



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**ELECTRONICS AND QUALITY DEVELOPMENT CENTRE
(EQDC)**

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

B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

in the field of

TESTING

Certificate Number: TC-15149

Issue Date: 20/12/2024

Valid Until: 19/12/2028

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 Entity: ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC)

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	1 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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 Testing				
1	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cable	Hot Set Test	IS 10810 (Part 30)
2	ELECTRICAL- CABLES & WIRES	Aerial bunched Cable	Hot Set Test	IS 14255 + AMD.1
3	ELECTRICAL- CABLES & WIRES	Aerial bunched test	Conductor resistance test	IS 14255 + AMD.1
4	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	Annealing test (for copper)	IS 7098 (Part 1) + AMD.5
5	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	Conductor resistance test	IS 7098 (Part 1) + AMD.5
6	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	Core identification	IS 7098 (Part 1) + AMD.5
7	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	Flammability test	IS 7098 (Part 1) + AMD.5
8	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	High Voltage Test (at Room Temperature)	IS 7098 (Part 1) + AMD.5
9	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	Identification	IS 7098 (Part 1) + AMD.5
10	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	Insulation Resistance Test	IS 7098 (Part 1) + AMD.5
11	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	Physical tests on insulation & sheath: Thickness of insulation and sheath/ Overall Dimensions	IS 7098 (Part 1) + AMD.5
12	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	Tensile Strength (for aluminium)	IS 7098 (Part 1) + AMD.5
13	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	Tensile strength and elongation at break of insulation and sheath	IS 7098 (Part 1) + AMD.5
14	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	Wrapping test (for aluminium)	IS 7098 (Part 1) + AMD.5



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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

2 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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15	ELECTRICAL- CABLES & WIRES	Elastomer Cables for use in mines	Armour resistance test (for mining wire)	IS 1554 (Part 1) + AMD.5
16	ELECTRICAL- CABLES & WIRES	Electric Cables	Annealing Test (for wires used as conductors)	IS 10810 (Part 1)
17	ELECTRICAL- CABLES & WIRES	Electric Cables	Conductor resistance test (for copper and aluminium conductors)	IS 10810 (Part 5)
18	ELECTRICAL- CABLES & WIRES	Electric Cables	Flammability Test	IS 10810 (Part 53)
19	ELECTRICAL- CABLES & WIRES	Electric Cables	High Voltage Test	IS 10810 (Part 45)
20	ELECTRICAL- CABLES & WIRES	Electric Cables	Insulation resistance test	IS 10810 (Part 43)
21	ELECTRICAL- CABLES & WIRES	Electric Cables	Tensile strength and elongation at break of thermoplastic and elastomeric insulation and sheath	IS 10810 (Part 7)
22	ELECTRICAL- CABLES & WIRES	Electric Cables	Tensile Test (For Aluminum Wires)	IS 10810 (Part 2)
23	ELECTRICAL- CABLES & WIRES	Electric Cables	Thickness of Thermoplastic and Elastomeric Insulation & Sheath	IS 10810 (Part 6)
24	ELECTRICAL- CABLES & WIRES	Electric Cables	Wrapping Test (for Aluminum wires)	IS 10810 (Part 3)
25	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) Cables	Annealing test (for copper)	IS 17048 + AMD.1
26	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) Cables	High Voltage Test (at Room Temperature)	IS 17048 + AMD.1
27	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) Cables	Identification	IS 17048 + AMD.1
28	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) Cables	Insulation Resistance Test	IS 17048 + AMD.1



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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

3 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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29	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) Cables	Tensile strength and elongation at break of insulation and sheath	IS 17048 + AMD.1
30	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) Cables	Tensile Test (for Aluminium)	IS 17048 + AMD.1
31	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) Cables	Test for thickness of insulation and sheath,diameter of core and sheath including ovality of sheath	IS 17048 + AMD.1
32	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) Cables	Test on Conductor: Conductor Resistance Test	IS 10810 (Part 5)
33	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) Cables	Wrapping Test (for aluminium)	IS 17048 + AMD.1
34	ELECTRICAL- CABLES & WIRES	LT PVC Insulated Cables for working voltage up to & including 1100V	Annealing Test (For Copper)	IS 8130 + AMD.2
35	ELECTRICAL- CABLES & WIRES	LT PVC Insulated Cables for working voltage up to & including 1100V	Conductor resistance test	IS 8130 + AMD.2
36	ELECTRICAL- CABLES & WIRES	LT PVC Insulated Cables for working voltage up to & including 1100V	Insulation resistance test	IS 5831 + AMD.2
37	ELECTRICAL- CABLES & WIRES	LT PVC Insulated Cables for working voltage up to & including 1100V	Tensile strength and elongation at break of thermoplastic and elastomeric insulation and sheath	IS 5831 + AMD.2
38	ELECTRICAL- CABLES & WIRES	LT PVC Insulated Cables for working voltage up to & including 1100V	Tensile Test (For Aluminum)	IS 8130 + AMD.2
39	ELECTRICAL- CABLES & WIRES	LT PVC Insulated Cables for working voltage up to & including 1100V	Wrapping Test (For Aluminum)	IS 8130 + AMD.2



National Accreditation Board for Testing and Calibration Laboratories

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Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	4 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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40	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	High Voltage Test (at Room Temperature)	IS 694 + AMD.4
41	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Annealing test (for copper)	IS 1554 (Part 1) + AMD.5
42	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Annealing Test (for copper)	IS 694 + AMD.4
43	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Conductor resistance test	IS 1554 (Part 1) + AMD.5



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	5 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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44	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Core Identification	IS 1554 (Part 1) + AMD.5
45	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Core Identification	IS 694 + AMD.4
46	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Durability and Legibility of Marking	IS 694 + AMD.4
47	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Flammability test	IS 1554 (Part 1) + AMD.5



National Accreditation Board for Testing and Calibration Laboratories

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Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	6 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
48	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Flammability Test	IS 694 + AMD.4
49	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	High Voltage Test (at Room Temperature)	IS 1554 (Part 1) + AMD.5
50	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	High Voltage Test (at Room Temperature)	IS 2465 + AMD.1
51	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Identification	IS 14255 + AMD.1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	7 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
52	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Identification	IS 14494
53	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Identification	IS 1554 (Part 1) + AMD.5
54	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Identification	IS 2465 + AMD.1
55	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Identification	IS 694 + AMD.4



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	8 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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56	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Insulation Resistance Test	IS 14255 + AMD.1
57	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Insulation Resistance Test	IS 14494
58	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Insulation Resistance Test	IS 1554 (Part 1) + AMD.5
59	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Insulation Resistance Test	IS 4289 (Part 1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	9 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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60	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Insulation Resistance Test	IS 4289 (Part 2)
61	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Insulation Resistance Test	IS 694 + AMD.4
62	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Outer Sheath	IS 1554 (Part 1) + AMD.5
63	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Ovality	IS 694 + AMD.4



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	10 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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64	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Physical tests on insulation & sheath: Thickness of insulation and sheath/ Overall Dimensions	IS 1554 (Part 1) + AMD.5
65	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Physical tests on insulation & sheath: Thickness of insulation and sheath/ Overall Dimensions	IS 14255 + AMD.1
66	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Physical tests on insulation & sheath: Thickness of insulation and sheath/ Overall Dimensions	IS 14494
67	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Physical tests on insulation & sheath: Thickness of insulation and sheath/ Overall Dimensions	IS 694 + AMD.4



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	11 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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68	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Sheath	IS 694 + AMD.4
69	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Tensile strength and elongation at break of insulation and sheath	IS 1554 (Part 1) + AMD.5
70	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Tensile strength and elongation at break of insulation and sheath	IS 694 + AMD.4
71	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Tensile test (for aluminium)	IS 1554 (Part 1) + AMD.5



