 651022 | 4509: 2009 | 4.6.1 | A.C. Systems Supplying Several Buildings - General | Technical |
| 651023 | 4509: 2009 | 4.6.2 | Earthing | Technical |
| 651024 | 4509: 2009 | 5.1.1 | Photovoltaic Arrays - Installation | Technical |
| 651025 | 4509: 2009 | 5.1.2 | Sizing | Technical |
| 651026 | 4509: 2009 | 5.2.1 | Wind Turbine Generators - General | Technical |
| 651027 | 4509: 2009 | 5.2.3 | Footings | Technical |
| 651028 | 4509: 2009 | 5.2.4 | Tower | Technical |
| 651029 | 4509: 2009 | 5.3.2 | Hydro Generators - Installation | Technical |
| 651030 | 4509: 2009 | 6.1 | General | Technical |
| 651031 | 4509: 2009 | 6.2 | Installation Of Generating Sets | Technical |
| 651032 | 4509: 2009 | 6.3 | Automatic-Start Warning | Technical |
| 651033 | 4509: 2009 | 6.4.1 | Fuel Storage - General Requirements | Technical |
| 651034 | 4509: 2009 | 6.4.2 | Australian requirements | Technical |
| 651035 | 4509: 2009 | 7.1 | General | Technical |
| 651036 | 4509: 2009 | 7.2 | Location of batteries | Technical |
| 651037 | 4509: 2009 | 7.3.1 | Equipment Room Or Battery Enclosure - General | Technical |

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|---|---|---|---|---|
| 651038 | 4509: 2009 | 7.3.2 | Lighting | Technical |
| 651039 | 4509: 2009 | 7.3.3 | Socket-outlets | Technical |
| 651040 | 4509: 2009 | 7.3.4 | Fences | Technical |
| 651041 | 4509: 2009 | 7.4 | Location of battery protection equipment | Technical |
| 651042 | 4509: 2009 | 7.5.1 | Installation - Mandatory requirements | Technical |
| 651043 | 4509: 2009 | 8.1 | Temperature sensing | Technical |
| 651044 | 4509: 2009 | 8.3 | Battery chargers | Technical |
| 651045 | 4509: 2009 | 9.1 | Cabling | Technical |
| 651046 | 4509: 2009 | 9.3.2 | Inverters with separation | Technical |
| 651047 | 4509: 2009 | 9.3.2 | Inverters without separation | Technical |
| 651048 | 4509: 2009 | 9.4.1 | Connection of generators to inverters - General | Technical |
| 651049 | 4509: 2009 | 9.4.2 | Connecting a generating set in parallel with an interactive inverter | Technical |
| 651050 | 4509: 2009 | 10.1 | General | Technical |
| 651051 | 4509: 2009 | 10.2 | Wiring | Technical |
| 653052 | 4509: 2009 | 10.3 | D.C. Polarity | Testing |
| 651053 | 4509: 2009 | 10.4 | Pre-commissioning checks | Technical |
| 653054 | 4509: 2009 | 10.5 | System functional testing | Testing |
| 651055 | 4509: 2009 | 11.1 | General | Technical |
| 651056 | 4509: 2009 | 11.2 | System manual | Technical |
| 651057 | 4509: 2009 | 11.3 | System and battery record book | Technical |
| 651058 | 4509: 2009 | 11.4 | Generating set logbook | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 661001 | 3439:2002 | 4 | Electrical characteristics of ASSEMBLIES | Technical |
| 661002 | 3439:2002 | 4.1 | Rated voltages | Technical |
| 661003 | 3439:2002 | 4.1.1 | Rated operational voltage (of a circuit of an ASSEMBLY) | Technical |
| 661004 | 3439:2002 | 4.1.2 | Rated insulation voltage (Ui) (of a circuit of an ASSEMBLY) | Technical |
| 661005 | 3439:2002 | 4.1.3 | Rated impulse withstand voltage (Uimp ) (of a circuit of an ASSEMBLY) | Technical |
| 661006 | 3439:2002 | 4.2 | Rated current (In) (of a circuit of an ASSEMBLY) | Technical |
| 661007 | 3439:2002 | 4.3 | Rated short-time current (Icw) (of a circuit of an ASSEMBLY) | Technical |
| 661008 | 3439:2002 | 4.4 | Rated peak withstand current (Ipk) (of a circuit of an ASSEMBLY) | Technical |
| 661009 | 3439:2002 | 4.5 | Rated conditional short-circuit current (Icc) (of a circuit of an ASSEMBLY) | Technical |
| 661010 | 3439:2002 | 4.6 | Rated fused short-circuit current (Icf) (of a circuit of an ASSEMBLY) | Technical |
| 661011 | 3439:2002 | 4.7 | Rated diversity factor | Technical |
| 661012 | 3439:2002 | 4.8 | Rated frequency | Technical |
| 661013 | 3439:2002 | 5.1 | Information to be given regarding the ASSEMBLY - Nameplates | Technical |
| 661014 | 3439:2002 | 5.2 | Markings | Technical |
