



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

ELECTRONICS REGIONAL TEST LABORATORY (EAST)

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

BLOCK DN 63, SECTOR V, SALT LAKE, KOLKATA, 24 PARGANAS (N), WEST BENGAL, INDIA

in the field of

TESTING

Certificate Number: TC-5637

Issue Date: 14/03/2023

Valid Until:

13/03/2025

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : ELECTRONICS REGIONAL TEST LABORATORY (EAST)

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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| Laboratory Name : | ELECTRONICS REGIONAL TEST LABORATORY (EAST), BLOCK DN 63, SECTOR V, SALT LAKE, KOLKATA, 24 PARGANAS (N), WEST BENGAL, INDIA | | |
| Accreditation Standard | ISO/IEC 17025:2017 | | |
| Certificate Number | TC-5637 | Page No | 1 of 43 |
| Validity | 14/03/2023 to 13/03/2025 | Last Amended on | 04/05/2023 |

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|--------------------|-------------------------------|------------------------------|--|--|
| Permanent Facility | | | | |
| 1 | ELECTRICAL- CELLS & BATTERIES | Battery | Acid Retention Capacity Test on Separators | Clause no. 12.7 of IS 15549 |
| 2 | ELECTRICAL- CELLS & BATTERIES | Battery | Air Pressure Test | Clause no. 7.15 of RDSO IRS : S : 88 |
| 3 | ELECTRICAL- CELLS & BATTERIES | Battery | Ampere-hour and watt-hour efficiency tests | Clause no. 10.10 of IS 1652 |
| 4 | ELECTRICAL- CELLS & BATTERIES | Battery | Ampere-hour and watt-hour efficiency tests | Clause no. 11.8 of IS 13369 |
| 5 | ELECTRICAL- CELLS & BATTERIES | Battery | Ampere-hour and watt-hour efficiency tests | Clause no. 12.4 and 12.5 of IS 15549 |
| 6 | ELECTRICAL- CELLS & BATTERIES | Battery | Ampere-hour and watt-hour efficiency tests | Clause no. 12.9 of IS 1651 |
| 7 | ELECTRICAL- CELLS & BATTERIES | Battery | Ampere-hour and watt-hour efficiency tests | Clause no. 7.8 of RDSO IRS : S: 88 |
| 8 | ELECTRICAL- CELLS & BATTERIES | Battery | Capacity | Clause no. 12.1 and 12.2 of IS 15549 |
| 9 | ELECTRICAL- CELLS & BATTERIES | Battery | Capacity Test | Clause no. 8.1 of IS 16270 |
| 10 | ELECTRICAL- CELLS & BATTERIES | Battery | Cycling Endurance in Photovoltaic Application | Clause no. 8.4 of IS 16270 |
| 11 | ELECTRICAL- CELLS & BATTERIES | Battery | Endurance and Life Test | Clause no. 7.7 & 7.10 of RDSO IRS : S : 88 |
| 12 | ELECTRICAL- CELLS & BATTERIES | Battery | Endurance Life Cycle Test | Clause no. 12.10 of IS 15549 |
| 13 | ELECTRICAL- CELLS & BATTERIES | Battery | Endurance Test | Clause no. 10.9 of IS 1652 |
| 14 | ELECTRICAL- CELLS & BATTERIES | Battery | Endurance Test | Clause no. 11.7 of IS 13369 |
| 15 | ELECTRICAL- CELLS & BATTERIES | Battery | Endurance Test | Clause no. 12.8 of IS 1651 |
| 16 | ELECTRICAL- CELLS & BATTERIES | Battery | Endurance Test | Clause no. 8.2 of IS 16270 |
| 17 | ELECTRICAL- CELLS & BATTERIES | Battery | Equilibrium Float Current Test | Clause no. 11.10 of IS 13369 |
| 18 | ELECTRICAL- CELLS & BATTERIES | Battery | Equilibrium Float Current Test | Clause no. 7.13 of RDSO IRS : S : 88 |



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| 19 | ELECTRICAL- CELLS & BATTERIES | Battery | Internal Resistance | Clause no. 10.14 of IS 1652 |
| 20 | ELECTRICAL- CELLS & BATTERIES | Battery | Loss of Water Test | Clause no. 10.12 of IS 1652 |
| 21 | ELECTRICAL- CELLS & BATTERIES | Battery | Short Circuit Current | Clause no. 12.13 of IS 1651 |
| 22 | ELECTRICAL- CELLS & BATTERIES | Battery | Sulphation Test | Clause no. 7.14 of RDSO IRS : S : 88 |
| 23 | ELECTRICAL- CELLS & BATTERIES | Battery | Sulphation Test | Clause no. 8.5 of IS 16270 |
| 24 | ELECTRICAL- CELLS & BATTERIES | Battery | Test for Capacity | Clause no. 10.6 of IS 1652 |
| 25 | ELECTRICAL- CELLS & BATTERIES | Battery | Test for Capacity | Clause no. 11.5 of IS 13369 |
| 26 | ELECTRICAL- CELLS & BATTERIES | Battery | Test for Capacity | Clause no. 12.5 of IS 1651 |
| 27 | ELECTRICAL- CELLS & BATTERIES | Battery | Test for Capacity | Clause no. 7.5 of RDSO IRS : S : 88 |
| 28 | ELECTRICAL- CELLS & BATTERIES | Battery | Test for Loss of Capacity on Storage (Retention of Charge) | Clause no. 10.8 of IS 1652 |
| 29 | ELECTRICAL- CELLS & BATTERIES | Battery | Test for Loss of Capacity on Storage (Retention of Charge) | Clause no. 11.6 of IS 13369 |
| 30 | ELECTRICAL- CELLS & BATTERIES | Battery | Test for Loss of Capacity on Storage (Retention of Charge) | Clause no. 12.6 of IS 15549 |
| 31 | ELECTRICAL- CELLS & BATTERIES | Battery | Test for Loss of Capacity on Storage (Retention of Charge) | Clause no. 12.7 of IS 1651 |
| 32 | ELECTRICAL- CELLS & BATTERIES | Battery | Test for Loss of Capacity on Storage (Retention of Charge) | Clause no. 7.6 & 7.11 of RDSO IRS : S : 88 |
| 33 | ELECTRICAL- CELLS & BATTERIES | Battery | Test for Loss of Capacity on Storage (Retention of Charge) | Clause no. 8.3 of IS 16270 |
| 34 | ELECTRICAL- CELLS & BATTERIES | Battery | Test for Suitability of Floating Battery Operation | Clause no. 10.13 of IS 1652 |
| 35 | ELECTRICAL- CELLS & BATTERIES | Battery | Test for Suitability of Floating Battery Operation | Clause no. 12.12 of IS 1651 |
| 36 | ELECTRICAL- CELLS & BATTERIES | Battery | Verification of dimensions | Clause no. 11.4 of IS 13369 |
| 37 | ELECTRICAL- CELLS & BATTERIES | Battery | Verification of dimensions | Clause no. 12.4 of IS 1651 |



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| 38 | ELECTRICAL- CELLS & BATTERIES | Battery | Verification of dimensions | Clause no. 6 & Table 2 of IS 1652 |
| 39 | ELECTRICAL- CELLS & BATTERIES | Battery | Verification of dimensions | Clause no. 7.4 of RDSO IRS : S : 88/2004 |
| 40 | ELECTRICAL- CELLS & BATTERIES | Battery | Water Loss Test | Clause no. 11.9 of IS 13369 |
| 41 | ELECTRICAL- CELLS & BATTERIES | Battery | Water Loss Test | Clause no. 12.11 of IS 1651 |
| 42 | ELECTRICAL- CELLS & BATTERIES | Battery | Water Loss Test | Clause no. 7.12 of RDSO IRS : S : 88 |
| 43 | ELECTRICAL- CELLS & BATTERIES | Battery | Water Loss Test | Clause no. 8.6 of IS 16270 |
| 44 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Damp Heat cyclic Test | Cl. No.: 12.6.3 & 6 of IS 14697 |
| 45 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Dry Heat Test | Cl. No.: 12.6.1 of IS 14697 |
| 46 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Fast Transient burst test | Cl. No.: 12.8.4 of IS 14697 |
| 47 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Impulse Voltage Test | Cl. No.: 12.7.6.2 & 6 of IS 14697 |
| 48 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Influence of short time over currents | Cl. No.: 12.7.3 of IS 14697 |
| 49 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Influence of supply voltage | Cl. No.: 12.7.2 of IS 14697 |
| 50 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Insulation Test | Cl. No.: 12.7.6.4 & 6 of IS 14697 |