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	12 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
72	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Tensile test (for aluminium)	IS 694 + AMD.4
73	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Wrapping Test (for aluminium)	IS 1554 (Part 1) + AMD.5
74	ELECTRICAL- CABLES & WIRES	Paper insulated lead sheathed cables, PVC insulated armored/ unarmored Cables, PVC insulated (HD) armored/ unarmored electric cables, PE insulated cables, Cables for motor vehicle, Flexible cables for lifts and other flexible connections, XLPE insulated armored/ unarmored cables, PVC winding wires for submersible motor, Welding cables, Elastomer - Rubber insulated cables, Elastomer Cables for use in mines, Aerial bunched cable	Wrapping Test (for aluminium)	IS 694 + AMD.4
75	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V	Conductor Resistance Test	IS 694 + AMD.4
76	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium Alloy Stranded Conductor	Nominal Sizes - Measurement of Diameters	IS 398 (Part 4) + AMD.1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

13 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
77	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Alloy Stranded Conductors	Breaking Load Test	IS 398 (Part 4) + AMD.1
78	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Alloy Stranded Conductors	Direction of Lay	IS 398 (Part 4) + AMD.1
79	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Alloy Stranded Conductors	Freedom from Defects	IS 394 (Part 4) + AMD.1
80	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Alloy Stranded Conductors	Lay Ratio	IS 398 (Part 4) + AMD.1
81	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Alloy Stranded Conductors	Resistance Test	IS 398 (Part 4) + AMD.1
82	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Aluminized Steel Reinforced	Elongation Test	IS 398 (Part 3) + AMD.3
83	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Aluminized Steel Reinforced	Freedom From Defects	IS 398 (Part 3) + AMD.3
84	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Aluminized Steel Reinforced	Wrapping Test	IS 398 (Part 3) + AMD.3
85	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Aluminized-Steel Reinforced	Breaking Load Test	IS 398 (Part 3) + AMD.3



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

14 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
86	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Aluminized-Steel Reinforced	Direction of Lay	IS 398 (Part 3) + AMD.3
87	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Aluminized-Steel Reinforced	Lay Ratio	IS 398 (Part 3) + AMD.3
88	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Aluminized-Steel Reinforced	Nominal Sizes/ Measurement of Diameters	IS 398 (Part 3) + AMD.3
89	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Aluminized-Steel Reinforced	Resistance Test	IS 398 (Part 3) + AMD.3
90	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Aluminized-Steel Reinforced	Resistance Test	IS 398 (Part 3) AMD.3
91	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Galvanized Steel Reinforced	Direction of Lay	IS 398 (Part 2) + AMD.3
92	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Galvanized Steel Reinforced	Elongation Test	IS 398 (Part 2) + AMD.3
93	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Galvanized Steel Reinforced	Freedom From Defects	IS 398 (Part 2) + AMD.3
94	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Galvanized Steel Reinforced	Lay Ratio	IS 398 (Part 2) + AMD.3



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

15 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
95	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Galvanized Steel Reinforced	Resistance Test	IS 398 (Part 2) + AMD.3
96	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Galvanized Steel Reinforced	Wrapping Test	IS 398 (Part 2) + AMD.3
97	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Stranded Conductors	Direction of Lay	IS 398 (Part 1) + AMD.1
98	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Stranded Conductors	Lay Ratio	IS 398 (Part 1) + AMD.1
99	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Stranded Conductors	Nominal Sizes - Measurement of Diameters	IS 398 (Part 1) + AMD.1
100	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Alloy Stranded Conductors	Elongation Test	IS 398 (Part 4) + AMD.1
101	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors, Galvanized Steel Reinforced	Breaking load test	IS 398 (Part 2) + AMD.3
102	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors, Galvanized Steel Reinforced	Nominal Sizes - Measurement of Diameters	IS 398 (Part 2) + AMD.3
103	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Stranded Conductors	Breaking load test	IS 398 (Part 1) + AMD.1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

16 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
104	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Stranded Conductors	Resistance Test	IS 398 (Part 1) + AMD.1
105	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Stranded Conductors	Wrapping Test	IS 398 (Part 1) + AMD.1
106	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors	Conductor Resistance Test	IS 10810 (Part 5)
107	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Influence of Supply Voltage	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020(clause No. 6.10.2)
108	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Influence of Supply Voltage	IS 16444+Amd1+Amd 2 (Cl. No. 6.10.2)
109	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Spring / Impact Hammer	IS16444:2017 Part 2(clause No. 6.5)
110	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters	Protection against Penetration of Dust & Water	Cl. No. 5.2.5 of IS 15884
111	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters	Resistance to Heat and Fire	Cl. No. 5.2.4 of IS 15884



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	17 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
112	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters	Shock Test	IS 9000 Part-7 Sec 1-5
113	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters	Spring/ Impact Hammer Test	IEC 60068-2-75
114	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	ac High Voltage test	IS 13779 Cl. No.12.7.6.3
115	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Ambient Temperature Influence	Cl No. 12.12 of IS 13779
116	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Cold Test	Cl. 12.6.2 of IS 13779
117	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Damp Heat Test	Cl. No. 12.6.3 of IS 13779
118	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Dry Heat Test	Cl. No. 12.6.1 of IS 13779



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

18 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
119	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	General and Constructional Requirements (General, Meter case , Window ,Terminals, Terminal block(s) & Protective Earth Terminal, Terminal Cover(s), Clearance and Creepage Distance, Insulating Encased Meter, Display of Measured Values, Output Device)	Cl. No. 6 of IS 13779
120	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Impulse Voltage withstand Test	IS 13779 Cl. No.12.7.6.2
121	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Insulation Resistance	Cl. No.12.7.6.4 of IS 13779
122	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Insulation Resistance	Cl. No.12.7.6.4 of IS13779
123	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Interpretation of Test Results and Adjustments	Cl. No.12.16 of IS 13779
124	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Interpretation of Test Results and Adjustments	Cl. No.12.16 of IS13779



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

19 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
125	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Marking of Meters (Name Plate, Connection, Diagrams and Terminal Marking)	Cl. No. 7 of IS 13779
126	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Meter Constant	Cl. No.12.15 of IS 13779
127	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	No Load Condition / Running with no load	Cl No.12.13 of IS 13779
128	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Power Consumption / Power Loss	Cl No. 12.7.1 of IS 13779
129	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Protection against Penetration of Dust & Water	Cl. No. 12.5 of IS 13779
130	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Repeatability of Error	Cl No. 12.17 of IS 13779
131	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Resistance to Heat and Fire	Cl. No. 12.4 of IS 13779



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

20 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
132	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Resistance to Heat and Fire	Cl. No. of IS 11000 (Part 1 & 2)
133	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Resistance to Heat and Fire	IS 11000 (Part 1 & 2)
134	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Shock Test	Cl. No. 12.3.1 of IS 13779
135	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Shock Test	Cl. No. 12.3.1 of IS 13779
136	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Spring Impact Hammer Test	Cl. No. 12.3.3 of IS 13779
137	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Starting Conditions Initial startup of meters	Cl. No. 12.14 of IS 13779
138	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Test of Influence of Heating	Cl. No. 12.7.5 of IS 13779



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-15149 **Page No** 21 of 187

Validity 20/12/2024 to 19/12/2028 **Last Amended on** -

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
139	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Test of Influence of Immunity to Earth fault test	Cl. No. 12.8 of IS 13779
140	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Test of Influence of Self Heating	Cl. No. 12.7.4 of IS 13779
141	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Test of Influence of Short-time Over current	Cl. No. 12.7.3 of IS 13779
142	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Test of Influence of Supply Voltage/ Test of Effect of Voltage Dips and Short Interruptions	Cl No. 12.7.2 of IS 13779



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

22 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
143	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Test of influence Quantities (1) Voltage variation (2) Frequency variation (3) Wave form: 10% of third harmonics in current (4) Reversed Phase Sequence (5) Voltage Unbalance (6) DC & Even Harmonics in AC current circuit (7) Continuous Magnetic induction of external origin 67 mTesla DC (8) Magnetic induction of external origin 0.5 mTesla (9) Operation of Accessories (10) Continuous Abnormal Magnetic induction of external origin 0.2 Tesla DC (11) Abnormal ac Magnetic induction of external origin	Cl No. 12.11 of IS 13779
144	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Test on Limits of Errors / Accuracy Requirement	Cl. No.11.1 of IS 13779
145	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Test on Limits of Errors / Accuracy Requirement	Cl. No.11.1 of IS13779
146	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Protection against penetration of Dust and water	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020 (clause No. 6.5)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	23 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
147	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Cold Test	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020 (clause No. 6.9)
148	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Interpretation of Test Results	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020 (clause No. 6.12): 2019
149	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	NO-LOAD CONDITION TEST	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020 (clause No. 6.12): 2019
150	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Shock Test	IS 16444
151	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Test of Influence of Self-Heating	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020 (clause No. 6.10.4): 2019