| 661015 | 3439:2002 | 5.3 | Instructions for installation, operation and maintenance | Technical |
| 661016 | 3439:2002 | 6.1 | Normal service conditions | Technical |
| 661017 | 3439:2002 | 6.1.1 | Ambient air temperature | Technical |
| 661018 | 3439:2002 | 6.1.2 | Atmospheric conditions | Technical |
| 661019 | 3439:2002 | 6.1.3 | Altitude | Technical |
| 661020 | 3439:2002 | 6.2 | Special service conditions | Technical |
| 661021 | 3439:2002 | 6.3 | Conditions during transport, storage and erection | Technical |
| 661022 | 3439:2002 | 7.1.1 | Mechanical design - General | Technical |
| 661023 | 3439:2002 | 7.1.2.1 | Clearances, creepage distances and isolating distances | Technical |
| 661024 | 3439:2002 | 7.1.2.2 | Isolation of withdrawable parts | Technical |
| 661025 | 3439:2002 | 7.1.2.3 | Dielectric properties | Technical |
| 661026 | 3439:2002 | 7.1.3 | Terminals for external conductors | Technical |
| 661027 | 3439:2002 | 7.2.1 | Degree of protection | Technical |
| 661028 | 3439:2002 | 7.2.2 | Measures to take account of atmospheric humidity | Technical |
| 661029 | 3439:2002 | 7.3 | Temperature rise | Technical |
| 661030 | 3439:2002 | 7.4 | Protection against electric shock | Technical |
| 661031 | 3439:2002 | 7.4.1.1 | Protection by safety extra-low voltage | Technical |
| 661032 | 3439:2002 | 7.4.2 | Protection against direct contact | Technical |
| 662033 | 3439:2002 | 7.4.2.1 | Protection by insulation of live parts | Unsafe |
| 661034 | 3439:2002 | 7.4.2.2 | Protection by barriers or enclosures | Technical |
| 661035 | 3439:2002 | 7.4.3 | Protection against indirect contact | Technical |
| 661036 | 3439:2002 | 7.4.3.1 | Protection by using protective circuits | Technical |
| 661037 | 3439:2002 | 7.4.3.2 | Protection by measures other than using protective circuits | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 661038 | 3439:2002 | 7.4.4 | Discharging of electrical charges | Technical |
| 661039 | 3439:2002 | 7.4.5 | Operating and maintenance gangways within ASSEMBLIES | Technical |
| 661040 | 3439:2002 | 7.4.6 | Requirements related to accessibility in service by authorized personnel | Technical |
| 661041 | 3439:2002 | 7.5.1 | Short-circuit protection and short-circuit withstand strength - General | Technical |
| 661042 | 3439:2002 | 7.5.2 | Information concerning short-circuit withstand strength | Technical |
| 661043 | 3439:2002 | 7.5.3 | Relationship between peak withstand current and short-time withstand current | Technical |
| 661044 | 3439:2002 | 7.5.4 | Co-ordination of short-circuit protective devices | Technical |
| 661045 | 3439:2002 | 7.5.5 | Circuits within an ASSEMBLY | Technical |
| 661046 | 3439:2002 | 7.6.1 | Switching devices and components installed in ASSEMBLIES - Seleection of | Technical |
| 661047 | 3439:2002 | 7.6.2 | Installation | Technical |
| 661048 | 3439:2002 | 7.6.3 | Fixed parts | Technical |
| 661049 | 3439:2002 | 7.6.4 | Removable parts and withdrawable parts | Technical |
| 661050 | 3439:2002 | 7.6.5 | Identification | Technical |
| 661051 | 3439:2002 | 7.7 | Internal separation of ASSEMBLIES | Technical |
| 661052 | 3439:2002 | 7.7.1 | By barriers or partitions (standard construction) | Technical |
| 661053 | 3439:2002 | 7.7.2 | By alternative means to standard construction | Technical |
| 661054 | 3439:2002 | 7.8.1 | Electrical connections inside an ASSEMBLY: bars and insulated conductors - General | Technical |
| 661055 | 3439:2002 | 7.8.2 | Dimensions and rating of busbars and insulated conductors | Technical |
| 661056 | 3439:2002 | 7.8.3 | Wiring | Technical |
| 661057 | 3439:2002 | 7.9.1 | Requirements for electronic equipment supply circuits - Input voltage variations | Technical |
| 661058 | 3439:2002 | 7.9.2 | Overvoltages | Technical |
| 661059 | 3439:2002 | 7.9.3 | Waveform | Technical |
| 661060 | 3439:2002 | 7.9.4 | Temporary variations in voltage and frequency | Technical |