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| 51 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Interpretation of test results | Cl. No.: 12.15 of IS 14697 |
| 52 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Protection against Penetration of dust and water | Cl. No.: 12.5 & 6 of IS 14697 |
| 53 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Radio interference measurements | Cl. No.: 12.8.6 of IS 14697 |
| 54 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Shock Test | Cl. No.: 12.3.1 of IS 14697 |
| 55 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Spring Hammer Test | Cl. No.: 12.3.3 of IS 14697 |
| 56 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Surge Immunity Test | Cl. No.: 12.8.5 of IS 14697 |
| 57 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Test of ambient temperature influence | Cl. No.: 12.11 of IS 14697 |
| 58 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Test of immunity to earth/phase fault | Cl. No.: 12.17 of IS 14697 |
| 59 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Test of Immunity to electromagnetic HF field | Cl. No.: 12.8.3 of IS 14697 |
| 60 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Test of Immunity to electrostatic discharges | Cl. No.: 12.8.2 of IS 14697 |
| 61 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Test of Influence of heating | Cl. No.: 12.7.5 & 6 of IS 14697 |



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| 62 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Test of Influence of self heating | Cl. No.: 12.7.4 of IS 14697 |
| 63 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Test of influence quantities | Cl. No.: 12.10 of IS 14697 |
| 64 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Test of Meter Constant | Cl. No.: 12.14 of IS 14697 |
| 65 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Test of no- load condition | Cl. No.: 12.12 of IS 14697 |
| 66 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Test of power consumption | Cl. No.: 12.7.1 of IS 14697 |
| 67 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Test of repeatability of error | Cl. No.: 12.16 of IS 14697 |
| 68 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Test of resistance to heat & fire | Cl. No.: 12.4 & 6 of IS 14697 |
| 69 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Test of starting condition | Cl. No.: 12.13 of IS 14697 |
| 70 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Test on Limits of Error | Cl. No.: 11.1 & 7 of IS 14697 |
| 71 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Vibration Test | Cl. No.: 12.3.2 of IS 14697 |
| 72 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | Visual Inspection | Cl No. 7 of IS 14697 |



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| 73 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Cold Test | Cl. No.: 12.6.2 OF IS 13779(AMD.5) |
| 74 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Damp Heat Cyclic Test | Cl. No.: 12.6.3 & 6 of IS 13779(AMD.5) |
| 75 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Dry Heat Test | Cl. No.: 12.6.1 OF IS 13779(AMD.5) |
| 76 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Fast Transient burst test | Cl. No.: 12.9.4 of IS 13779(AMD.5) |
| 77 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Interpretation of test results | Cl. No.: 12.16 of IS 13779(AMD.5) |
| 78 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Protection against Penetration of dust and water | Cl. No.: 12.5 & 6 of IS 13779(AMD.5) |
| 79 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Radio interference measurements | Cl. No.:12.9.5 of IS 13779 (AMD.5) |
| 80 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Shock Test | Cl. No.: 12.3.1 of IS 13779(AMD.5) |
| 81 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Spring Hammer Test | Cl. No.: 12.3.3 OF IS 13779(AMD.5) |
| 82 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of Influence of supply voltage | Cl. No.: 12.7.2 of IS 13779(AMD.5) |
| 83 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of ambient temperature influence | Cl. No.: 12.12 of IS 13779(AMD.5) |



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| 84 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of Immunity to electromagnetic HF field | Cl. No.: 12.9.3 of IS 13779(AMD.5) |
| 85 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of Immunity to electrostatic discharge | Cl. No.: 12.9.2 of IS 13779 (AMD.5) |
| 86 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of Influence of heating | Cl. No.: 12.7.5 & 6 of IS 13779(AMD.5) |
| 87 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of Influence of self heating | Cl. No.: 12.7.4 of IS 13779(AMD.5) |
| 88 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of influence quantities | Cl. No.: 12.11 of IS 13779(AMD.5) |
| 89 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of Influence short-time overcurrents | Cl. No.: 12.7.3 of IS 13779(AMD.5) |
| 90 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of Meter Constant | Cl. No.: 12.15 of IS 13779(AMD.5) |
| 91 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of no- load condition | Cl. No.: 12.13 of IS 13779(AMD.5) |
| 92 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of power consumption | Cl. No.: 12.7.1 of IS 13779(AMD.5) |
| 93 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of repeatability of error | Cl. No.: 12.17 of IS 13779(AMD.5) |
| 94 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of resistance to heat & fire | Cl. No.: 12.4 & 6 of IS 13779(AMD.5) |



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| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
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| 95 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of starting condition | Cl. No.: 12.14 of IS 13779(AMD.5) |
| 96 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Vibration Test (sine) | Cl. No.: 12.3.2 of IS 13779(AMD.5) |
| 97 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Insulation test | Cl. No.: 12.7.6.4 & 6 of IS 13779 (AMD.5) |
| 98 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test on Limits of Error | Cl. No.: 11.1 & 7 of IS 13779(AMD.5) |
| 99 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Three Phase | Test of immunity to earth / phase fault | Cl. No.: 12.8 of IS 13779(AMD.5) |
| 100 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | AC High Voltage Test | Cl. No.: 12.7.6.3 & 6 of IS 14697(AMD.4) |
| 101 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Cold Test | Cl. No.: 12.6.2 of IS 14697(AMD.4) |
| 102 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Damp Heat Cyclic Test | Cl. No.: 12.6.3 & 6 of IS 14697(AMD.4) |
| 103 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Dry Heat Test | Cl. No.: 12.6.1 of IS 14697(AMD.4) |
| 104 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Fast Transient burst test | Cl. No.: 12.8.4 of IS 14697 (AMD.4) |
| 105 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Impulse Voltage Test | Cl. No.: 12.7.6.2 & 6 of IS 14697(AMD.4) |



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| Laboratory Name : | ELECTRONICS REGIONAL TEST LABORATORY (EAST), BLOCK DN 63, SECTOR V, SALT LAKE, KOLKATA, 24 PARGANAS (N), WEST BENGAL, INDIA | | |
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| 106 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Influence of short time over currents | Cl. No.: 12.7.3 of IS 14697(AMD.4) |
| 107 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Influence of supply voltage | Cl. No.: 12.7.2 of IS 14697(AMD.4) |
| 108 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Insulation Test | Cl. No.: 12.7.6.4 & 6 of IS 14697(AMD.4) |
| 109 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Interpretation of test results | Cl. No.: 12.15 of IS 14697(AMD.4) |
| 110 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Protection against Penetration of dust and water | Cl. No.: 12.5 & 6 of IS 14697(AMD.4) |
| 111 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Radio interference measurements | Cl. No.: 12.8.5 of IS 14697(AMD.4) |
| 112 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Shock Test | Cl. No.: 12.3.1 of IS 14697(AMD.4) |
| 113 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Spring Hammer Test | Cl. No.: 12.3.3 of IS 14697(AMD.4) |
| 114 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Test of ambient temperature influence | Cl. No.: 12.11 of IS 14697(AMD.4) |
| 115 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Test of immunity to earth / phase fault | Cl. No.: 12.17 of IS 14697(AMD.4) |
| 116 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Test of Immunity to electromagnetic HF field | Cl. No.: 12.8.3 of IS 14697(AMD.4) |



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| 117 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Test of Immunity to electrostatic discharge | Cl. No.: 12.8.2 of IS 14697 (AMD.4) |
| 118 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Test of Influence of heating | Cl. No.: 12.7.5 & 6 of IS 14697(AMD.4) |
| 119 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Test of Influence of self heating | Cl. No.: 12.7.4 of IS 14697(AMD.4) |
| 120 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Test of influence quantities | Cl. No.: 12.10 of IS 14697(AMD.4) |
| 121 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Test of Meter Constant | Cl. No.: 12.14 of IS 14697(AMD.4) |
| 122 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Test of no- load condition | Cl. No.: 12.12 of IS 14697(AMD.4) |
| 123 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Test of power consumption | Cl. No.: 12.7.1 of IS 14697(AMD.4) |
| 124 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Test of repeatability of error | Cl. No.: 12.16 of IS 14697(AMD.4) |
| 125 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Test of resistance to heat & fire | Cl. No.: 12.4 & 6 of IS 14697(AMD.4) |
| 126 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Test of starting condition | Cl. No.: 12.13 of IS 14697(AMD.4) |
| 127 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Test on Limits of Error | Cl. No.: 11.1 & 7 of IS 14697(AMD.4) |



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| 128 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S | Vibration Test | Cl. No.: 12.3.2 of IS 14697(AMD.4) |
| 129 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S,0.5S AND 1.0 | Cold Test | Cl. No.: 12.6.2 of IS 14697 |
| 130 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC TRANSFORMER OPERATED WATTHOUR METERS (Class 0.2S and 0.5S) AND VAR-HOUR METERS (Class 0.2S ,0.5S and 1S) | AC High Voltage Test | Cl. No.: 12.7.6.3 & 6 of IS 14697 |
| 131 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS Class 1 & 2 (Single & Three Phase) | Impulse Voltage Test | Cl. No.: 12.7.6.2 & 6 of IS 13779 (AMD.5) |
| 132 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS, CLAS 1 AND 2 Single & three phase | ac High Voltage test | CL. 12.7.6.3 & 6 of IS 13779(AMD.5) |
| 133 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS, CLAS 1 AND 2 Single & three phase | ac High Voltage test | CL. 12.7.6.3 & 6 of IS 13779 |
| 134 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Cold Test | Cl. No.: 12.6.2 OF IS 13779 |
| 135 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Damp Heat Cyclic Test | Cl. No.: 12.6.3 & 6 of IS 13779 |
| 136 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Dry Heat Test | Cl. No.: 12.6.1 OF IS 13779 |
| 137 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Fast Transient burst test | Cl. No.: 12.9.4 of IS 13779 |
| 138 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Impulse Voltage Test | Cl. No.: 12.7.6.2 & 6 of IS 13779 |



