



**CANADIAN STANDARDS  
ASSOCIATION**

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# **Endorsed Standards Report / Le rapport des normes acceptées**

**March 2009 / mars 2009**

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### **Abbreviations/Abréviations**

**ANSI** American National Standards Institute  
**ASTM** American Society for Testing and Materials  
**CCITT** International Telegraph and Telephone Consultative Committee/Comité consultatif internationale télégraphique et téléphonique  
**IEC/CEI** International Electrotechnical Commission/Commission électrotechnique internationale

**IEEE** Institute of Electrical and Electronics Engineers  
**ISO** International Organization for Standardization/  
Organisation internationale de normalisation  
**SAE** Society of Automotive Engineers, Inc.  
**TR** Technical Report



**Communications/Information /  
Informatique et télécommunications**

**ISO 962-1974**

*Information processing — Implementation of the 7-bit coded character set and its 7-bit and 8-bit extensions on 9-track 12.7 MM (0.5 in) magnetic tape*

**ISO 1177-1985**

*Information processing — Character structure for start/stop and synchronous character*

**ISO 2110-1989**

*Information technology — Data communication — 25-pole DTE/DCE interface connector and contact number assignments*

**ISO 6160-1979**

*Programming languages — P/1*



**Electrical/Electronics /  
Électricité et électronique**

**IEC 60085 (1984)**

*Thermal evaluation and classification of electrical insulation*

**IEC 60093 (1980)**

*Methods of test for volume resistivity and surface resistivity of solid electrical insulating materials*

**IEC 60112 (2003)**

*Method for the determination of the proof and the comparative tracking indices of solid insulating materials*

**IEC 60167 (1964)**

*Methods of test for the determination of the insulation resistance of solid insulating materials*

**IEC 60212 (1971)**

*Standard conditions for use prior to and during the testing of solid electrical insulating materials*

**IEC 60216-1 (2001)**

*Electrical insulating materials — Properties of thermal endurance — Part 1: Ageing procedures and evaluation of test results*

**IEC 60216-2 (2005)**

*Guide for the determination of thermal endurance properties of electrical insulating materials. Part 2: Choice of test criteria*

**IEC 60216-3 (2002)**

*Electrical insulating materials — Thermal endurance properties — Part 3: Instructions for calculating thermal endurance characteristics*



**Electrical/Electronics (cont'd) /  
Électricité et électronique (suite)**

**IEC 60216-4-1 (1990)**

*Guide for the determination of thermal endurance properties of electrical insulating materials — Part 4: Ageing ovens. Section 1: Single-chamber ovens*

**IEC 60216-5 (2003)**

*Electrical insulating materials — Thermal endurance properties — Part 5: Determination of Relative Thermal Endurance index (RTE) of an insulating material*

**IEC 60243-1 (1998)**

*Electric strength of insulating materials — Test methods — Part 1: Tests at power frequencies*

**IEC 60243-2 (2001)**

*Electric strength of insulating materials — Test methods — Part 2: Additional requirements for tests using direct voltage*

**IEC 60250 (1969)**

*Recommended methods for the determination of the permittivity and dielectric dissipation factor of electrical insulating materials at power, audio and radio frequencies including metre wavelengths*

**IEC 60343 (1991)**

*Recommended test methods for determining the relative resistance of insulating materials to breakdown by surface discharges*

**IEC 60345 (1971)**

*Method of test for electrical resistance and resistivity of insulating materials at elevated temperatures*

**IEC 60371-1 (2003)**

*Specification for insulating materials based on mica. Part 1: Definitions and general requirements*

**IEC 60371-2 (2004)**

*Specification for insulating materials based on mica. Part 2: Methods of test*

**IEC 60371-3-1 (1984)**

*Specification for insulating materials based on mica, Part 3: Specifications for individual materials. Sheet 1: Commutator separators and materials*

**IEC 60371-3-3 (1983)**

*Specification for insulating materials based on mica, Part 3: Specifications for individual materials. Sheet 3: Specification for rigid mica materials for heating equipment*

**IEC 60377-1 (1973)**

*Recommended methods for the determination of the dielectric properties of insulating materials at frequencies above 300 MHz — Part 1: General*

**IEC 60377-2 (1977)**

*Recommended methods for the determination of dielectric properties of insulating materials at frequencies above 300 MHz, Part 2: Resonance methods*