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	24 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
152	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Test of influence quantities - Continuous magnetic induction of external origin - 1000AT - Magnetic induction of external Origin-400AT - Continuous abnormal magnetic induction of external origin:0.2T DC - Abnormal ac magnetic induction of external origin (2800AT =10mT) - Continuous DC stray magnetic induction of external origin 67mT	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020 (clause No. 6.12): 2019
153	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Verification of Initial start-up of the meter and test of starting condition	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020 (clause No. 6.12): 2019
154	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Protection against penetration of Dust and water	IS 16444+Amd 1+Amd 2 (Cl. No. 6.5)
155	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Cold Test	IS 16444+Amd 1+Amd 2 (Cl. No. 6.9)
156	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Interpretation of Test Results	IS 16444+Amd 1+Amd 2 (Cl. No. 6.12)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

25 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
157	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	NO-LOAD CONDITION TEST	IS 16444+Amd 1+Amd 2 (Cl. No. 6.12)
158	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Test of Influence of Self-Heating	IS 16444+Amd 1+Amd 2 (clause No. 6.10.4)
159	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Test of influence quantities - Continuous magnetic induction of external origin - 1000AT - Magnetic induction of external Origin-400AT - Continuous abnormal magnetic induction of external origin:0.2T DC - Abnormal ac magnetic induction of external origin (2800AT =10mT) - Continuous DC stray magnetic induction of external origin 67mT	IS 16444+Amd 1+Amd 2 (Clause No. 6.12)
160	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Verification of Initial start-up of the meter and test of starting condition	IS 16444+Amd1+Amd2 (Clause No. 6.12)
161	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	AC Voltage Test	IS 16444 :2015+Amd1:2017:+Amd 2:2019, RA:2020 (clauseNo. 6.10.6)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	26 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
162	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	AC Voltage Test	IS 16444+Amd 1+Amd 2(ClauseNo. 6.10.6)
163	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Ambient Temperature Influence	IS 16444 :2015+Amd1:2017:+Amd 2:2019, RA:2020 (clauseNo. 6.12): 2019
164	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Ambient Temperature Influence	IS 16444+Amd1+Amd2 (clauseNo. 6.12)
165	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Damp Heat Cycle Test	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020(clause No. 6.9)
166	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Damp Heat Cycle Test	IS 16444+Amd 1+Amd 2 (Clause No. 6.9)
167	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Dry Heat	IS16444:2015 (amendment 1:2017) (clause No. 6.9)
168	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	General and constructional requirements, Clearance and Creepage distances, Display of values, Output device, Marking of Smart meter	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020(clause No. 6.2, 6.3, 6.6, 6.7, 6.8)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	27 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
169	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	General and constructional requirements, Clearance and Creepage distances, Display of values, Output device, Marking of Smart meter	IS 16444+Amd 1+Amd 2 (Clause No. 6.2, 6.3, 6.6, 6.7, 6.8)
170	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Immunity to Earth Fault	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020 (clause No. 6.10.7): 2019
171	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Immunity to Earth Fault	IS 16444+Amd 1+Amd 2 (Clause No. 6.10.7)
172	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Impulse Voltage Test	16444 :2015+Amd1:2017:+Amd 2:2019, RA:2020 (clauseNo. 6.10.6)
173	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Impulse Voltage Test	IS 16444+Amd 1+Amd 2 (ClauseNo. 6.10.6)
174	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Influence of Heating	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020(clause No. 6.10.5)
175	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Influence of Heating	IS 16444+Amd 1+Amd 2 (Clause No. 6.10.5)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

28 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
176	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Influence of Short Time Over Currents	IS 16444 :2015+Amd1:2017:+Amd 2:2019, RA:2020 (clauseNo. 6.10.3): 2019
177	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Influence of Short Time Over Currents	IS 16444+Amd 1+Amd 2 (Clause No. 6.10.3)
178	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Insulation Resistance Test	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020 (clause No. 6.10.6)
179	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Insulation Resistance Test	IS 16444+Amd 1+Amd 2 (Clause No. 6.10.6)
180	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	LIMITS OF ERROR	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020 (clause No. 6.12)
181	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	LIMITS OF ERROR	IS 16444+Amd 1+Amd 2 (Clause No. 6.12)
182	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Meter Constant	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020 (clause No. 6.12): 2019



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

29 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
183	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Meter Constant	IS 16444+Amd 1+Amd 2 (Clause No. 6.12)
184	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Repeatability of Error	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020 (clause No. 6.12): 2019
185	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Repeatability of Error	IS 16444+Amd 1+Amd 2 (Clause No. 6.12)
186	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Shock Test	IS 16444+Amd 1+Amd 2 (Clause No. 6.5)
187	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Spring Hammer test	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020 (clause No. 6.5)
188	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Spring Hammer test	IS 16444+Amd 1+Amd 2 (Clause No. 6.5)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	30 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
189	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Test of influence quantities- Voltage Variation-Frequency Variation-Reverse phase sequence-Voltage unbalance- Wave form: 10% of 3rd harmonics in current circuit- Operation of accessories-DC and even harmonics in AC current circuit	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020 (clause No. 6.12.): 2019
190	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Test of influence quantities- Voltage Variation-Frequency Variation-Reverse phase sequence-Voltage unbalance- Wave form: 10% of 3rd harmonics in current circuit- Operation of accessories-DC and even harmonics in AC current circuit	IS 16444+Amd1+Amd2 (clause No. 6.12.)
191	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Test of Power Consumption	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020(clause No. 6.10.1)
192	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Test of Resistance to Heat and Fire	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020 (clause No. 6.5)
193	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Test of Resistance to Heat and Fire	IS 16444+Amd 1+Amd 2 (Clause No. 6.5)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

31 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
194	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Test of Power Consumption / Power Loss Test	IS 16444:2017 Part 2(clause No. 6.10.1)
195	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Influence of Supply Voltage	IS 16444 (Part 2):2017+Amd 1: 2019 (clause No. 6.10.2): 2019
196	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Test of Resistance to Heat and Fire	IS 16444 (Part 2):2017+Amd 1: 2019 (clause No. 6.5)
197	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Influence of Supply Voltage	IS 16444 (Part 2)+Amd 1(Clause No. 6.10.2)
198	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Test of Resistance to Heat and Fire	IS 16444 (Part 2) +Amd 1 (Clause No. 6.5)
199	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	AC Voltage test	IS 16444 (Part 2):2017+Amd 1: 2019 clause No. 6.10.6)
200	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	AC Voltage test	IS 16444 (Part 2)+Amd 1 (Clause No. 6.10.6)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-15149 **Page No** 32 of 187

Validity 20/12/2024 to 19/12/2028 **Last Amended on** -

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-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Ambient TemperatureInfluence	IS 16444 (Part 2):2017+Amd 1:2019 (clause No. 6.12): 2019
202	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Ambient TemperatureInfluence	IS 16444 (Part 2)+Amd 1 (Clause No. 6.12)
203	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Dry Heat Test	IS 16444 (Part 2)+Amd 1 (Clause No. 6.9)
204	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Dry Heat Test	Test IS 16444 (Part 2):2017+Amd 1: 2019 (clause No. 6.9)
205	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	General and Constructional Requirements (Flammability) and Marking of Meters	IS16444:2017 Part 2 (clause No. 6.2)
206	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	General and Constructional Requirements (Flammability) and Marking of Meters	IS16444 (Part 2) (clause No. 6.2)
207	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	General and constructional requirements, Clearance and Creepage distances, Display of values, Output device, Marking of Smart meter	IS 16444 (Part 2):2017+Amd 1: 2019 (clause No. 6.2, 6.3, 6.6, 6.7, 6.8)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	33 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
208	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	General and constructional requirements, Clearance and Creepage distances, Display of values, Output device, Marking of Smart meter	IS 16444 (Part 2)+Amd 1 (Clause No. 6.2, 6.3, 6.6, 6.7, 6.8)
209	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Immunity to Earth Fault	IS 16444 (Part 2):2017+Amd 1:2019(clause No. 6.10.7): 2019
210	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Immunity to Earth Fault	IS 16444 (Part 2)+Amd 1 (Clause No. 6.10.7)
211	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Impulse Voltage Test	IS 16444 (Part 2):2017+Amd 1: 2019 (clause No. 6.10.6): 2019
212	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Impulse Voltage Test	IS 16444 (Part 2)+Amd 1 (Clause No. 6.10.6)
213	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Influence of Heating	IS 16444 (Part 2):2017+Amd 1: 2019 (clause No. 6.10.5): 2019
214	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Influence of Heating	IS 16444 (Part 2)+Amd 1 (Clause No. 6.10.5)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