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| 139 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Insulation test | Cl. No.: 12.7.6.4 & 6 of IS 13779 |
| 140 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Interpretation of test results | Cl. No.: 12.16 of IS 13779 |
| 141 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Protection against Penetration of dust and water | Cl. No.: 12.5 & 6 of IS 13779 |
| 142 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Radio interference measurement | Cl. No.:12.9.6 of IS 13779 |
| 143 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Shock Test | Cl. No.: 12.3.1 of IS 13779 |
| 144 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Spring Hammer Test | Cl. No.: 12.3.3 OF IS 13779 |
| 145 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Surge Immunity Test | Cl. No.: 12.9.5 of IS 13779 |
| 146 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of ambient temperature influence | Cl. No.: 12.12 of IS 13779 |
| 147 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of Immunity to electromagnetic HF field | Cl. No.: 12.9.3 of IS 13779 |
| 148 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of Immunity to electrostatic discharges | Cl. No.: 12.9.2 of IS 13779 |
| 149 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of Influence of heating | Cl. No.: 12.7.5 & 6 of IS 13779 |



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| 150 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of Influence of self heating | Cl. No.: 12.7.4 of IS 13779 |
| 151 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of Influence of supply voltage | Cl. No.: 12.7.2 of IS 13779 |
| 152 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of influence quantities | Cl. No.: 12.11 of IS 13779 |
| 153 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of Influence short-time overcurrents | Cl. No.: 12.7.3 of IS 13779 |
| 154 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of Meter Constant | Cl. No: 12.15 of IS 13779 |
| 155 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of no- load condition | Cl. No.: 12.13 of IS 13779 |
| 156 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of power consumption | Cl. No.: 12.7.1 of IS 13779 |
| 157 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of repeatability of error | Cl. No.: 12.17 of IS 13779 |
| 158 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of resistance to heat & fire | Cl. No.: 12.4 & 6 of IS 13779 |
| 159 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test of starting condition | Cl. No.: 12.14 of IS 13779 |
| 160 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Test on Limits of Error | Cl. No.: 11.1 & 7 of IS 13779 |



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| 161 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Vibration Test | Cl. No.: 12.3.2 of IS 13779 |
| 162 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Visual Inspection | Cl. No.: 7 of IS 13779 |
| 163 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Single & Three Phase | Visual Inspection | Cl. No.: 7 of IS 13779 (AMD.5): |
| 164 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | ac STATIC WATTHOUR METERS; Class: 1 & 2; Three Phase | Test of immunity to earth/ phase fault | Cl. No.: 12.8 of IS 13779 |
| 165 | ELECTRICAL- ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assemblies, Accessories And Component | Damp Heat Test | IEC 60068-2-78 |
| 166 | ELECTRICAL- ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assemblies, Accessories And Components | Low Temperature | IEC 60068-2-1 |
| 167 | ELECTRICAL- ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assemblies, Accessories And Components | Bump Test(peak accl., max load 113 kg, No. of Bump 2-4 bump/sec) | "Withdrawn" JSS 55555 : 2000; JSS 55555 : |
| 168 | ELECTRICAL- ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assemblies, Accessories And Components | Bump Test(peak accl., max load 113 kg, No. of Bump 2-4 bump/sec) | IEC 60068-2-27 |
| 169 | ELECTRICAL- ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assemblies, Accessories And Components | Bump Test(peak accl., max load 113 kg, No. of Bump 2-4 bump/sec) | TEC14016 |
| 170 | ELECTRICAL- ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assemblies, Accessories And Components | Change of Temperature | IEC 60068-2-14 |
| 171 | ELECTRICAL- ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assemblies, Accessories And Components | Change of temperature | IS 9000 Part 14 |
| 172 | ELECTRICAL- ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assemblies, Accessories And Components | Damp Heat Test | "Withdrawn" JSS 55555 : 2000; JSS 55555 |



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| 173 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Damp Heat Test | IEC 60068-2-30 |
| 174 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Damp Heat Test | IS 9000 (Part 5): 1981 RA |
| 175 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Damp Heat Test | TEC 14016 |
| 176 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Damp Heat Test (steady) | IS 9000 (Part 4) |
| 177 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Drop & Topple Test | "Withdrawn" JSS 55555 : 2000; JSS 55555 |
| 178 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Drop & Topple Test | IS 9000 Part VII/Sec -3 |
| 179 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Drop & Topple Test | TEC 14016 |
| 180 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Fall Test | IS 9000 Part - VII/Sec -4 |
| 181 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Fall Test | TEC 14016 |
| 182 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | High Temperature | IEC 60068-2-2 |
| 183 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | High Temperature | "Withdrawn" JSS 55555 : 2000; JSS 55555 |
| 184 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | High Temperature | IEC 60068-2-14 |
| 185 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | High Temperature | IS 9000 (Part 14): 1988 RA |
| 186 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | High Temperature | IS 9000 (Part 3): 1977 RA |



National Accreditation Board for Testing and Calibration Laboratories

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| Laboratory Name : | ELECTRONICS REGIONAL TEST LABORATORY (EAST), BLOCK DN 63, SECTOR V, SALT LAKE, KOLKATA, 24 PARGANAS (N), WEST BENGAL, INDIA | | |
| Accreditation Standard | ISO/IEC 17025:2017 | | |
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| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|--|--|--|
| 187 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | High Temperature | TEC 14016 |
| 188 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Ingress Protection (2nd Numeral 1-8) | IEC 60529 |
| 189 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Ingress Protection (2nd Numeral 1-8) | IS/IEC 60947-1: 2007, AMD 1 |
| 190 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Ingress Protection (2nd Numeral 1-8) | IEC60034-5 |
| 191 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Ingress Protection (1st Numeral 1 - 6) | IS/IEC 60529 |
| 192 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Ingress Protection (1st Numeral 1 - 6) | IS/IEC60034-5 |
| 193 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Ingress Protection (2nd Numeral 1-8) | IS / IEC 60529 |
| 194 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Ingress Protection (2nd Numeral 1-8) | IS/IEC60034-5 |
| 195 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Ingress Protection (1st Numeral 1 - 6) | IEC 60529 |
| 196 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Ingress Protection (1st Numeral 1 - 6) | IEC60034-5 |
| 197 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Ingress Protection (1st Numeral 1 - 6) | IS/IEC 60947-1:2007, AMD 1 |
| 198 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Low Temperature | "Withdrawn" JSS 55555 : 2000; JSS 55555 |
| 199 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Low Temperature | IEC 60068-2-14 |
| 200 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Low Temperature | IS 9000 (Part 14): 1988 RA |



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| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|--|--|--|
| 201 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Low Temperature | IS/IEC 60068-2-1 |
| 202 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Low Temperature | TEC 14016 |
| 203 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Rapid temperature cyclic test | "Withdrawn" JSS 55555 : 2000; JSS 55555 |
| 204 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Rapid temperature cyclic test | TEC 14016 |
| 205 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Salt Spray | "Withdrawn" JSS 55555:2000, JSS 55555:2012 |
| 206 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Salt Spray | IEC 68-2-11 |
| 207 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Salt Spray | IEC 68-2-52 |
| 208 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Salt Spray | IS 9000 (Part 11): 1983 (RA 2007) |
| 209 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Salt Spray | TEC14016 |
| 210 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Shock Test(Half sine,max load 30kg) | IEC 60068-2-27 |
| 211 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Shock Test(Half sine,max load 30kg) | IS 9000 (Part VII)Sec I) |
| 212 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Shock(Half Sine, max load 30kg) | "Withdrawn" JSS 55555 : 2000; JSS 55555 |
| 213 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Shock(Half Sine,max load 30kg) | TEC14016 |
| 214 | ELECTRICAL-ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Vibration: Sine | IEC 60068-2-6 |