**IEC 60394-1 (1972)**

*Varnished fabrics for electrical purposes — Part 1: Definitions and general requirements*

**IEC 60394-2 (1972)**

*Varnished fabrics for electrical purposes — Part 2: Methods of test*

**Electrical/Electronics (cont'd) /  
Électricité et électronique (suite)****IEC 60394-3-1 (1976)**

*Varnished fabrics for electrical purposes — Part 3: Specifications for individual materials, Sheet 1: Oleoresinous varnish-cotton base, OR/C*

**IEC 60394-3-2 (1988)**

*Varnished fabrics for electrical purposes — Part 3: Specifications for individual materials — Sheet 2: Glass-fabric based varnished fabrics with epoxy, polyurethane, silicone, polyester, bituminous or oleoresinous varnish*

**IEC 60426 (1973)**

*Test methods for determining electrolytic corrosion with insulating materials*

**IEC 60450 (2004)**

*Measurement of the average viscometric degree of polymerization of new and aged electrical papers*

**IEC 60454-1 (1992)**

*Specifications for pressure-sensitive adhesive tapes for electrical purposes — Part 1: General requirements*

**IEC 60454-2 (1994)**

*Specifications for pressure-sensitive adhesive tapes for electrical purposes — Part 2: Methods of test*

**IEC 60454-3-1 (2001)**

*Pressure-sensitive adhesive tapes for electrical purposes — Part 3: Specifications for individual materials — Sheet 1: PVC film tapes with pressure sensitive adhesive*

**IEC 60454-3-2 (1998)**

*Pressure-sensitive adhesive tapes for electrical purposes — Part 3: Specifications for individual materials — Sheet 2: Polyester film tapes with rubber thermosetting or acrylic crosslinked adhesives*

**IEC 60454-3-3 (1998)**

*Pressure-sensitive adhesive tapes for electrical purposes — Part 3: Specifications for individual materials — Sheet 3: Polyester film tapes with rubber thermoplastic adhesive*

**IEC 60454-3-4 (1998)**

*Pressure-sensitive adhesive tapes for electrical purposes — Part 3: Specifications for individual materials — Sheet 4: Cellulosic paper, creped, with rubber thermosetting adhesive*

**IEC 60454-3-5 (1998)**

*Pressure-sensitive adhesive tapes for electrical purposes — Part 3: Specifications for individual materials — Sheet 5: Cellulosic paper, non-creped, with rubber thermosetting adhesive*

**IEC 60454-3-6 (1998)**

*Pressure-sensitive adhesive tapes for electrical purposes — Part 3: Specifications for individual materials — Sheet 6: Polycarbonate film tapes with acrylic thermoplastic adhesive*

**IEC 60454-3-7 (1998)**

*Pressure-sensitive adhesive tapes for electrical purposes — Part 3: Specifications for individual materials — Sheet 7: Polyimide film tapes with pressure-sensitive adhesive*



**Electrical/Electronics (cont'd) /  
Électricité et électronique (suite)**

**IEC 60454-3-8 (1998)**

*Pressure-sensitive adhesive tapes for electrical purposes — Part 3: Specifications for individual materials — Sheet 8: Glass fabric with pressure-sensitive adhesive*

**IEC 60455-1 (1998)**

*Resin based reactive compounds used for electrical insulation — Part 1: Definitions and general requirements*

**IEC 60455-2 (1998)**

*Resin based reactive compounds used for electrical insulation — Part 2: Methods of test*

**IEC 60455-2-2 (1984)**

*Specification for solventless polymerisable resinous compounds used for electrical insulation. Part 2: Methods of test, Sheet 2: Test methods for coating powders for electrical purposes*

**IEC 60455-3-1 (2003)**

*Resin based reactive compounds used for electrical insulation — Part 3: Specifications for individual materials — Sheet 1: Unfilled epoxy resinous compounds*

**IEC 60455-3-2 (2003)**

*Resin based reactive compounds used for electrical insulation — Part 3: Specifications for individual materials — Sheet 2: Quartz filled epoxy resinous compounds*

**IEC 60455-3-3 (2003)**

*Resin based reactive compounds used for electrical insulation — Part 3: Specifications for individual materials — Sheet 3: Unfilled polyurethane compounds*

**IEC 60455-3-4 (2003)**

*Resin based reactive compounds used for electrical insulation — Part 3: Specifications for individual materials — Sheet 4: Filled polyurethane compounds*