| 661061 | 3439:2002 | 7.10.1 | Electromagnetic compatibility (EMC) - EMC environment | Technical |
| 661062 | 3439:2002 | 7.10.2 | Requirement for testing | Technical |
| 661063 | 3439:2002 | 7.10.3 | Immunity | Technical |
| 661064 | 3439:2002 | 7.10.4 | Emission | Technical |
| 661065 | 3439:2002 | 7.11 | Description of the types of electrical connections of functional units | Technical |
| 661066 | 3439:2002 | 8.1 | Test specifications - Classification of tests | Technical |
| 661067 | 3439:2002 | 8.1.1 | Type tests | Technical |
| 661068 | 3439:2002 | 8.1.2 | Routine tests | Technical |
| 661069 | 3439:2002 | 8.1.3 | Testing of devices and self-contained components incorporated in the ASSEMBLY | Technical |
| 663070 | 3439:2002 | 8.2.1 | Type tests - Verification of temperature-rise limits | Testing |
| 663071 | 3439:2002 | 8.2.2 | Verification of dielectric properties - General | Testing |
| 663072 | 3439:2002 | 8.2.3 | Verification of short-circuit withstand strength | Testing |
| 663073 | 3439:2002 | 8.2.4 | Verification of the effectiveness of the protective circuit | Testing |
| 663074 | 3439:2002 | 8.2.5 | Verification of clearances and creepage distances | Testing |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 663075 | 3439:2002 | 8.2.6 | Verification of mechanical operation | **Testing** |
| 663076 | 3439:2002 | 8.2.7 | Verification of degree of protection and internal separation | **Testing** |
| 663077 | 3439:2002 | 8.2.8 | EMC tests | **Testing** |
| 663078 | 3439:2002 | 8.3.1 | Routine tests - Inspection of the ASSEMBLY including inspection of wiring and, if necessary, electrical operation test | **Testing** |
| 663079 | 3439:2002 | 8.3.2 | Dielectric test | **Testing** |
| 663080 | 3439:2002 | 8.3.3 | Checking of protective measures and of the electrical continuity of the protective circuits | **Testing** |
| 663081 | 3439:2002 | 8.3.4 | Verification of insulation resistance | **Testing** |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 671001 | 61439:2016 | 5.2.1 | Voltage ratings - Rated voltage (Un) (of the ASSEMBLY) | Technical |
| 671002 | 61439:2016 | 5.2.2 | Rated operational voltage (Ue) (of a circuit of an ASSEMBLY) | Technical |
| 671003 | 61439:2016 | 5.2.3 | Rated insulation voltage (Ui) (of a circuit of an ASSEMBLY) | Technical |
| 671004 | 61439:2016 | 5.2.4 | Rated impulse withstand voltage (Uimp) (of the ASSEMBLY) | Technical |
| 671005 | 61439:2016 | 5.3.1 | Current ratings - Rated current of the ASSEMBLY (InA) | Technical |
| 671006 | 61439:2016 | 5.3.2 | Rated current of a circuit (Inc) | Technical |
| 671007 | 61439:2016 | 5.3.3 | Rated peak withstand current (Ipk) | Technical |
| 671008 | 61439:2016 | 5.3.4 | Rated short-time withstand current (Icw) (of a circuit of an ASSEMBLY) | Technical |
| 671009 | 61439:2016 | 5.3.5 | Rated conditional short-circuit current of an ASSEMBLY (Icc) | Technical |
| 671010 | 61439:2016 | 5.4 | Rated diversity factor (RDF) | Technical |
| 671011 | 61439:2016 | 5.5 | Rated frequency (fn) | Technical |
| 671012 | 61439:2016 | 5.6 | Other characteristics | Technical |
| 671013 | 61439:2016 | 6.1 | Information - ASSEMBLY designation marking | Technical |
| 671014 | 61439:2016 | 6.2.1 | Documentation - Information relating to the ASSEMBLY | Technical |
| 671015 | 61439:2016 | 6.2.2 | Instructions for handling, installation, operation and maintenance | Technical |
| 671016 | 61439:2016 | 6.3 | Device and/or component identification | Technical |
| 671017 | 61439:2016 | 7.1.1 | Ambient air temperature | Technical |
| 671018 | 61439:2016 | 7.1.2 | Humidity conditions | Technical |
| 671019 | 61439:2016 | 7.1.3 | Pollution degree | Technical |
| 671020 | 61439:2016 | 7.1.4 | Altitude | Technical |
| 671021 | 61439:2016 | 7.2 | Special service conditions | Technical |
| 671022 | 61439:2016 | 7.3 | Conditions during transport, storage and installation | Technical |