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| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---|--|--|--|
| 215 | ELECTRICAL- ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Vibration: Sine | IS 9000 (PartVIII) RA |
| 216 | ELECTRICAL- ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Vibration: Sine | TEC 14016 |
| 217 | ELECTRICAL- ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Vibration: Random | "Withdrawn" JSS 55555 : 2000; JSS 55555 |
| 218 | ELECTRICAL- ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Vibration: Random | IEC 60068-2-64 |
| 219 | ELECTRICAL- ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Vibration: Random | IEC 61373 |
| 220 | ELECTRICAL- ENVIRONMENTAL TEST FACILITY | Electrical Apparatus Including Sub-Assembles, Accessories And Components | Vibration: Sine | "Withdrawn" JSS 55555 : 2000; JSS 55555 |
| 221 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical apparatus in Explosive Gas Atmospheres - General Requirements | Compliance of Prototype or sample with documents | Cl. no. 25 of IS/IEC 60079-0 |
| 222 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical apparatus in Explosive Gas Atmospheres - General Requirements | Documentation | Cl. no. 24 of "Withdrawn" IS/IEC 60079-0 |
| 223 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical apparatus in Explosive Gas Atmospheres - General Requirements | Documentation | Cl. no. 24 of IS/IEC 60079-0 |
| 224 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres- General Requirements | Charging Test (measurement of capacitance) | Cl. no. 26.14 of IS/IEC 60079-0 |
| 225 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres- General Requirements | Compliance of prototype or sample with documents | Cl. no.25 of "Withdrawn" IS/IEC 60079-0 |
| 226 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres- General Requirements | Drop test | Cl. no. 26.4.3 of "Withdrawn" IS/IEC 60079-0 |
| 227 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres- General Requirements | Drop test | Cl. no. 26.4.3 of IS/IEC 60079-0 |
| 228 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres- General Requirements | Ingress protection test (IP 1X to 6X & IP X1 to X7/ X8) for rotating & non-rotating machine | Cl. no. 26.4.5 of IS/IEC 60079-0 |
| 229 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres- General Requirements | Resistance to Chemicals agents for Group I electrical apparatus | Cl. no. 26.11 of "Withdrawn" IS/IEC 60079-0 |



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|------|-------------------------------------|--|--|--|
| 230 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres- General Requirements | Resistance to Chemicals agents for Group I electrical apparatus | Cl. no. 26.11 of IS/IEC 60079-0 |
| 231 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres- General Requirements | Resistance to Impact Test | Cl. no. 26.4.2 of "Withdrawn" IS/IEC 60079-0 |
| 232 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres- General Requirements | Thermal Endurance to cold (Non-metallic) | Cl. no. 26.9 of IS/IEC 60079-0 |
| 233 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres- General Requirements | Thermal Endurance to heat (non-metallic) | Cl. no. 26.8 of IS/IEC 60079-0 |
| 234 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres- General Requirements | Thermal Shock Test for Glass parts | Cl. no. 26.5.2 of "Withdrawn" IS/IEC 60079-0 |
| 235 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres- General Requirements | Thermal Shock Test for Glass parts | Cl. no. 26.5.2 of IS/IEC 60079-0 |
| 236 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres- General Requirements | Torque Test for bushings | Cl. no. 26.6 of "Withdrawn" IS/IEC 60079-0 |
| 237 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres- General Requirements | Torque Test for bushings | Cl. no. 26.6 of IS/IEC 60079-0 |
| 238 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres-General Requirements | Ingress protection test (IP 1X to 6X & IP X1 to X7/ X8) for rotating & non-rotating machines | Cl. no. 26.4.5 of "Withdrawn" IS/IEC 60079-0 |
| 239 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres.- General Requirements | Charging Test (measurement of capacitance) | Cl. no. 26.14 of "Withdrawn" IS/IEC 60079-0 |
| 240 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres.- General Requirements | Resistance to Impact Test | Cl. No 26.4.2 and A 3.3 of IS/IEC 60079-0 |
| 241 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres.- General Requirements | Surface resistance test of non-metallic materials (Resistance measurement after conditioning) | Cl. no. 26.13 of "Withdrawn" IS/IEC 60079-0 |
| 242 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres.- General Requirements | Surface resistance test of non-metallic materials (Resistance measurement after conditioning) | Cl. no. 26.13 of IS/IEC 60079-0 |
| 243 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres.- General Requirements | Temperature Measurement | Cl. no. 26.5.1 of "Withdrawn" IS/IEC 60079-0 |
| 244 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres.- General Requirements | Temperature Measurement | Cl. no. 26.5.1 of IS/IEC 60079-0 |
| 245 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres.- General Requirements | Thermal Endurance to cold (Non-metallic) | Cl. no. 26.9 of "Withdrawn" IS/IEC 60079-0: |



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| Laboratory Name : | ELECTRONICS REGIONAL TEST LABORATORY (EAST), BLOCK DN 63, SECTOR V, SALT LAKE, KOLKATA, 24 PARGANAS (N), WEST BENGAL, INDIA | | |
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|------|-------------------------------------|---|--|--|
| 246 | ELECTRICAL- SAFETY TESTING FACILITY | Electrical Apparatus in Explosive Gas Atmospheres.- General Requirements | Thermal Endurance to heat (non-metallic) | Cl. no. 26.8 of "Withdrawn" IS/IEC 60079-0: |
| 247 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Casting Compound : Force | "Withdrawn" IS/IEC 60079-11: Cls.10.6.1 |
| 248 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Casting Compound : Force | IS/IEC 60079-11: Cls. 10.6.1 |
| 249 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Cell Voltage : DC Voltage | "Withdrawn" IS/IEC 60079-11: Cl. 7.4.3 |
| 250 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Cell Voltage : DC Voltage | IS/IEC 60079-11: Cls. 7.4.4 |
| 251 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Dielectric Strength Test (HV Test) | "Withdrawn" IS/IEC 60079-11: Cl.10.3 |
| 252 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Dielectric Strength Test (HV Test) | IS/IEC 60079-11: Cls. 10.3 |
| 253 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Distance Under coating :Comparative tracking index(CTI) | "Withdrawn" IS/IEC 60079-11: Cl. 6.3.9 |
| 254 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Distance Under coating :Comparative tracking index(CTI) | IS/IEC 60079-11: Cls. 6.3.9 |
| 255 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Marking | "Withdrawn" IS/IEC 60079-11: Cls. 12, |
| 256 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Marking | IS/IEC 60079-11: Cls. 12 |
| 257 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Separation Distance : Clearance & Creepage | "Withdrawn" IS/IEC 60079-11: Cls. 6.3 |
| 258 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Separation Distance : Clearance & Creepage | IS/IEC 60079-11: Cls. 6.3 |
| 259 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Spark Ignition Test: Gas Mixture (Vol%) | "Withdrawn" IS/IEC 60079-11: Cls.10.1 |
| 260 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Spark Ignition Test: Gas Mixture (Vol%) | IS/IEC 60079-11: Cls. 10.1 |
| 261 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Spark Ignition Test | "Withdrawn" IS/IEC 60079-11: Cls.10.1, |
| 262 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Spark Ignition Test | IS/IEC 60079-11: Cls. 10.1 |
| 263 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Spark Ignition Test : DC Current | "Withdrawn" IS/IEC 60079-11: Cl. no.10.1 |



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| Laboratory Name : | ELECTRONICS REGIONAL TEST LABORATORY (EAST), BLOCK DN 63, SECTOR V, SALT LAKE, KOLKATA, 24 PARGANAS (N), WEST BENGAL, INDIA | | |
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|------|-------------------------------------|---|--|--|
| 264 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Spark Ignition Test : DC Current | IS/IEC 60079-11:Cls. 10.1 |
| 265 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Spark Ignition Test: Time | "Withdrawn" IS/IEC 60079-11: Cls.10.1, |
| 266 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Spark Ignition Test: Time | IS/IEC 60079-11: Cls. 10.1 |
| 267 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Temperature rise test of Cells & batteries | "Withdrawn" IS/IEC 60079-11 Cl. 10.5.3 |
| 268 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Temperature rise test of Cells & batteries | IS/IEC 60079-11 Cl. 10.5.3 |
| 269 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Terminal : Creepage distances | "Withdrawn" IS/IEC 60079-11: Cl. 6.3.7 |
| 270 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Terminal : Creepage distances | IS/IEC 60079-11: Cl. 6.3.8 |
| 271 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Testing Consideration: DC Current | "Withdrawn" IS/IEC 60079-11: Cls. 10.1.5 |
| 272 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Testing Consideration: DC Current | IS/IEC 60079-11: Cls. 10.1.5 |
| 273 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Transformer Test : AC Current | "Withdrawn" IS/IEC 60079-11: Cls. 10.10, |
| 274 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Transformer Test : AC Current | IS/IEC 60079-11: Cls. 10.10 |
| 275 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Transformer Test : AC Voltage | "Withdrawn" IS/IEC 60079-11: Cls. 10.10 |
| 276 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 11, Equipment Protection by Intrinsic Safety 'i', | Transformer Test : AC Voltage | IS/IEC 60079-11: Cls. 10.10 |
| 277 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 15, Equipment Protection by Type of Protection 'nR', | Electric Strength Test | IS/IEC 60079-15: Clause 6.2 |
| 278 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 15, Equipment Protection by Type of Protection 'nR', | Surface Temperature | IS/IEC 60079-15: Cls. 5 |
| 279 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 15, Equipment Protection by Type of Protection 'nA' & 'nR', | Clearance | "Withdrawn" IS/IEC 60079-15: Clause 6.4 |
| 280 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 15, Equipment Protection by Type of Protection 'nA' & 'nR', | Creepage distance | "Withdrawn" IS/IEC 60079-15: Clause 6.4 |
| 281 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 15, Equipment Protection by Type of Protection 'nA' & 'nR', | Electric Strength Test | "Withdrawn" IS/IEC 60079-15: Clause.6.5 |
| 282 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 15, Equipment Protection by Type of Protection 'nA' & 'nR', | Radial Air Gap | "Withdrawn" IS/IEC 60079-15: Clause.8 |