**IEC 60455-3-5 (2001)**

*Resin based reactive compounds used for electrical insulation — Part 3: Specifications for individual materials — Sheet 5: Unsaturated polyester based impregnating resins*

**IEC 60455-3-11 (1988)**

*Specification for solventless polymerisable resinous compounds used for electrical insulation. Part 3: Specification for individual materials, Sheet 11: Epoxy resin-based coating powders*

**IEC 60464-1 (1998)**

*Varnishes used for electrical insulation — Part 1: Definitions and general requirements*

**IEC 60464-2 (2001)**

*Varnishes used for electrical insulation — Part 2: Methods of test*

**IEC 60464-2-AM1 (2006)**

*Varnishes used for electrical insulation — Part 2: Methods of test — Amendment 1*

**IEC 60464-3-1 (2001)**

*Varnishes used for electrical insulation — Part 3: Specifications for individual materials — Sheet 1: Ambient curing finishing varnishes*

**Electrical/Electronics (cont'd) /  
Électricité et électronique (suite)****IEC 60464-3-1-AM1 (2006)**

*Varnishes used for electrical insulation — Part 3: Specifications for individual materials — Sheet 1: Ambient curing finishing varnishes — Amendment 1*

**IEC 60464-3-2 (2001)**

*Varnishes used for electrical insulation — Part 3: Specifications for individual materials — Sheet 2: Hot curing impregnating varnishes*

**IEC 60464-3-2-AM1 (2006)**

*Varnishes used for electrical insulation — Part 3: Specifications for individual materials — Sheet 2: Hot curing impregnating varnishes — Amendment 1*

**IEC 60493-1 (1974)**

*Guide for the statistical analysis of ageing test data, Part 1: Methods based on mean values of normally distributed test results*

**IEC 60544-1 (1994)**

*Guide for determining the effects of ionizing radiation on insulating materials — Part 1: Radiation interaction and dosimetry*

**IEC 60544-2 (1991)**

*Guide for determining the effects of ionizing radiation on insulating materials — Part 2: Procedures for irradiation and test*

**IEC 60544-4 (2003)**

*Electrical insulating materials — Determining the effects of ionizing radiation — Part 4: Classification system for service in radiation environments*

**IEC 60544-5 (2003)**

*Electrical insulating materials — Determining the effects of ionizing radiation — Part 5: Procedures for assessment of ageing in service*

**IEC 60554-1 (1977)**

*Specification for cellulosic papers for electrical purposes, Part 1: Definitions and general requirements*

**IEC 60554-2 (2001)**

*Cellulosic papers for electrical purposes — Part 2: Methods of test*

**IEC 60554-3-1 (1979)**

*Specification for cellulosic papers for electrical purposes. Part 3: Specifications for individual materials, Sheet 1: General purpose electrical paper*

**IEC 60554-3-2 (1983)**

*Specification for cellulosic papers for electrical purposes. Part 3: Specifications for individual materials. Sheet 2: Capacitor paper*

**IEC 60554-3-3 (1980)**

*Specification for cellulosic papers for electrical purposes, Part 3: Specifications for individual materials, Sheet 3: Crepe paper*

**IEC 60554-3-4 (1979)**

*Specification for cellulosic papers for electrical purposes. Part 3: Specifications for individual materials, Sheet 4: Electrolytic capacitor paper*



**Electrical/Electronics (cont'd) /  
Électricité et électronique (suite)**

**IEC 60554-3-5 (1984)**

*Specification for cellulosic papers for electrical purposes. Part 3: Specifications for individual materials, Sheet 5: Special papers*

**IEC 60587 (1984)**

*Test methods for evaluating resistance to tracking and erosion of electrical insulating materials used under severe ambient conditions*

**IEC 60589 (1977)**

*Methods of test for the determination of ionic impurities in electrical insulating materials by extraction with liquids*

**IEC 60626-1 (1995)**

*Combined flexible materials for electrical insulation — Part 1: Definitions and general requirements*

**IEC 60626-1-AM1 (1996)**

*Combined flexible materials for electrical insulation — Part 1: Definitions and general requirements - Amendment 1*

**IEC 60626-2 (1995)**

*Specification for combined flexible materials for electrical insulation — Part 2: Methods of test*

**IEC 60626-3 (2002)**

*Combined flexible materials for electrical insulation — Part 3: Specifications for individual materials*