| 671023 | 61439:2016 | 8.1.1 | Strength of materials and parts - General | Technical |
| 671024 | 61439:2016 | 8.1.2 | Protection against corrosion | Technical |
| 671025 | 61439:2016 | 8.1.3 | Properties of insulating materials | Technical |
| 671026 | 61439:2016 | 8.1.4 | Resistance to ultra-violet radiation | Technical |
| 671027 | 61439:2016 | 8.1.5 | Mechanical strength | Technical |
| 671028 | 61439:2016 | 8.1.6 | Lifting provision | Technical |
| 671029 | 61439:2016 | 8.2.1 | Degree of protection provided by an ASSEMBLY enclosure - Protection against mechanical impact | Technical |
| 671030 | 61439:2016 | | Protection against contact with live parts, ingress of solid foreign bodies and water | Technical |
| 671031 | 61439:2016 | 8.2.3 | ASSEMBLY with removable parts | Technical |
| 671032 | 61439:2016 | 8.3.1 | Clearances and creepage distances - General | Technical |
| 671033 | 61439:2016 | 8.3.2 | Clearances | Technical |
| 671034 | 61439:2016 | 8.3.3 | Creepage distances | Technical |
| 671035 | 61439:2016 | 8.4.1 | Protection against electric shock - General | Technical |
| 672036 | 61439:2016 | 8.4.2 | Basic protection | Unsafe |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 671037 | 61439:2016 | 8.4.3 | Fault protection | Technical |
| 671038 | 61439:2016 | 8.4.4 | Protection by total insulation | Technical |
| 671039 | 61439:2016 | 8.4.5 | Limitation of steady-state touch current and charge | Technical |
| 671040 | 61439:2016 | 8.4.6 | Operating and servicing conditions | Technical |
| 671041 | 61439:2016 | 8.5.1 | Incorporation of switching devices and components - Fixed parts | Technical |
| 671042 | 61439:2016 | 8.5.2 | Removable parts | Technical |
| 671043 | 61439:2016 | 8.5.3 | Selection of switching devices and components | Technical |
| 671044 | 61439:2016 | 8.5.4 | Installation of switching devices and components | Technical |
| 671045 | 61439:2016 | 8.5.5 | Accessibility | Technical |
| 671046 | 61439:2016 | 8.5.6 | Barriers | Technical |
| 671047 | 61439:2016 | 8.5.7 | Direction of operation and indication of switching positions | Technical |
| 671048 | 61439:2016 | 8.5.8 | Indicator lights and push-buttons | Technical |
| 671049 | 61439:2016 | 8.6.1 | Internal electrical circuits and connections - Main circuits | Technical |
| 671050 | 61439:2016 | 8.6.2 | Auxiliary circuits | Technical |
| 671051 | 61439:2016 | 8.6.3 | Bare and insulated conductors | Technical |
| 671052 | 61439:2016 | 8.6.4 | Selection and installation of non-protected live conductors to reduce the possibility of short-circuits | Technical |
| 671053 | 61439:2016 | 8.6.5 | Identification of the conductors of main and auxiliary circuits | Technical |
| 671054 | 61439:2016 | 8.6.6 | Identification of the protective conductor (PE, PEN) and of the neutral conductor (N) of the main circuits | Technical |
| 671055 | 61439:2016 | 8.7 | Cooling | Technical |
| 671056 | 61439:2016 | 8.8 | Terminals for external conductors | Technical |
| 671057 | 61439:2016 | 9.1.1 | Performance requirements - Dielectric properties - General | Technical |
| 671058 | 61439:2016 | 9.1.2 | Power-frequency withstand voltage | Technical |
| 671059 | 61439:2016 | 9.1.3 | Impulse withstand voltage | Technical |
| 671060 | 61439:2016 | 9.1.4 | Protection of surge protective devices | Technical |
| 671061 | 61439:2016 | 9.2 | Temperature rise limits | Technical |
| 671062 | 61439:2016 | 9.3.1 | Short-circuit protection and short-circuit withstand strength - General | Technical |
| 671063 | 61439:2016 | 9.3.2 | Information concerning short-circuit withstand strength | Technical |
| 671064 | 61439:2016 | 9.3.3 | Relationship between peak current and short-time current | Technical |
| 671065 | 61439:2016 | 9.3.4 | Co-ordination of protective devices | Technical |
| 671066 | 61439:2016 | 9.4 | Electromagnetic compatibility (EMC) | Technical |