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| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
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| 283 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 15, Equipment Protection Protection by Type of 'nR', | Test for restricted Breathing enclosure | IS/IEC 60079-15: Cls. 11.3 |
| 284 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 15, Equipment Protection Protection by Type of 'nA' & 'nR', | Comparative tracking Index(CTI) | Table 3 of "Withdrawn" IS/ IEC 60079-15 |
| 285 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 15, Equipment Protection Protection by Type of 'nA' & 'nR', | Surface Temperature | "Withdrawn" IS/IEC 60079-15: Cls. 5 |
| 286 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 15, Equipment Protection Protection by Type of 'nA' & 'nR', | Test for restricted Breathing enclosure | "Withdrawn" IS/IEC 60079-15: Cls 22.6 |
| 287 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmosphere Part 15, Equipment Protection Protection by Type of 'nA' & 'nR', | Thermal Endurance to Heat | "Withdrawn" IS/IEC 60079-15: Cls. 22.3.1.1 |
| 288 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 7 Equipment Protection by Increased Safety "e" | Cage rotor construction | "Withdrawn" IS/IEC 60079-7: Cls. 6.2.3.2, |
| 289 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 7 Equipment Protection by Increased Safety "e" | Cage rotor construction | IS/IEC 60079-7: Cls. 6.2.3.2 |
| 290 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 7 Equipment Protection by Increased Safety "e" | Clearance | "Withdrawn" IS/IEC 60079-7: Cls. 4, |
| 291 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 7 Equipment Protection by Increased Safety "e" | Clearance | IS/IEC 60079-7: Cls 4 |
| 292 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 7 Equipment Protection by Increased Safety "e" | Conductor dimension | "Withdrawn" IS/IEC 60079-7: Cls. 4, |
| 293 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 7 Equipment Protection by Increased Safety "e" | Conductor dimension | IS/IEC 60079-7: Cls 4 |
| 294 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 7 Equipment Protection by Increased Safety "e" | Creepage distance | "Withdrawn" IS/IEC 60079-7: Cls. 4, |
| 295 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 7 Equipment Protection by Increased Safety "e" | Creepage distance | IS/IEC 60079-7: Cls 4 |
| 296 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 7 Equipment Protection by Increased Safety "e" | Determination of Time tE | "Withdrawn" IS/IEC 60079-7: Annexure A |
| 297 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 7 Equipment Protection by Increased Safety "e" | Determination of Time tE | IS/IEC 60079-7: Annexure A |
| 298 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 7 Equipment Protection by Increased Safety "e" | Dielectric Strength Test | "Withdrawn" IS/IEC 60079-7: Cls. 6.1 |
| 299 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 7 Equipment Protection by Increased Safety "e" | Dielectric Strength Test | IS/IEC 60079-7: Cls 6.1 |
| 300 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 7 Equipment Protection by Increased Safety "e" | General Purpose connection and junction boxes measurement of temperature and power dissipated | "Withdrawn" IS/IEC 60079-7: Cls. 6.7, |



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| Laboratory Name : | ELECTRONICS REGIONAL TEST LABORATORY (EAST), BLOCK DN 63, SECTOR V, SALT LAKE, KOLKATA, 24 PARGANAS (N), WEST BENGAL, INDIA | | |
| Accreditation Standard | ISO/IEC 17025:2017 | | |
| Certificate Number | TC-5637 | Page No | 23 of 43 |
| Validity | 14/03/2023 to 13/03/2025 | Last Amended on | 04/05/2023 |

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|-------------------------------------|--|--|--|
| 301 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 7 Equipment Protection by Increased Safety "e" | General Purpose connection and junction boxes measurement of temperature and power dissipated | IS/IEC 60079-7: Cls. 6.8 |
| 302 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 7 Equipment Protection by Increased Safety "e" | Supplementary requirements | "Withdrawn" IS/IEC 60079-7: Cls. 5, |
| 303 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 7 Equipment Protection by Increased Safety "e" | Supplementary requirements | IS/IEC 60079-7: Cls 5 |
| 304 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 7 Equipment Protection by Increased Safety "e" | Determination of starting current ratio | "Withdrawn" IS/IEC 60079-7: Cls. 6.2.1, & Annexure A |
| 305 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 7 Equipment Protection by Increased Safety "e" | Determination of starting current ratio | IS/IEC 60079-7: Cls. 6.2.1 Annexure A |
| 306 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Determination of explosion Pressure (reference pressure) | "Withdrawn" IS/IEC 60079-1: Cl. no. 15.1.2 |
| 307 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Determination of explosion Pressure (reference pressure) | IS/IEC 60079-1: Cl. no. 15.2.2 |
| 308 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Flammability Test - Non Metallic Parts | "Withdrawn" IS/IEC 60079-1: Cl. no. 19.3.2 |
| 309 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Impact Test for Ex thread adapters | "Withdrawn" IS/IEC 60079-1: Cls. C 3.4.2 |
| 310 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Impact Test for Ex thread adapters | IS/IEC 60079-1: Cls. C 3.4.2 |
| 311 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Over Pressure Test - 3 X Ref Pressure | IS/IEC 60079-1: Cl. no. 15.2.3.2 |
| 312 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Over Pressure Test - 1.5 X Ref. Pressure, 4 X Ref. Pressure | "Withdrawn" IS/IEC 60079-1: Cl. no. 15.1.3.1 |
| 313 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Over Pressure Test - 1.5 X Ref. Pressure, 4 X Ref. Pressure | IS/IEC 60079-1: Cl. no. 15.2.3.2 |
| 314 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Over Pressure Test for Ex stopping plugs/Blanking elements | "Withdrawn" IS/IEC 60079-1: Cl. no. C 3.3.2 |
| 315 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Over Pressure Test for Ex stopping plugs/Blanking elements | IS/IEC 60079-1: 2014 Cls. C 3.3.2 |
| 316 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Over pressure test for Ex thread adaptors | "Withdrawn" IS/IEC 60079-1: Cls. C 3.4.3 |
| 317 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Over pressure test for Ex thread adaptors | IS/IEC 60079-1: Cls. C 3.4.3 |



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| Accreditation Standard | ISO/IEC 17025:2017 | Last Amended on | 04/05/2023 |
| Certificate Number | TC-5637 | | |
| Validity | 14/03/2023 to 13/03/2025 | | |

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| 318 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Over Pressure Test for Ex-component Enclosures | "Withdrawn" IS/IEC 60079-1: Cls. D.3.7 |
| 319 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Over Pressure Test for Ex-component Enclosures | IS/IEC 60079-1: Cls. D 3.7 |
| 320 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Pressure Determination with Obstruction Plate | "Withdrawn" IS/IEC 60079-1: Cls. D.3.6 |
| 321 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Pressure Determination with Obstruction Plate | IS/IEC 60079-1: Cl. D 3.6 |
| 322 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Test for Non- Transmission of an internal ignition | "Withdrawn" IS/IEC 60079-1: Cl. no. 15.2 |
| 323 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Test for Non- Transmission of an internal ignition | IS/IEC 60079-1: Cl. 15.3 |
| 324 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Tests for flameproofness including ability to withstand pressure, Erosion by flame and Non Transmission of internal ignition | "Withdrawn" IS/IEC 60079-1: Cl. no. 19.3.1 |
| 325 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Tests for flameproofness including ability to withstand pressure, Erosion by flame and Non Transmission of internal ignition | IS/IEC 60079-1: Cl no.. 19.3 & Cl. no. 19.4 |
| 326 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Torque Test for Ex stopping plugs/Blanking elements | "Withdrawn" IS/IEC 60079-1: Cl. no. C 3.3.1 |
| 327 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Torque Test for Ex stopping plugs/Blanking elements | IS/IEC 60079-1 (Cl. C 3.3.1) |
| 328 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Torque Test for Ex thread adapters (Torque test) | "Withdrawn" IS/IEC 60079-1: Cls. C 3.4.1 |
| 329 | ELECTRICAL- SAFETY TESTING FACILITY | Explosive Atmospheres Part 1 Equipment Protection by Flameproof Enclosures "d" | Torque Test for Ex thread adapters (Torque test) | IS/IEC 60079-1 (Cl. C 3.4.1) |
| 330 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | A.C power frequency voltage test , | IEC 62052-31:2015, Edition 1.0, Cl : 6.10.2.5 |
| 331 | ELECTRONICS- SAFETY TESTING FACILITY | 2. House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Abnormal operation (maximum winding temperature) | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, cl.19.7 |