34 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Influence of Heating	IS16444 (Part 2) (Clause No. 6.10.5)
216	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Influence of Heating	IS16444:2017 Part 2(clause No. 6.10.5)
217	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Influence of Self-Heating	IS 16444 (Part 2):2017+Amd 1: 2019 (clause No. 6.10.4): 2019
218	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Influence of Self-Heating	IS 16444 (Part 2)+Amd 1 (Clause No. 6.10.4)
219	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Influence of Short Time Over currents	IS 16444 (Part 2):2017+Amd 1: 2019 (clause No. 6.10.3): 2019
220	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Influence of Short Time Over currents	IS 16444 (Part 2)+Amd 1 (Clause No. 6.10.3)
221	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Initial start-up of the meter	IS 16444 (Part 2):2017+Amd 1: 2019 (clause No. 6.12): 2019



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

35 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
222	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Initial start-up of the meter	IS 16444 (Part 2)+Amd 1 (Clause No. 6.12)
223	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Insulation Resistance Test	IS 16444 (Part 2):2017+Amd 1: 2019 (clause No. 6.10.6): 2019
224	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Insulation Resistance Test	IS 16444 (Part 2)+Amd 1 (Clause No. 6.10.6)
225	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Interpretation of Test Results	IS 16444 (Part 2):2017+Amd 1: 2019 (clause No. 6.12): 2019
226	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Interpretation of Test Results	IS 16444 (Part 2)+Amd 1 (Clause No. 6.12)
227	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Limits of Errors	IS16444 (Part 2) (Clause No. 6.12)
228	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Limits of Errors	IS16444:2017 Part 2(clause No. 6.12)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

36 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
229	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Meter Constant	IS 16444 (Part 2):2017+Amd 1: 2019(clause No. 6.12): 2019
230	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Meter Constant	IS 16444 (Part 2)+Amd 1 (Clause No. 6.12)
231	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Meter Constant	IS16444 (Part 2) (Clause No. 6.12)
232	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Meter Constant	IS16444:2017 Part 2(clause No. 6.12)
233	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	No load Condition	IS16444 (Part 2) (Clause No. 6.12)
234	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	No load Condition	IS16444:2017 Part 2(clause No. 6.12)
235	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Repeatability of Errors	IS 16444 (Part 2) (Clause No. 6.12)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

37 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
236	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Repeatability of Errors	IS 16444:2017 Part 2 (clause No. 6.12)
237	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Running with No-Load	IS 16444 (Part 2)+Amd 1 (Clause No. 6.12)
238	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Running with No-Load	IS 16444:2017 Part 2 (amendment 1:2019) (clause No. 6.12): 2019
239	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Spring / Impact Hammer	IS 16444 (Part 2) (Cl. No. 6.5)
240	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Spring Hammer test	IS 16444 (Part 2):2017+Amd 1:2019 (clause No. 6.5)
241	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Spring Hammer test	IS 16444 (Part 2)+Amd 1 (Clause No. 6.5)
242	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Start Up Test of energy meters	IS16444 (Part 2) (Clause No. 6.12)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

38 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
243	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Start Up Test of energy meters	IS16444:2017 Part 2(clause No. 6.12)
244	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Starting Conditions	IS16444 (Part 2) (Clause No. 6.12)
245	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Starting Conditions	IS16444:2017 Part 2(clause No. 6.12)
246	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Test of influence quantities - Continuous magnetic induction of external origin - 1000AT - Magnetic induction of external Origin-400AT - Continuous abnormal magnetic induction of external origin:0.2T DC - Abnormal ac magnetic induction of external origin (2800AT =10mT) - Continuous DC stray magnetic induction of external origin 67mT	IS 16444 (Part 2):2017+Amd 1: 2019 (clause No. 6.12)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-15149
Validity	20/12/2024 to 19/12/2028
Page No	39 of 187
Last Amended on	-

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
247	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Test of influence quantities - Voltage variation, Frequency Variation, Reverse phase sequence, Voltage unbalance, Auxiliary Voltage, Wave form: 10% of 3rd harmonics in current circuit, Phase of Auxiliary supply voltage by 120° operation of accesories	IS 16444 (Part 2):2017+Amd 1: 2019 (clause No. 6.12): 2019
248	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Test of influence quantities - Continuous magnetic induction of external origin - 1000AT - Magnetic induction of external Origin-400AT - Continuous abnormal magnetic induction of external origin:0.2T DC - Abnormal ac magnetic induction of external origin (2800AT =10mT) - Continuous DC stray magnetic induction of external origin 67mT	IS 16444 (Part 2)+Amd 1 (Clause No. 6.12)
249	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Test of influence quantities - Voltage variation, Frequency Variation, Reverse phase sequence, Voltage unbalance, Auxiliary Voltage, Wave form: 10% of 3rd harmonics in current circuit, Phase of Auxiliary supply voltage by 120° operation of accesories	IS 16444 (Part 2)+Amd 1 (Clause No. 6.12)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

40 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
250	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Test of Protection Against Penetration of Dust and Water	IS 16444 (Part 2):2017+Amd 1: 2019 (clause No. 6.5)
251	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Test of Protection Against Penetration of Dust and Water	IS 16444 (Part 2)+Amd 1 (Clause No. 6.5)
252	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Tests of Effect of Voltage Dips and Short Interruptions	IS 16444 (Part 2) (Clause No. 6.10.2)
253	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Tests of Effect of Voltage Dips and Short Interruptions	IS 16444:2017 Part 2(clause No. 6.10.2)
254	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S	Cold Test	Cl. No. 12.6.2 of IS 14697
255	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S	Damp Heat Test	Cl. No. 12.6.3 of IS 14697
256	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S	Dry Heat Test	Cl. No. 12.6.1 of IS 14697



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

41 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
257	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S	Shock Test	Cl. No. 12.3.1 of IS 14697
258	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S	Test of Influence of Self Heating	Cl. No. 12.7.4 of IS 14697
259	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S	Test of Influence of Short-time Over current	Cl No. 12.7.3 of IS 14697
260	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	ac High Voltage	Cl. 12.7.6.3 of IS 14697
261	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	General and Constructional Requirements (General, Meter case , Window ,Terminals, Terminal block(s) & Protective Earth Terminal, Terminal Cover(s), Clearance and Creepage Distance, Insulating Encased Meter, Display of Measured Values, Output Device)	Cl. No. 6 of IS 14697
262	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Impulse Voltage withstand Test	IS 14697 Cl.12.7.6.2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

42 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
263	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Interpretation of Test Results and Adjustments	Cl. No.12.15 of IS14697
264	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Marking of Meters (Name Plate, Connection, Diagrams and Terminal Marking)	Cl. No. 7 of IS 14697
265	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	No load Condition / Running with no load	Cl No. 12.12 of 14697
266	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Power Consumption / Power Loss	Cl No. 12.7.1 of IS 14697
267	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Protection against Penetration of Dust & Water	Cl. No. 12.5 of IS 14697
268	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Repeatability of Error	Cl No. 12.16 of IS 14697
269	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Resistance to Heat and Fire	Cl. No. 12.4 of IS 14697



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	43 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
270	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Shock Test	Cl. No. 12.3.1 of IS 14697
271	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Spring/ Impact Hammer Test	Cl. No. 12.3.3 of IS 14697
272	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Test of Meter Constant	Cl No. 12.14 of IS 14697
273	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Test of Ambient Temperature Influence	Cl. No. 12.11 of IS 14697
274	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Test of Influence of Heating	Cl. No. 12.7.5 of IS 14697
275	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Test of Influence of Immunity to Earth fault test	Cl. No. 12.17 of IS 14697
276	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Test of Influence of Short-time Over current	Cl. No. 12.7.3 of IS 14697