| 671067 | 61439:2016 | 10.1 | Design verification - General | Technical |
| 671068 | 61439:2016 | 10.2.1 | Strength of materials and parts | Technical |
| 671069 | 61439:2016 | 10.2.2 | Resistance to corrosion | Technical |
| 671070 | 61439:2016 | 10.2.3 | Properties of insulating materials | Technical |
| 671071 | 61439:2016 | 10.2.4 | Resistance to ultra-violet (UV) radiation | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 671072 | 61439:2016 | 10.2.5 | Lifting | Technical |
| 671073 | 61439:2016 | 10.2.6 | Mechanical impact | Technical |
| 671074 | 61439:2016 | 10.2.7 | Marking | Technical |
| 671075 | 61439:2016 | 10.3 | Degree of protection of ASSEMBLIES | Technical |
| 671076 | 61439:2016 | 10.4 | Clearances and creepage distances | Technical |
| 671077 | 61439:2016 | 10.5.1 | Protection against electric shock and integrity of protective circuits - Effectiveness of the protective circuit | Technical |
| 671078 | 61439:2016 | 10.5.2 | Effective earth continuity between the exposed conductive parts of the ASSEMBLY and the protective circuit | Technical |
| 671079 | 61439:2016 | 10.5.3 | Short-circuit withstand strength of the protective circuit | Technical |
| 671080 | 61439:2016 | 10.6.1 | Incorporation of switching devices and components - General | Technical |
| 671081 | 61439:2016 | 10.6.2 | Electromagnetic compatibility | Technical |
| 671082 | 61439:2016 | 10.7 | Internal electrical circuits and connections | Technical |
| 671083 | 61439:2016 | 10.8 | Terminals for external conductors | Technical |
| 671084 | 61439:2016 | 10.9.1 | Dielectric properties - General | Technical |
| 671085 | 61439:2016 | 10.9.2 | Power-frequency withstand voltage | Technical |
| 671086 | 61439:2016 | 10.9.3 | Impulse withstand voltage | Technical |
| 671087 | 61439:2016 | 10.9.4 | Testing of enclosures made of insulating material | Technical |
| 671088 | 61439:2016 | 10.9.5 | External operating handles of insulating material | Technical |
| 671089 | 61439:2016 | 10.10.1 | Verification of temperature rise - General | Technical |
| 671090 | 61439:2016 | 10.10.2 | Verification by testing | Technical |
| 671091 | 61439:2016 | 10.10.3 | Derivation of ratings for similar variants | Technical |
| 671092 | 61439:2016 | 10.10.4 | Verification assessment | Technical |
| 671093 | 61439:2016 | 10.11.1 | Short-circuit withstand strength - General | Technical |
| 671094 | 61439:2016 | 10.11.2 | Circuits of ASSEMBLIES which are exempted from the verification of the shortcircuit withstand strength | Technical |
| 671095 | 61439:2016 | 10.11.3 | Verification by comparison with a reference design – Utilising a check list | Technical |
| 671096 | 61439:2016 | 10.11.4 | Verification by comparison with a reference design – Utilising calculation | Technical |
| 673097 | 61439:2016 | 10.11.5 | Verification by test | Testing |
| 671098 | 61439:2016 | 10.12 | Electromagnetic compatibility (EMC) | Technical |
| 671099 | 61439:2016 | 10.13 | Mechanical operation | Technical |
| 671100 | 61439:2016 | 11.1 | Routine verification - General | Technical |
| 671101 | 61439:2016 | 11.2 | Degree of protection of enclosures | Technical |
| 671102 | 61439:2016 | 11.3 | Clearances and creepage distances | Technical |
| 671103 | 61439:2016 | 11.4 | Protection against electric shock and integrity of protective circuits | Technical |
| 671104 | 61439:2016 | 11.5 | Incorporation of built-in components | Technical |
| 671105 | 61439:2016 | 11.6 | Internal electrical circuits and connections | Technical |

| Defect number | Defect type | Section/Clause | Defect description | Defect category |
|---|---|---|---|---|
| 671106 | 61439:2016 | 11.7 | Terminals for external conductors | Technical |
| 671107 | 61439:2016 | 11.8 | Mechanical operation | Technical |
| 671108 | 61439:2016 | 11.9 | Dielectric properties | Technical |
| 671109 | 61439:2016 | 11.1 | Wiring, operational performance and function | Technical |