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| Accreditation Standard | ISO/IEC 17025:2017 | Last Amended on | 04/05/2023 |
| Certificate Number | TC-5637 | | |
| Validity | 14/03/2023 to 13/03/2025 | | |

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|------|--------------------------------------|--|--|---|
| 332 | ELECTRONICS- SAFETY TESTING FACILITY | 2. House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Clearances, Creepage distances and solid Insulation. | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, cl.29 |
| 333 | ELECTRONICS- SAFETY TESTING FACILITY | 2. House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Components | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, Cl. 24 |
| 334 | ELECTRONICS- SAFETY TESTING FACILITY | 2. House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Constructions | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, cl.22 |
| 335 | ELECTRONICS- SAFETY TESTING FACILITY | 3. House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Abnormal operation (maximum winding temperature) | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl.19.7 |
| 336 | ELECTRONICS- SAFETY TESTING FACILITY | Audio, Video And Similar Electronic Apparatus - Safety Requirements | Clearance and Creepage distances | IEC 60065:2014-06/ IS 616, cl.13 |
| 337 | ELECTRONICS- SAFETY TESTING FACILITY | Audio, Video And Similar Electronic Apparatus - Safety Requirements: Amplifiers / Optical Disc Players with built in amplifiers; Power adapter for Audio, Video & similar Electronic apparatus; Loud speakers / Head phones; | Resistance to fire | IEC 60065:2014-06/ IS 616, cl.20 |
| 338 | ELECTRONICS- SAFETY TESTING FACILITY | Audio, Video And Similar Electronic Apparatus - Safety Requirements | Components | IEC 60065:2014-06/ IS 616, cl.14 |
| 339 | ELECTRONICS- SAFETY TESTING FACILITY | Audio, Video And Similar Electronic Apparatus - Safety Requirements | Constructional requirements with regard to the protection against electric shock | IEC 60065:2014-06/ IS 616, cl.8 |
| 340 | ELECTRONICS- SAFETY TESTING FACILITY | Audio, Video And Similar Electronic Apparatus - Safety Requirements | Electric shock hazard under normal operating conditions | IEC 60065:2014-06/ IS 616, cl.9.1.7 |



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|------|--------------------------------------|--|--|--|
| 341 | ELECTRONICS- SAFETY TESTING FACILITY | Audio, Video And Similar Electronic Apparatus - Safety Requirements | Mechanical strength of picture tube and protection against the effects of implosion | IEC 60065:2014-06/ IS 616, cl.18 |
| 342 | ELECTRONICS- SAFETY TESTING FACILITY | Audio, Video And Similar Electronic Apparatus - Safety Requirements | Hazardous radiation | IEC 60065:2014-06/ IS 616, cl. 6.1 |
| 343 | ELECTRONICS- SAFETY TESTING FACILITY | Audio, Video And Similar Electronic Apparatus - Safety Requirements | Heating under normal operating conditions | IEC 60065:2014-06/ IS 616, cl. 7 |
| 344 | ELECTRONICS- SAFETY TESTING FACILITY | Audio, Video And Similar Electronic Apparatus - Safety Requirements | Constructional requirements with regard to the protection against electric shock | IEC 60065:2014-06/ IS 616, cl.8 |
| 345 | ELECTRONICS- SAFETY TESTING FACILITY | Audio, Video And Similar Electronic Apparatus - Safety Requirements | Electric shock hazard under normal operating conditions | IEC 60065:2014-06/ IS 616, cl.9 |
| 346 | ELECTRONICS- SAFETY TESTING FACILITY | Audio, Video And Similar Electronic Apparatus - Safety Requirements | Electrical connections and mechanical fixings | IEC 60065:2014-06/ IS 616, cl.17 |
| 347 | ELECTRONICS- SAFETY TESTING FACILITY | Audio, Video And Similar Electronic Apparatus - Safety Requirements | External Flexible Cords | IEC 60065:2014-06/ IS 616, cl.16 |
| 348 | ELECTRONICS- SAFETY TESTING FACILITY | Audio, Video And Similar Electronic Apparatus - Safety Requirements | Fault conditions | IEC 60065:2014-06/ IS 616, Cl.11 |
| 349 | ELECTRONICS- SAFETY TESTING FACILITY | Audio, Video And Similar Electronic Apparatus - Safety Requirements | Fault conditions | IEC 60065:2014-06/ IS 616, Cl.11 |
| 350 | ELECTRONICS- SAFETY TESTING FACILITY | Audio, Video And Similar Electronic Apparatus - Safety Requirements | Impact Test | IEC 60065:2014-06/ IS 616, Cl.12.7.3.5 |
| 351 | ELECTRONICS- SAFETY TESTING FACILITY | Audio, Video And Similar Electronic Apparatus - Safety Requirements | Marking | IEC 60065:2014-06/ IS 616, cl. 5 |
| 352 | ELECTRONICS- SAFETY TESTING FACILITY | Audio, Video And Similar Electronic Apparatus - Safety Requirements | Provision for protective earthing | IEC 60065:2014-06/ IS 616, cl.15.2 |
| 353 | ELECTRONICS- SAFETY TESTING FACILITY | Audio, Video And Similar Electronic Apparatus - Safety Requirements | Stability and mechanical Hazards | IEC 60065:2014-06/ IS 616, cl.19 |
| 354 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | A.C power frequency voltage test , | IEC 62052-31 (Edition 1.0), Cl : 6.10.4.4.2.2 |
| 355 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | A.C power frequency voltage test , | IEC 62052-31 (Edition 1.0), Cl : 6.10.4.4.2.2 |
| 356 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | A.C power frequency voltage test , | IEC 62052-31 (Edition 1.0), Cl : 6.10.2.5 |
| 357 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Clearances | IEC 61010-1 (Edition 3.0), Cl: 6.7.2.2 |



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| Validity | 14/03/2023 to 13/03/2025 | Last Amended on | 04/05/2023 |

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| 358 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Components and subassemblies | IEC 62052-31 (Edition 1.0),Cl: 13.0 |
| 359 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Connection to External Circuit : | IEC 61010-1 (Edition 1.0) Cl : 6.6 |
| 360 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Creepage distances , | IEC 62052-31 (Edition 1.0)Cl : 6.7.2.3 |
| 361 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | DC voltage test | IEC 62052-31 (Edition 1.0)Cl : 6.10.2.6 |
| 362 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Dielectric test on sub - assemblies , | IEC 62052-31 (Edition 1.0)Cl : 6.10.4.4 |
| 363 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Equipment temperature limits and resistance to heat, | IEC 62052-31 (Edition 1.0)Cl : 10.0 |
| 364 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Humidity treatment | IEC 62052-31 (Edition 1.0)Cl : 6.10.4.2 |
| 365 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Humidity treatment : | IEC 62052-31, Cl : 6.10.4.2 |
| 366 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Impulse voltage test | IEC 62052-31 (Edition 1.0) , Cl : 6.10.4.3.3 |
| 367 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Information & Marking requirements , | IEC 62052-31 (Edition 1.0) cl : 5.0 |
| 368 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Insulation Requirements | IEC 62052-31 (Edition 1.0) |
| 369 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Limit values for Accessibility parts | IEC 62052-31 (Edition 1.0), Cl. 6.3 |
| 370 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Long term over voltage test | IEC 62052-31 (Edition 1.0), Cl : 6.10.3.2 |
| 371 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Non metallic enclosure | IEC 62052-31 (Edition 1.0) , Cl : 10.5.1 |



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| 372 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Primary means of Protection | IEC 62052-31 (Edition 1.0) , Cl : 6.4 |
| 373 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Protection against Electric Shock | IEC 62052-31 (Edition 1.0) , Cl : 6.0 |
| 374 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Protection against mechanical hazards | IEC 62052-31 (Edition 1.0) ,Cl: 7.0 |
| 375 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Protection against penetration of dust & water | IEC 62052-31 (Edition 1.0) ,Cl : 11.0 |
| 376 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Protection against spread of fire | IEC 62052-31 (Edition 1.0) ,Cl : 9.0 |
| 377 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Protective Bonding : Additional means of protection | IEC 62052-31 (Edition 1.0) , Cl : 6.5.2 |
| 378 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Provision for lifting and carrying | IEC 62052-31 (Edition 1.0) ,Cl : 7.3 |
| 379 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Resistance to mechanical stresses | IEC 62052-31 (Edition 1.0) ,Cl : 8.0 |
| 380 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Sharp edges | IEC 62052-31 (Edition 1.0) , Cl : 7.2 |
| 381 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Spring hammer test | IEC 62052-31 (Edition 1.0) , Cl : 8.2 |
| 382 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Testing in single fault condition | IEC 62052-31 (Edition 1.0) Cl. 4.4 (Except Cl. 4.4.2.4.3) |
| 383 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- general requirements, tests and test conditions- Part 31: Product safety requirements and tests | Tracking Index | IEC 62052-31 (Edition 1.0) Cl : 6.7.2.3 |
| 384 | ELECTRONICS- SAFETY TESTING FACILITY | Electricity metering equipment (AC)- General requirements, tests and test conditions-Part 31: Product safety requirement and tests | Accessibility | IEC 62052-31 (Edition 1.0) , Cl : 6.2 |
| 385 | ELECTRONICS- SAFETY TESTING FACILITY | ENERGY METER | Primary means of Protection | IEC 61010-1:2010 , Edition 3.0 , Cl : 6.4 |