**IEC 60641-1 (1979)**

*Specification for pressboard and presspaper for electrical purposes. Part 1: Definitions and general requirements*

**IEC 60641-1-AM1 (1993)**

*Specification for pressboard and presspaper for electrical purposes. Part 1: Definitions and general requirements — Amendment 1*

**IEC 60641-2 (2004)**

*Specification for pressboard and presspaper for electrical purposes. Part 2: Methods of test*

**IEC 60648 (1979)**

*Method of test for coefficients of friction of plastic film and sheeting for use as electrical insulation*

**IEC 60667-1 (1980)**

*Specification for vulcanized fibre for electrical purposes. Part 1: Definitions and general requirements*

**IEC 60667-2 (1982)**

*Specification for vulcanized fibre for electrical purposes. Part 2: Methods of test*

**IEC 60667-3-1 (1986)**

*Specification for vulcanized fibre for electrical purposes. Part 3: Specifications for individual materials. Sheet 1: Flat sheets*

**Electrical/Electronics (cont'd) /  
Électricité et électronique (suite)****IEC 60672-1 (1995)**

*Ceramic and glass insulating materials — Part 1: Definitions and classification*

**IEC 60672-2 (1999)**

*Ceramic and glass insulating materials — Part 2: Methods of test*

**IEC 60672-3 (1997)**

*Ceramic and glass insulating materials — Part 3: Specifications for individual materials*

**IEC 60674-1 (1980)**

*Specification for plastic films for electrical purposes. Part 1: Definitions and general requirements*

**IEC 60674-2 (1988)**

*Specification for plastic films for electrical purposes. Part 2: Methods of test*

**IEC 60674-2-AM1 (2001)**

*Specification for plastic films for electrical purposes. Part 2: Methods of test — Amendment 1*

**IEC 60684-1 (2003)**

*Specification for flexible insulating sleeving — Part 1: Definitions and general requirements*

**IEC 60684-2 (1997)**

*Flexible insulating sleeving — Part 2: Methods of test*

**IEC 60684-2-AM1 (2003)**

*Flexible insulating sleeving — Part 2: Methods of test — Amendment 1*

**IEC 60684-3-100 to 105 (2001)**

*Flexible insulating sleeving — Part 3: Specifications for individual types of sleeving — Sheets 100 to 105: Extruded PVC sleeving*

**IEC 60684-3-121 to 124 (2001)**

*Flexible insulating sleeving — Part 3: Specifications for individual types of sleeving — Sheets 121 to 124: Extruded silicone sleeving*

**IEC 60684-3-209 (2003)**

*Specification for flexible insulating sleeving. Part 3: Specification requirements for individual types of sleeving. Sheet 209: Heat shrinkable sleeving general purpose, flame retarded polyolefin shrink ratio 2:1*

**IEC 60684-3-300 (2003)**

*Flexible insulating sleeving — Part 3: Specifications for individual types of sleeving — Sheet 300: Glass textile fibre sleeving, braided, uncoated*

**IEC 60684-3-320 (2002)**

*Flexible insulating sleeving — Part 3: Specifications for individual types of sleeving — Sheet 320: Polyethylene Terephthalate Textile Sleeving, Lightly Impregnated*

**IEC 60684-3-406 to 408 (2003)**

*Flexible insulating sleeving. Part 3: Specification requirements for individual types of sleeving. Sheets 406 to 408: Glass textile sleeving with PVC based coating*

**IEC 60763-1 (1983)**

*Specification for laminated pressboard. Part 1: Definitions, classification and general requirements*



**Electrical/Electronics (cont'd) /  
Électricité et électronique (suite)**

**IEC 60819-1 (1995)**

*Non-cellulosic papers for electrical purposes — Part 1: Definitions and general requirements*

**IEC 60819-1-AM1 (1996)**

*Non-cellulosic papers for electrical purposes — Part 1: Definitions and general requirements —  
Amendment 1*

**IEC 60893-1 (2003)**

*Specification for industrial rigid laminated sheets based on thermosetting resins for electrical  
purposes. Part 1: Definitions, designations and general requirements*

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**Life Sciences /  
Sciences de la vie**

**ISO 704:2000**

*Terminology work — Principles and methods*

**ISO 1087-1:2000**

*Terminology work — Vocabulary — Part 1: Theory and application*