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

44 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
277	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Test of Influence of Supply Voltage/ Test of Effect of Voltage Dips and Short Interruptions	Cl No. 12.7.2 of IS 14697
278	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Test of influence Quantities (1) Voltage variation (2) Frequency variation (3) Wave form: 10% of third harmonics in current (4) Reversed Phase Sequence (5) Voltage Unbalance (6) Auxiliary Voltage $\pm 15\%$ (7) Continuous Magnetic induction of external origin 67 mTesla DC (8) Magnetic induction of external origin 0.5 mTesla (9) Operation of Accessories (10) Continuous Abnormal Magnetic induction of external origin 0.2 Tesla DC (11) Abnormal ac Magnetic induction of external origin 10 mTesla AC (12) P	Cl No. 12.10 of IS 14697
279	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Test of Starting Condition, Initial start up of meters	Cl. No.12.13 of IS14697
280	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Test on Limits of Errors / Accuracy Requirement	Cl. No.11.1 of IS 14697



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	45 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
281	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Test on Limits of Errors / Accuracy Requirement	Cl. No.11.1 of IS14697
282	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static transformer operated watthour and var - Hour smart meters, class 0.2 S, 0.5 S and 1.0 S: Part 2 specification transformer operated smart meters	Test on Limits of Errors / Accuracy Requirement	Cl. No. 6.12 of IS 16444
283	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	ac High Voltage	Cl. No. 5.4.6.3 of is 15884
284	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Ambient Temperature Influence	Cl. No. 4.6.3 of IS 15884
285	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Cold Test	Cl. No. 5.3.2 of IS 15884
286	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Damp Heat Test	Cl. No. 5.3.3 of IS 15884
287	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Dry Heat Test	Cl. No. 5.3.1 of IS 15884



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	46 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
288	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	General and Constructional Requirements (General, Meter case , Window ,Terminals, Terminal block(s) & Protective Earth Terminal, Terminal Cover(s), Clearance and Creepage Distance, Insulating Encased Meter, Display of Measured Values, Output Device)	Cl. No. of IS 15884
289	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Impulse Voltage withstand Test	Cl. No. 5.4.6.2 of IS 15884
290	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Insulation Resistance	Cl. No. 5.4.6.4 of IS 15884
291	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Interpretation of Test Results and Adjustments	Cl. No.5.6.6 of IS15884
292	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Marking of Meters (Name Plate, Connection, Diagrams and Terminal Marking)	Cl. No. of IS 15884
293	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	No Load Condition / Running with no load	Cl. No. 5.6.3 of IS 15884



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

47 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
294	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Power Consumption / Power Loss	Cl No. 5.4.1 of IS 15884
295	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Repeatability of Error	Cl. No. 5.6.7 of IS 15884
296	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Shock Test	Cl. No. 5.2.2 of IS 15884
297	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Shock Test	Cl. No. 5.2.2 of IS 15884
298	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Spring/ Impact Hammer Test	Cl. No. 5.2.1 of IS 15884
299	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Starting Conditions , Initial startup of meters	Cl No. 5.6.4 of IS 15884
300	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Test of Influence of Heating	Cl. No. 5.4.5 of IS 15884



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	48 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Test of Influence of Immunity to Earth fault test	Cl. No. 4.4.2.6 of IS 15884
302	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Test of Influence of Self Heating	Cl. No. 5.4.4 of IS 15884
303	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Test of Influence of Short-time Over current	Cl. No. 5.4.3 of IS 15884
304	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Test of Influence of Supply Voltage/ Test of Effect of Voltage Dips and Short Interruptions	Cl. No. 4.4.2 & 5.4.2 of IS 15884



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

49 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
305	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Test of influence Quantities (1) Voltage variation (2) Frequency variation (3) Wave form: 10% of third harmonics in current (4) Reversed Phase Sequence (5) Voltage Unbalance (6) DC & Even Harmonics in AC current circuit (7) Continuous Magnetic induction of external origin 67 mTesla DC (8) Magnetic induction of external origin 0.5 mTesla (9) Operation of Accessories (10) Continuous Abnormal Magnetic induction of external origin 0.2 Tesla DC (11) Abnormal ac Magnetic induction of external origin	Cl No. 4.6.2 of IS 15884
306	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Test on Limits of Errors / Accuracy Requirement	Cl. No 4.6.1 of IS 15884
307	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	ac High Voltage	Cl. No. 5.4.6.3 of IS 15884



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

50 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
308	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	General and Constructional Requirements (General, Meter case , Window ,Terminals, Terminal block(s) & Protective Earth Terminal, Terminal Cover(s), Clearance and Creepage Distance, Insulating Encased Meter, Display of Measured Values, Output Device)	Cl. No. 4.2 of IS 15884
309	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating current direct connected static prepayment meters for active energy (Class 1 And 2)	Test of Meter Constant	Cl. No. 5.6.5 of IS 15884
310	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Fast load current variations	9.4.12 of IEC 62052-11:2020
311	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy M	Cold Test	Cl. No. 5.2.3 of CBIP 111
312	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy M	Cold Test	Cl. No. 5.3.2 of CBIP Publication 304
313	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy M	Cold Test	Cl. No. 5.3.2 of CBIP Publication No.325



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

51 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
314	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy M	Damp Heat Test	Cl. No. 5.3.3 of CBIP Publication no. 304
315	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy M	Dry Heat Test	Cl. No. 5.3.1 of CBIP Publication No. 325
316	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Marking of Meters (Name Plate, Connection, Diagrams and Terminal Marking)	Cl. No. 4 of CBIP Publication No.: 304
317	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Marking of Meters (Name Plate, Connection, Diagrams and Terminal Marking)	Cl. No. 4 of CBIP Publication No.: 325
318	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Protection against Penetration of Dust & Water	Cl. No. of IS/IEC 60529
319	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Protection against Penetration of Dust & Water	Cl. No. 5.2.5 of CBIP Publication No.: 304
320	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Protection against Penetration of Dust & Water	Cl. No. 5.2.5 of CBIP Publication No.: 325



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

52 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
321	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Resistance to Heat and Fire	Cl. No. 5.2.4 of CBIP Publication No.: 304
322	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Resistance to Heat and Fire	Cl. No. 5.2.4 of CBIP Publication No.: 325
323	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Spring/ Impact Hammer Test	Cl. No. 5.2.1 of CBIP Publication No.: 304
324	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Spring/ Impact Hammer Test	Cl. No. 5.2.1 of CBIP Publication No.: 325
325	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test of Ambient Temperature Influence	Cl. No. 5.6.3 of CBIP Publication No.: 304
326	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test of Influence of Immunity to Earth fault test	Cl. No. 4.4.7 of CBIP Publication No.: 304
327	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test of Influence of Immunity to Earth fault test	Cl. No. 4.4.7 of CBIP Publication No.: 325



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

53 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
328	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test of No Load Condition/ Running with no load	Cl. No. 5.6.5 of CBIP Publication No.: 325
329	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test of Starting Conditions, Initial start up of meters	Cl. No. 5.6.5 of CBIP Publication No.: 304
330	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Protection against Penetration of Dust & Water	IS/IEC 60529
331	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	ac High Voltage	Cl. 5.4.6.2CBIP 325
332	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	ac High Voltage	Cl. 5.4.6.2 CBIP 304
333	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Ambient Temperature Influence	Cl. No. 5.6.3 of CBIP Publication 325
334	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Ambient Temperature Influence	Cl. No. 9.4.4 of IEC 62052-11



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

54 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
335	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Cold Test	Cl. No. 8.3.4 of IEC 62052-11
336	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Cold Test	IEC 60068-2-1
337	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Cold Test	IS 9000 Part 2
338	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Damp Heat cyclic Test	Cl. No. 8.3.5 of IEC 62052-11
339	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Damp Heat Test	Cl. No. 5.2.4 of CBIP 111
340	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Damp Heat Test	Cl. No. 5.3.3 of CBIP Publication No. 325
341	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Dry Heat Test	Cl. No. 5.3.1 of CBIP Publication No. 304