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| 386 | ELECTRONICS- SAFETY TESTING FACILITY | ENERGY METER | Protection against mechanical hazards | IEC 61010-1:2010, Edition 3.0, Cl: 7.0 |
| 387 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Power input and current | "Withdrawn" IEC 60335-1:2010+AMD1:2013+AMD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014+AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, cl. 10 |
| 388 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Electric strength | "Withdrawn" IEC 60335-1:2010+AMD1:2013+AMD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014+AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, cl. 16 |
| 389 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Electric strength at operating temperature | "Withdrawn" IEC 60335-1:2010+AMD1:2013+AMD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014+AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, cl. 16.3 |
| 390 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Endurance | "Withdrawn" IEC 60335-1:2010+AMD1:2013+AMD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014+AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, cl.18 |
| 391 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Heating | "Withdrawn" IEC 60335-1:2010+AMD1:2013+AMD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014+AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 , Cl. 11 |



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| 392 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Internal wiring | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, cl.23 |
| 393 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Leakage current and electric strength | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, cl. 16 |
| 394 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Leakage current and electric strength at operating temperature | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, cl. 13 |
| 395 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Marking and Instructions | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, cl. 7 |
| 396 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Mechanical strength | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, cl.21 |



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| 397 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Overload protection of transformers and associated circuits | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, cl.17 |
| 398 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Power input and current | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, cl. 10 |
| 399 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Protection against access to live parts | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016 cl. 8 |
| 400 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Provision for earthing | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, Cl 27 |
| 401 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Radiation, Toxicity and similar Hazards | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, cl.32 |



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| 402 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Resistance to heat and fire | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016 cl. 30 |
| 403 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Resistance to rusting | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, cl. 31 |
| 404 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Screws and connection | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, cl. 28 |
| 405 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Stability and mechanical hazards | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016, Cl 20 |
| 406 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Starting of motor operated appliances | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016 cl. 9 |



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| 407 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Supply connections and external flexible cords | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016 cl. 25 |
| 408 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Terminals for external conductors | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016 cl. 26 |
| 409 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-25: Particular requirements for Microwave Ovens, including combination Micro Ovens | Transient Over Voltages | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn" IEC 60335-2-25:2010+AMD1:2014 +AMD2:2015 CSV, IS 302-2-25:2014, IS 302-1:2008 : 2016 cl. 14 |
| 410 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Electric strength at operating temperature | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV , IS 302-2-26:2014, IS 302-1:2008 : cl. 16.3 |
| 411 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Internal wiring | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV , IS 302-2-26:2014, IS 302-1:2008 : cl.23 |
| 412 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Leakage current and electric strength | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV , IS 302-2-26:2014, IS 302-1:2008 : cl. 16 |



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| 413 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Leakage current and electric strength at operating temperature | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl. 13 |
| 414 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | ' Protection against access to live parts | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 :cl. 8 |
| 415 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | ' Provision for earthing | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : CI 27 |
| 416 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Starting of motor operated appliances | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl. 9 |
| 417 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Supply connections and external flexible cords | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl. 25 |
| 418 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Terminals for external conductors | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl. 26 |
| 419 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Clearances, Creepage distances and solid Insulation. | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl.29 |



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| 420 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Components | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : Cl. 24 |
| 421 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Constructions | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl.22 |
| 422 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Electric strength | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl. 16 |
| 423 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Endurance | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl.18 |
| 424 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Heating | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, "Withdrawn", IS 302-2-26:2014, IS 302-1:2008 : 2016 , Cl. 11 |
| 425 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Marking and Instructions | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl. 7 |
| 426 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Mechanical strength | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl.21 |



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| 427 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Moisture resistance | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl. 15 |
| 428 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Overload protection of transformers and associated circuits | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl.17 |
| 429 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Power input and current | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl. 10 |
| 430 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Power input and current | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl. 10 |
| 431 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Radiation, Toxicity and similar Hazards | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl.32 |
| 432 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Resistance to heat and fire | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl. 30 |
| 433 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Resistance to rusting | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl. 31 |



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| 434 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Screws and connection | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl. 28 |
| 435 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Stability and mechanical hazards | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : CI 20 |
| 436 | ELECTRONICS- SAFETY TESTING FACILITY | House Hold and Similar Electrical Appliances- Safety- Part 1- General Requirements, Part 2-26: Clocks | Transient Over Voltages | "Withdrawn" IEC 60335-1:2010+AMD1:2013+A MD2:2016 CSV, , IEC 60335-2-26:2002+AMD1:2008 CSV, IS 302-2-26:2014, IS 302-1:2008 : cl. 14 |
| 437 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Connection to cable distribution system (impulse test) | IEC 60950-1:2005+AMD1:2009+A MD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015(Reaffirmed 2016) cl.7.4.3 |
| 438 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Connection to cable distribution system | IEC 60950-1:2005+AMD1:2009+A MD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015(Reaffirmed 2016) cl.7 |
| 439 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Connection to telecommunication networks (impulse test) | IEC 60950-1:2005+AMD1:2009+A MD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015(Reaffirmed 2016) cl.6.2.2.1 |
| 440 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Connection to telecommunication networks | IEC 60950-1:2005+AMD1:2009+A MD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015(Reaffirmed 2016) cl.6 |



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| 441 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Connection to telecommunication networks | IEC 60950-1:2005+AMD1:2009+A MD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015(Reaffirmed 2016) cl.6.2.2.3 |
| 442 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Durability | IEC 60950-1:2005+AMD1:2009+A MD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015 (Reaffirmed 2016) cl.1.7.11 |
| 443 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Electrical requirements and simulated abnormal conditions (Electric strength) | IEC 60950-1:2005+AMD1:2009+A MD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015(Reaffirmed 2016) cl.5.2 |
| 444 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- Safety Part 1 General requirements | Electrical requirements and simulated abnormal conditions | IEC 60950-1:2005+AMD1:2009+A MD2:2013CSV , cl.5 IS13252(Part 1):2010 (Reaffirmed 2016) |
| 445 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Electrical requirements and simulated abnormal conditions (Touch current and protective conductor current) | IEC 60950-1:2005+AMD1:2009+A MD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015(Reaffirmed 2016) cl.5.1 |
| 446 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Input current | IEC 60950-1:2005+AMD1:2009+A MD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015(Reaffirmed 2016) cl.1.6.2 |
| 447 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Insulation of conductors | IEC 60950-1:2005+AMD1:2009+A MD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015(Reaffirmed 2016) cl.3.1.4 |



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| 448 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Physical requirements (Mechanical strength) | IEC 60950-1:2005+AMD1:2009+A MD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015(Reaffirmed 2016) cl. 4.2 |
| 449 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Physical requirements | IEC 60950-1:2005+AMD1:2009+A MD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015(Reaffirmed 2016) cl. 4 |
| 450 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- Safety Part 1 General requirements | Physical requirements | IEC 60950-1:2005+AMD1:2009+A MD2:2013CSV, cl. 4 IS13252(Part 1):2010 (Reaffirmed 2016) |
| 451 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Power interface/ Input current | IEC 60950-1:2005+AMD1:2009+A MD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015(Reaffirmed 2016) cl.1.6.2 |
| 452 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Protection from Hazards | IEC 60950-1:2005+AMD1:2009+A MD2:2013CSV, Cl. 2 IS13252(Part 1):2010 (Reaffirmed 2016) |
| 453 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Protection from hazards | IEC 60950-1:2005+AMD1:2009+A MD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015(Reaffirmed 2016) cl. 2 |
| 454 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- Safety Part 1 General requirements | Protection from hazards | IEC 60950-1:2005+AMD1:2009+A MD2:2013CSV, cl. 2 IS13252(Part 1):2010 (Reaffirmed 2016) |
| 455 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Protection from hazards (Access to energized parts) | IEC 60950-1:2005+AMD1:2009+A MD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015(Reaffirmed 2016) cl. 2.1.1.1 |



