



Standards Council of Canada
Conseil canadien des normes

Standards Council of Canada

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Canada

SCOPE OF ACCREDITATION

GE Multilin Inc
GE Multilin Test Laboratory
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Accredited Laboratory No. 805
(Conforms with requirements of ISO/IEC 17025:2005)

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CLIENTS SERVED: Internal Customer Only

FIELDS OF TESTING: Electrical/Electronic

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ELECTRICAL PRODUCTS AND ELECTRONIC PRODUCTS

Electromagnetic Compatibility and Interference: EMC and EMI

Immunity, Emissions, Environmental, Mechanical, and Safety

CISPR 11	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics – Limits and methods of measurement - Limitation: Applicable only to small EUT' s as described Section 3.1
CISPR 22	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement – Limitation: Applicable only above 1GHz
IEC 60068-2-1	Environmental testing – Part 2-1: Tests - Test A :Cold
IEC 60068-2-2	Environmental testing – Part 2-2: Tests - Test B :Dry heat
IEC 60068-2-30	Environmental testing – Part 2-30: Tests - Part 2 :Test Db: Damp heat, cyclic (12h +12h cycle)
IEC 60255-21-1	Electrical relays Part 21: Vibration, shock, bump and seismic tests on measuring relays and protection equipment - Section One – Vibration tests (sinusoidal)
IEC 60255-21-2	Electrical relays Part 21: Vibration, shock, bump and seismic tests on measuring relays and protection equipment - Section 3: Seismic tests
IEC 60255-21-3	Electrical Relays Part 21:Section three (Seismic tests)
IEC / EN 60255-26	Measuring Relays and Protection Equipment Part 26: Electromagnetic compatibility Requirements
IEC / EN 60255-27	Measuring relays and protection equipment Part 27: Product safety requirements - Limitations: Flammability of insulating materials by material classification only
IEC 60529	Degrees of protection provided by enclosures - Limitation: Applicable up to IP 4X only
IEC 61000-4-2	Electromagnetic compatibility (EMC) - Part 4-2:Testing and measurement techniques - Electrostatic discharge immunity test
IEC 61000-4-3	Electromagnetic compatibility (EMC)-Part 4-3: Testing and measurement techniques - Radiated ,radio-frequency, electromagnetic field immunity test - Limitation: Applicable only up to Level 3 or 20 V/m
IEC 61000-4-4	Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test
IEC 61000-4-5	Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test



IEC 61000-4-6	Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields
IEC 61000-4-8	Electromagnetic compatibility (EMC) - Part 4-8: Testing and measurement techniques - Power Frequency Magnetic Field immunity test
IEC 61000-4-9	Electromagnetic compatibility (EMC) - Part 4-9: Testing and measurement techniques - Pulse magnetic field immunity test
IEC 61000-6-2	Electromagnetic compatibility (EMC) – Part 6-2 Generic standards – Immunity for industrial environments.
IEC 61000-6-4	Electromagnetic compatibility (EMC) – Part 6-4 Generic standards – Emission standard for industrial environments.
IEC 61326-1	Electrical equipment for measurement, control and laboratory use- EMC requirements – Part 1: General requirements
IEC 61000-4-10	Electromagnetic compatibility (EMC) - Part 4-10: Testing and measurement techniques – Damped oscillatory magnetic field immunity test
IEC 61000-4-11	Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short Interruptions and voltage variations immunity tests
IEC 61000-4-17	Electromagnetic compatibility (EMC) - Part 4-17: Testing and measurement techniques – Ripple on d.c. input power port immunity test
IEC 61000-4-18	Electromagnetic compatibility (EMC) - Part 4-18: Testing and measurement techniques - Damped oscillatory wave immunity test
IEC 61000-4-29	Electromagnetic compatibility (EMC) - Part 4-29: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations on D.C. input power port immunity tests
IEEE C37.90.1	IEEE Standard for Surge Withstand Capability (SWC) Tests for Relays and Relay Systems Associated with Electric Power Apparatus - 5.1 Oscillatory SWC test; 5.2 Fast Transient SWC test
IEEE C37.90.2	IEEE Standard for Withstand Capability of Relay Systems and Radiated Electromagnetic Interference from Transceivers
IEEE C37.90.3	IEEE Standard Electrostatic Discharge Tests for Protective Relays

Notes:

ISO/IEC 17025-2005: General Requirements for the Competence of Testing and Calibration Laboratories



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Elias Rafoul, Vice President
Accreditation Services

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