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	55 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
342	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Impulse Voltage withstand Test	Cl. No. 5.4.6.2 of CBIP 304
343	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Impulse Voltage withstand Test	Cl. No. 5.4.6.2 of CBIP 325
344	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Insulation Resistance Test	Cl. No. 5.4.6.4 of CBIP 304
345	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Insulation Resistance Test	Cl. No. 5.4.6.4 of CBIP 325
346	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Interpretation of Test Results and Adjustments	Cl. 5.6.7 CBIP 304
347	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Interpretation of Test Results and Adjustments	Cl. 5.6.7 CBIP 325



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

56 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
348	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Limits of error due to influence quantities:- Voltage variation, Frequency variation, Reversed phase sequence, Interruption of phase voltage, Auxiliary voltage variation, Harmonics in the current and voltage circuits 5th harmonic test, Inter harmonics in the current circuit - burst fired waveform test, Odd harmonics in the current circuit, DC and even harmonics - half wave rectified waveform test, Operation of auxiliary devices	IEC 62052-11 (Cl. 7.10 & 9.4) 62052-11
349	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Limits of Errors/ Accuracy Requirement	Cl. 4.6.2 CBIP 325
350	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Limits of Errors/Accuracy Requirement	Cl. No. 5 of IS 12346
351	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Meter Constant	Cl. 7.4 IEC 62052-11
352	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Power Consumption / Power Loss	Cl. 5.4.1 of CBIP Publication 304



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

57 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
353	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Power Consumption / Power Loss	Cl. 5.4.1 of CBIP Publication 325
354	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Repeatability of Error	Cl. 5.6.9 of CBIP Publication
355	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Repeatability of Error	Cl. No. 5.6.9 of CBIP Publication 325
356	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test of Influence of Heating	Cl. No. 5.4.5 of CBIP Publication No.: 304
357	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test of Influence of Heating	Cl. No. 5.4.5 of CBIP Publication No.: 325
358	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test of Influence of Self Heating	Cl. No. 5.4.4 of CBIP Publication No.: 304
359	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test of Influence of Self Heating	Cl. No. 5.4.4 of CBIP Publication No.: 325



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	58 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
360	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test of Influence of Short-time Over current	Cl. 5.6.9 of CBIP Publication 304
361	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test of Influence of Short-time Over current	Cl. No. 5.4.3 of CBIP Publication No.: 325
362	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test of Influence of Short-time Over current	Cl. No. 5.4.3 of CBIP Publication No.: 325
363	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test of Influence of Supply Voltage/ Test of Effect of Voltage Dips and Short Interruptions	Cl. 5.4.2 of CBIP Publication 304
364	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test of Influence of Supply Voltage/ Test of Effect of Voltage Dips and Short Interruptions	Cl. 5.4.2 of CBIP Publication 325



National Accreditation Board for Testing and Calibration Laboratories

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Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	59 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
365	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test of influence Quantities (1) Voltage variation (2) Frequency variation (3) Wave form: 10% of third harmonics in current (4) Reversed Phase Sequence (5) Voltage Unbalance (6) DC & Even Harmonics in AC current circuit (7) Continuous Magnetic induction of external origin 67 mTesla DC (8) Magnetic induction of external origin 0.5 mTesla (9) Operation of Accessories (10) Continuous Abnormal Magnetic induction of external origin 0.2 Tesla DC (11) Abnormal ac Magnetic induction of external origin	Cl. 5.6.2 of CBIP Publication 304



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

60 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
366	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test of influence Quantities (1) Voltage variation (2) Frequency variation (3) Wave form: 10% of third harmonics in current (4) Reversed Phase Sequence (5) Voltage Unbalance (6) DC & Even Harmonics in AC current circuit (7) Continuous Magnetic induction of external origin 67 mTesla DC (8) Magnetic induction of external origin 0.5 mTesla (9) Operation of Accessories (10) Continuous Abnormal Magnetic induction of external origin 0.2 Tesla DC (11) Abnormal ac Magnetic induction of external origin	Cl. 5.6.2 of CBIP Publication 325
367	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test of Starting Condition, Initial start up of meters	Cl. 5.6.5 CBIP 325
368	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test on Limits of Errors / Accuracy Requirement	Cl. 4.6.3 CBIP 304
369	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & General Equipment test	Protection against Penetration of Dust & Water General Test condition	Cl. No. 5.9 of IEC 62052-11



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	61 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
370	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Construction requirements: Window (Cl. 5.3), Sealing provisions (Cl. 5.5), Display of measured values (Cl. 5.6), Storage of measured values (Cl.5.7), Operation indicator (Cl. 5.8.4), Auxiliary Power Supply (Cl. 5.10)	IEC 62052-11 (Cl. 5.3, 5.5, 5.6, 5.7, 5.8.4, 5.10)
371	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Damp Heat Test	IEC 60068-2-30
372	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Damp Heat Test	IS 9000 part V
373	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Dry Heat Test	Cl. No. 8.3.3 of IEC 62052-11
374	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Dry Heat Test	IEC 60068-2-2
375	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Dry Heat Test	IS 9000 Part 3 Sec 1 to 5



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	62 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
376	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	General and Constructional Requirements (General, Meter case , Window ,Terminals, Terminal block(s) & Protective Earth Terminal, Terminal Cover(s), Clearance and Creepage Distance, Insulating Encased Meter, Display of Measured Values, Output Device)	Cl. No. 5 of IEC 62052-11
377	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Influence of Immunity to Earth fault test	Cl. No. 9.14.13 of IEC 62052-11
378	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Interpretation Of Test Results and adjustments	IEC 62052-11
379	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Marking of Meters (Name Plate, Connection, Diagrams and Terminal Marking)	Cl. No. 6 of IEC 62052-11
380	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	No Load Condition / Running with No Load	Annex F Sr. No 7.6 of IEC 62052-11
381	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	No Load Condition / Running with no load	Cl No. 5.6.4 of CBIP Publication 304



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	63 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
382	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Power Consumption / Power Loss	Cl. No. 4.4 of IEC 65053-21
383	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Power Consumption / Power Loss	Sr. No. 3.1 Anex F of IEC 62052-11
384	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Resistance to Heat and Fire	Cl. No. of IEC 60695-2-10
385	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Resistance to Heat and Fire	Cl. No. 5.8 of IEC 62052-11
386	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Resistance to Heat and Fire	IEC 60695-2-10
387	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Shock Test	Cl. No. 5.2.1 of IEC 62052-11
388	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Test of Influence of Self Heating	Cl. No. 9.4.11 of IEC 62052-11



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	64 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
389	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Test of Influence of Short-time Over current	IEC 62052-11 (Cl. 9.4.10)
390	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy	Fast load current variations	9.4.12 of IEC 62053-22:2020
391	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy	Fast load current variations	9.4.12 of IEC 62053-23:2020
392	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Fast load current variations	9.4.12 of IEC 62053-21:2020
393	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Protection against Penetration of Dust & Water	Cl. No. 5.9 of IEC 62052-11, IEC 62053-22 ,



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

65 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
394	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Test of influence Quantities (1) Voltage variation (2) Frequency variation (3) Wave form: 10% of third harmonics in current (4) Reversed Phase Sequence (5) Voltage Unbalance (6) DC & Even Harmonics in AC current circuit (7) Continuous Magnetic induction of external origin 67 mTesla DC (8) Magnetic induction of external origin 0.5 mTesla (9) Operation of Accessories (10) Continuous Abnormal Magnetic induction of external origin 0.2 Tesla DC (11) Abnormal ac Magnetic induction of external origin	Cl. No. 7.10 of IEC 62053-22
395	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Test of Starting Condition, Initial start up of meters	Cl. No. 7.5 of IEC 62053-22
396	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Dry Heat Test	Cl. No. 8 of IEC 62053-22
397	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Marking of Meters (Name Plate, Connection, Diagrams and Terminal Marking)	Cl. No. 6 & 5 of IEC 62053-22