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| 456 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Protection from hazards (Access to energized parts) | IEC 60950-1:2005+AMD1:2009+AMD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015(Reaffirmed 2016) cl. 2.1.1.1 |
| 457 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Temperature limits for materials | IEC 60950-1:2005+AMD1:2009+AMD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015(Reaffirmed 2016) cl. 4. 5.3 |
| 458 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Wiring , connections and supply (Insulation of conductors) | IEC 60950-1:2005+AMD1:2009+AMD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015(Reaffirmed 2016), cl.3.1.4 |
| 459 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Wiring , connections and supply | IEC 60950-1:2005+AMD1:2009+AMD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015 RA, cl.3 |
| 460 | ELECTRONICS- SAFETY TESTING FACILITY | Information technology equipment- safety Part 1 General requirements | Wiring , connections and supply(Multiple supply connections) | IEC 60950-1:2005+AMD1:2009+AMD2:2013 CSV,IS13252(Part 1):2010 + AMD1:2013+AMD2:2015(Reaffirmed 2016) cl.3.2.2 |
| 461 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Circuits or components used as Transient over voltage limiting devices | IEC 61010-1 (Edition 3.0) , cl no. 14.8 |
| 462 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Clearances and creepage distances | IEC 62052-31 (Edition 3.0), Cl : 6.7.1.2 |
| 463 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Components and subassemblies | IEC 61010-1 (Edition 3.0), Cl: 14.0 |
| 464 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Connection to External Circuit | IEC 62052-31 (Edition 1.0): Cl : 6.6 |
| 465 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Creepage distances | IEC 61010-1 (Edition 3.0) , Cl : 6.7.2.3 |
| 466 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for Electrical equipment for measurement, control and laboratory use | Determination of accessible parts | IEC 61010-1 (Edition 3.0), Cl : 6.2 |



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| 467 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Drop test | IEC 61010-1 (Edition 3.0), cl no. 8.3 |
| 468 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Dynamic test | IEC 61010-1 (Edition 3.0), cl no. 8.2.2 |
| 469 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Hazards resulting from application | IEC 61010-1 (Edition 3.0) , cl no. 16.0 |
| 470 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Information & Marking requirements | IEC 61010-1 (Edition 3.0), cl : 5.0 |
| 471 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Insulation Requirements | IEC 61010-1 (Edition 3.0) Cl. 6.7 |
| 472 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Limit values for Accessibility parts | IEC 61010-1 (Edition 3.0), Cl 6.3 |
| 473 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Marking and documentation | IEC 61010-1 (Edition 3.0), Cl : 5 |
| 474 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Primary means of Protection | IEC 61010-1 (Edition 3.0) , Cl : 6.4 |
| 475 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Procedure for voltage tests | IEC 61010-1 (Edition 3.0), Cl : 6.8 |
| 476 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for Electrical equipment for measurement, control and laboratory use | Protection against electric shock | IEC 61010-1 (Edition 3.0), Cl : 6.0 |
| 477 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Protection against electric shock | IEC 61010-1 (Edition 3.0) , Cl : 6.0 |
| 478 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Protection against Electric Shock | IEC 61010-1 (Edition 3.0) , Cl : 6.0 |
| 479 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Protection against hazards from liquids | IEC 61010-1 (Edition 3.0) , Cl : 11.0 |
| 480 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Protection against hazards from liquids | IEC 61010-1 (Edition 3.0) , Cl : 11.2 |
| 481 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Protection against liberated gases and substances, explosion and implosion | IEC 61010-1 (Edition 3.0), cl no. 13 |
| 482 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Protection against mechanical hazards | IEC 61010-1 (Edition 3.0) , Cl: 7.0 |
| 483 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Protection against spread of fire | IEC 61010-1 (Edition 3.0) , Cl : 9.0 |
| 484 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Resistance to heat | IEC 61010-1 (Edition 3.0), Cl : 10.0 |



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| 485 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Resistance to mechanical stresses | IEC 61010-1 (Edition 3.0) , Cl : 8.0 |
| 486 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Resistance to mechanical stresses | IEC 61010-1 (Edition 3.0) , Cl : 8.0 |
| 487 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Static test | IEC 61010-1 (Edition 3.0) , cl no. 8.2.1 |
| 488 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Temperature | IEC 61010-1 (Edition 3.0) Cl : 4.4.4.2 |
| 489 | ELECTRONICS- SAFETY TESTING FACILITY | Safety requirements for electrical equipment for measurement, control and laboratory use | Testing in single fault conditions | IEC 61010-1 (Edition 3.0) Cl.4.4 (Except Cl. 4.4.2.4.3) |
| 490 | ELECTRONICS- SAFETY TESTING FACILITY | Uninterruptible Power Supply (UPS) Part 1 General & safety requirements for UPS | Connection to telecommunication networks | IS 16242 (Part 1)cl.9 |
| 491 | ELECTRONICS- SAFETY TESTING FACILITY | Uninterruptible Power Supply (UPS) Part 1 General & safety requirements for UPS | Connection to telecommunication networks | IS 16242 (Part 1)cl.9 |
| 492 | ELECTRONICS- SAFETY TESTING FACILITY | Uninterruptible Power Supply (UPS) Part 1 General & safety requirements for UPS | Electrical requirements and simulated abnormal conditions | IS 16242 (Part 1)cl.8 |
| 493 | ELECTRONICS- SAFETY TESTING FACILITY | Uninterruptible Power Supply (UPS) Part 1 General & safety requirements for UPS | Marking | IS 16242 (Part 1) cl. 4.7 |
| 494 | ELECTRONICS- SAFETY TESTING FACILITY | Uninterruptible Power Supply (UPS) Part 1 General & safety requirements for UPS | Over current and earth fault condition | IS 16242 (Part 1)Cl 5.5 |
| 495 | ELECTRONICS- SAFETY TESTING FACILITY | Uninterruptible Power Supply (UPS) Part 1 General & safety requirements for UPS | Over current and earth fault condition | IS 16242 (Part 1)Cl 5.5 |
| 496 | ELECTRONICS- SAFETY TESTING FACILITY | Uninterruptible Power Supply (UPS) Part 1 General & safety requirements for UPS | Physical requirements | IS 16242 (Part 1)cl. 7 |
| 497 | ELECTRONICS- SAFETY TESTING FACILITY | Uninterruptible Power Supply (UPS) Part 1 General & safety requirements for UPS | Physical requirements | IS 16242 (Part 1)cl. 7 |
| 498 | ELECTRONICS- SAFETY TESTING FACILITY | Uninterruptible Power Supply (UPS) Part 1 General & safety requirements for UPS | Physical requirements | IS 16242 (Part 1) cl. 7 |
| 499 | ELECTRONICS- SAFETY TESTING FACILITY | Uninterruptible Power Supply (UPS) Part 1 General & safety requirements for UPS | Protection against electric shock and electrical hazard | IS 16242 (Part 1)cl.5.1 |
| 500 | ELECTRONICS- SAFETY TESTING FACILITY | Uninterruptible Power Supply (UPS) Part 1 General & safety requirements for UPS | Protective Earthing and bonding | IS 16242 (Part 1)Cl 5.3.2 & 5.3.3 |
| 501 | ELECTRONICS- SAFETY TESTING FACILITY | Uninterruptible Power Supply (UPS) Part 1 General & safety requirements for UPS | Requirement of auxiliary circuits | IS 16242 (Part 1)Cl 5.2 |
| 502 | ELECTRONICS- SAFETY TESTING FACILITY | Uninterruptible Power Supply (UPS) Part 1 General & safety requirements for UPS | Requirement of auxiliary circuits | IS 16242 (Part 1)Cl 5.2 |
| 503 | ELECTRONICS- SAFETY TESTING FACILITY | Uninterruptible Power Supply (UPS) Part 1 General & safety requirements for UPS | Safety interlock | IS 16242 (Part 1)Cl 5.6 |



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| 504 | ELECTRONICS- SAFETY TESTING FACILITY | Uninterruptible Power Supply (UPS) Part 1 General & safety requirements for UPS | Safety interlock | IS 16242 (Part 1)Cl 5.6 |
| 505 | ELECTRONICS- SAFETY TESTING FACILITY | Uninterruptible Power Supply (UPS) Part 1 General & safety requirements for UPS | Wiring, connections and supply | IS 16242 (Part 1)cl. 6 |
| 506 | ELECTRONICS- SAFETY TESTING FACILITY | Uninterruptible Power Supply (UPS) Part 1 General & safety requirements for UPS | Wiring, connections and supply | IS 16242 (Part 1)cl. 6 |
| 507 | ELECTRONICS- SAFETY TESTING FACILITY | Uninterruptible Power Supply (UPS) Part 1 General & safety requirements for UPS | Wiring, connections and supply | IS 16242 (Part 1)cl. 6 |
| 508 | ELECTRONICS- SAFETY TESTING FACILITY | Uninterruptible Power Supply (UPS) Part 1 General & safety requirements for UPS | Wiring, connections and supply | IS 16242(Part 1)cl. 6 |