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

66 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
398	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Resistance to Heat and Fire	Cl. No. 5.8 of IEC 62052-11
399	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Ambient Temperature Influence	Cl. No. 7.10 of IEC 62053-22
400	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Damp Heat Cyclic Test	Clause No. 8 IEC 62053-22
401	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Damp Heat Test	Cl. No. 8 pf IEC 62053-22
402	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	General and Constructional Requirements (General, Meter case , Window ,Terminals, Terminal block(s) & Protective Earth Terminal, Terminal Cover(s), Clearance and Creepage Distance, Insulating Encased Meter, Display of Measured Values, Output Device)	Cl. No. 5 of IEC 62053-22
403	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Impulse Voltage withstand Test	IEC 62053-22



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

67 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
404	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Interpretation of Test Results and Adjustments	Cl. No. 8.6 of IEC 62053-22
405	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Meter Constant	Cl. No. 7.4 of IEC 62053-22
406	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	No Load Condition / Running With No Load	Cl. No. 7.6 of IEC 62053-22
407	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Power Consumption / Power Loss	Cl. No. 4.4 of IEC 62053-22
408	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Spring/ Impact Hammer Test	Cl. No.5 of IEC 62053-22
409	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Test of Influence of Heating	Cl. No. 7.2 of IEC 62053-22
410	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Test of Influence of Immunity to Earth fault test	Cl. No. 7.4 of IEC 62052-11



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

68 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
411	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Test of Influence of Supply Voltage/ Test of Effect of Voltage Dips and Short Interruptions	IEC 62053-22
412	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Test on Limits of Errors / Accuracy Requirement	Cl. No. 7.9 of IEC 62053-22
413	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2	Test of Starting Condition, Initial startup of meters	Cl. No. 7.7. of IEC 62053-21
414	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2	Ambient Temperature Influence	IEC 62053-21 (Cl. 7.10 & Table 4)
415	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2	Cold Test	Cl. No. 6.3.2 o IEC 62053-21
416	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2	Damp Heat Test	Cl. No. 8 of IEC 62053-21
417	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2	Dry Heat Test	Cl. No. 6.3.1 of IEC 62053-21



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

69 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
418	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2	Test of Influence of Heating	Cl. No. 7.10 of IEC 62053-21
419	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2	Test of Influence of Self Heating	Cl. No. 7.10 of IEC 62053-21
420	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2	Test of Influence of Short-time Over current	IEC 62054-21:2004+AMD1:2017
421	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2	Test of Influence of Short-time Over current	IEC 62054-21+AMD 1
422	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2	Test on Limits of Errors / Accuracy Requirement	Cl. No. 8.1 of IEC 62053-21
423	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	General and Constructional Requirements (General, Meter case , Window ,Terminals, Terminal block(s) & Protective Earth Terminal, Terminal Cover(s), Clearance and Creepage Distance, Insulating Encased Meter, Display of Measured Values, Output Device)	Cl. No. 5 of IEC 62053-21



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	70 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
424	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Marking of Meters (Name Plate, Connection, Diagrams and Terminal Marking)	IEC 62053-21 (Cl. 6, 6.2, 6.3, 6.4, 6.5) IEC 62053-21
425	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Protection against Penetration of Dust & Water	Cl. No. 5.9 of IEC 62053-21
426	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Resistance to Heat and Fire	Cl. No. 5.8 of IEC 62053-21
427	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Spring/ Impact Hammer Test	Cl. No. 5 of IEC 62053-21
428	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Test of Meter Constant	Cl. No. 7.4 of IEC 62053-21
429	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Test of Influence of Immunity to Earth fault test	IEC 62053-21 (Cl. 7.10 & Table 4)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	71 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
430	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Test of influence Quantities (1) Voltage variation (2) Frequency variation (3) Reversed Phase Sequence (4) Voltage Unbalance (5) Harmonic components in the current & voltage circuits (6) DC & Even Harmonics in AC current circuit (7) Odd harmonic in AC current circuits (8) Sub harmonic in AC current circuits (9) Continuous Magnetic induction of external origin DC (10) Magnetic induction of external origin 0.5 mTesla (11) Operation of Accessories	IEC 62053-21 (Cl. 7.10 & Table 4)
431	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Test of No Load condition / Running With no Load	Cl. No. 7.6 of IEC 62053-21
432	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 2 and 3)	Test of Influence of Short-time Over current	IEC 62053-23 (Cl. 7.10 & Table 4)
433	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Cold Test	Cl No. 8 of IEC 62053-22
434	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Cold Test	Cl. 6 of IEC 62053-23



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

72 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
435	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Damp Heat Test	Cl. No. 8 of IEC 62053-23
436	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Dry Heat Test	Cl. No. 8.3.3 of IEC 62053-23
437	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	General and Constructional Requirements (General, Meter case, Window, Terminals, Terminal block(s) & Protective Earth Terminal, Terminal Cover(s), Clearance and Creepage Distance, Insulating Encased Meter, Display of Measured Values, Output Device)	Cl. No. 7.1 of IEC 62053-23
438	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Marking of Meters (Name Plate, Connection, Diagrams and Terminal Marking)	Cl. No. 6 of IEC 62053-23
439	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Meter Constant	Cl. No. 7.4 of IEC 62053-23
440	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	No Load Condition / Running with no load	Cl. No. 7.6 of IEC 62053-23



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

73 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
441	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Power Consumption / Power Loss	Cl. No. 4.4 of IEC 62053-23
442	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Spring/ Impact Hammer Test	Cl. No. 5 of IEC 62053-23
443	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Test of Ambient Temperature Influence	Cl. No. 7.10 and Table4 of IEC 62053-23
444	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Test of Influence of Immunity to Earth fault test	IEC 62053-23 (Cl. 7.10 & Table 4)
445	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Test of Influence of Self Heating	Cl. No. 7.10 of IEC 62053-23
446	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Test of influence Quantities (1) Voltage variation (2) Frequency variation (3) Continuous Magnetic induction of external origin DC (4) Magnetic induction of external origin 0.5 mTesla (5) Operation of Accessories (6) DC & Even Harmonics in AC current circuit	Cl. No. 7.9 of IEC 62053-23



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	74 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
447	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Test of Starting Condition, Initial start up of meters	Cl. No. 7.5 of IEC 62053-23
448	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Test on Limits of Errors / Accuracy Requirement	Cl. No. 7.9 of IEC 62053-23
449	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Change of Temperature / Thermal Shock /Rapid Change of Temperature (Chamber Size: [1] 580 X 765 X 750 mm (Specified rate of change of temperature) [2] 380 X 430 X 370 mm (rapid change of temperature))	MIL STD 202 H meth.107
450	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Change of Temperature / Thermal Shock /Rapid Change of Temperature (Chamber Size: [1] 580 X 765 X 750 mm (Specified rate of change of temperature) [2] 380 X 430 X 370 mm (rapid change of temperature))	IEC 60068-2-14
451	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Change of Temperature / Thermal Shock /Rapid Change of Temperature (Chamber Size: [1] 580 X 765 X 750 mm (Specified rate of change of temperature) [2] 380 X 430 X 370 mm (rapid change of temperature))	MIL STD 810 H Meth.503.7



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

75 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
452	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Cold Test (Chamber Size: Min.: 500 x 600 x 400 mm, Max. 1500 x 1500 x 1500 mm)	EN 50470-1
453	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Cold Test (Chamber Size: Min.: 500 x 600 x 400 mm, Max. 1500 x 1500 x 1500 mm)	EN 50470-3
454	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Cold Test (Chamber Size: Min.: 500 x 600 x 400 mm, Max. 1500 x 1500 x 1500 mm)	IEC 60068-2-1
455	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Cold Test (Chamber Size: Min.: 500 x 600 x 400 mm, Max. 1500 x 1500 x 1500 mm)	IEC 62052-11
456	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Cold Test (Chamber Size: Min.: 500 x 600 x 400 mm, Max. 1500 x 1500 x 1500 mm)	IEC 62053-21
457	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Cold Test (Chamber Size: Min.: 500 x 600 x 400 mm, Max. 1500 x 1500 x 1500 mm)	IEC 62053-22
458	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Cold Test (Chamber Size: Min.: 500 x 600 x 400 mm, Max. 1500 x 1500 x 1500 mm)	IEC 62053-23
459	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Cold Test (Chamber Size: Min.: 500 x 600 x 400 mm, Max. 1500 x 1500 x 1500 mm)	IEC 62055-31
460	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Cold Test (Chamber Size: Min.: 500 x 600 x 400 mm, Max. 1500 x 1500 x 1500 mm)	IS 13779



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	76 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
461	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Cold test (Chamber Size: Min.: 500 x 600 x 400 mm, Max. 1500 x 1500 x 1500 mm)	IS 14697
462	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Cold Test (Chamber Size: Min.: 500 x 600 x 400 mm, Max. 1500 x 1500 x 1500 mm)	MIL STD 810H, meth. 502.7
463	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Damp Heat Cyclic Test (Chamber Size: Minimum: 580 X 765 X 750 mm, Maximum: 1500 X 1500 X 1500 mm)	EN 50470-1
464	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Damp Heat Cyclic Test (Chamber Size: Minimum: 580 X 765 X 750 mm, Maximum: 1500 X 1500 X 1500 mm)	EN 50470-3
465	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Damp Heat Cyclic Test (Chamber Size: Minimum: 580 X 765 X 750 mm, Maximum: 1500 X 1500 X 1500 mm)	IEC 60068-2-30
466	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Damp Heat Cyclic Test (Chamber Size: Minimum: 580 X 765 X 750 mm, Maximum: 1500 X 1500 X 1500 mm)	IEC 60068-2-38
467	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Damp Heat Cyclic Test (Chamber Size: Minimum: 580 X 765 X 750 mm, Maximum: 1500 X 1500 X 1500 mm)	IEC 62052-11
468	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Damp Heat Cyclic Test (Chamber Size: Minimum: 580 X 765 X 750 mm, Maximum: 1500 X 1500 X 1500 mm)	IEC 62052-21



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

77 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
469	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Damp Heat Cyclic Test (Chamber Size: Minimum: 580 X 765 X 750 mm, Maximum: 1500 X 1500 X 1500 mm)	IEC 62053-21
470	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Damp Heat Cyclic Test (Chamber Size: Minimum: 580 X 765 X 750 mm, Maximum: 1500 X 1500 X 1500 mm)	IEC 62053-23
471	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Damp Heat Cyclic Test (Chamber Size: Minimum: 580 X 765 X 750 mm, Maximum: 1500 X 1500 X 1500 mm)	IEC 62055-31
472	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Damp Heat Cyclic Test (Chamber Size: Minimum: 580 X 765 X 750 mm, Maximum: 1500 X 1500 X 1500 mm)	IS 13779
473	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Damp Heat Cyclic Test (Chamber Size: Minimum: 580 X 765 X 750 mm, Maximum: 1500 X 1500 X 1500 mm)	IS 14697
474	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Damp Heat Cyclic Test (Chamber Size: Minimum: 580 X 765 X 750 mm, Maximum: 1500 X 1500 X 1500 mm)	IS 9000 Part V Sec 1 & 2
475	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Damp Heat Steady State Test (Chamber Size: Minimum: 580 X 765 X 750 mm, Maximum: 1500 X 1500 X 1500 mm)	IEC 60068-2-67



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

78 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
476	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Damp Heat Steady State Test (Chamber Size: Minimum: 580 X 765 X 750 mm, Maximum: 1500 X 1500 X 1500 mm)	IEC 60068-2-78
477	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Damp Heat Steady State Test (Chamber Size: Minimum: 580 X 765 X 750 mm, Maximum: 1500 X 1500 X 1500 mm)	IS 9000 Part IV
478	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Damp Heat Steady State Test (Chamber Size: Minimum: 580 X 765 X 750 mm, Maximum: 1500 X 1500 X 1500 mm)	ISO 16750-4
479	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Damp Heat Steady State Test (Chamber Size: Minimum: 580 X 765 X 750 mm, Maximum: 1500 X 1500 X 1500 mm)	MIL STD 202H, meth. 103B
480	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Dry Heat Test (Chamber Size: Minimum: 500 x 600 x 400 mm, Maximum: 1500 x 1500 x 1500 mm)	IEC 60068-2-2
481	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Dry Heat Test (Chamber Size: Minimum: 500 x 600 x 400 mm, Maximum: 1500 x 1500 x 1500 mm)	IEC 62052-11
482	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Dry Heat Test (Chamber Size: Minimum: 500 x 600 x 400 mm, Maximum: 1500 x 1500 x 1500 mm)	IS 13779
483	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Dry Heat Test (Chamber Size: Minimum: 500 x 600 x 400 mm, Maximum: 1500 x 1500 x 1500 mm)	IS 14697



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

79 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
484	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Dry Heat Test (Chamber Size: Minimum: 500 x 600 x 400 mm, Maximum: 1500 x 1500 x 1500 mm)	IS:9000 Part:3 Sec 1 to 5
485	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Dry Heat Test (Chamber Size: Minimum: 500 x 600 x 400 mm, Maximum: 1500 x 1500 x 1500 mm)	MIL STD 202H, met. 108A
486	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Dry Heat Test (Chamber Size: Minimum: 500 x 600 x 400 mm, Maximum: 1500 x 1500 x 1500 mm)	MIL STD 810H, met. 501.7
487	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Salt Spray (Corrosion) / Sal Mist Test (Chamber Size: 1700 X 600 X 500 mm)	ASTM B117
488	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Salt Spray (Corrosion) / Sal Mist Test (Chamber Size: 1700 X 600 X 500 mm)	ASTM B117-73
489	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Salt Spray (Corrosion) / Sal Mist Test (Chamber Size: 1700 X 600 X 500 mm)	IEC 60068-2-11
490	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Salt Spray (Corrosion) / Sal Mist Test (Chamber Size: 1700 X 600 X 500 mm)	IEC 60068-2-52
491	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Salt Spray (Corrosion) / Sal Mist Test (Chamber Size: 1700 X 600 X 500 mm)	IEC 60571
492	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Salt Spray (Corrosion) / Sal Mist Test (Chamber Size: 1700 X 600 X 500 mm)	IS 9000 Part XI



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

80 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
493	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Salt Spray (Corrosion) / Sal Mist Test (Chamber Size: 1700 X 600 X 500 mm)	IS 9844
494	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Salt Spray (Corrosion) / Sal Mist Test (Chamber Size: 1700 X 600 X 500 mm)	ISO 6270-2
495	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Salt Spray (Corrosion) / Sal Mist Test (Chamber Size: 1700 X 600 X 500 mm)	MIL STD 202H Meth. 101
496	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Salt Spray (Corrosion) / Sal Mist Test (Chamber Size: 1700 X 600 X 500 mm)	MIL STD 810 H Meth. 509.7
497	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered agricultural water pumps (1HP to 25 hp)	Total water output per day for performance tests (a) hot profile performance test (b) cold profile performance test (c) outdoor performance test	Cl. No. 5.0, 5.1, 5.2, 5.3 & 5.4 of MNRE, guidelines on testing procedure for solar photovoltaic water pumping systems, Annexure -B of circular no. F.no. 41/3/2018- SPV division
498	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Balancing of Rotor	Cl.No. : 5.6 of IS 9283
499	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Construction	Cl.No. : 5,5.1 to 5.4 of IS 9283
500	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Dimension and Tolerances	Cl.No. : 7,7.1, 7.1.1,7.2,7.2.1,7.2.2 of IS 9283



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

81 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
501	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Dimension and Tolerances	Cl.No. : 7,7.1, 7.1.1,7.2,7.2.1,7.2.2 of IS 9283
502	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Dimension and Tolerances	Cl.No. : 7,7.1, 7.1.1,7.2,7.2.1,7.2.2 of IS 9283
503	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Dimension and Tolerances	Cl.No. : 7,7.1, 7.1.1,7.2,7.2.1,7.2.2 of IS 9283
504	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Earthing	Cl.No. : 5.2 of IS 9283
505	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Finish of Bearing Surface finish of shaft or of the protecting sleeve of the pumpsets	Cl.No. : 5.5 of IS 9283
506	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Full Load Test	Cl. No. : 3.2.4.3 of IS 11346 and Cl. No.:16.1 g) & 22 of IS 9283
507	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Full Load Test	Cl. No. : 3.2.4.3 of IS 11346 and Cl. No.:16.1 g) of IS 9283
508	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Full Load Test	Cl. No. : 3.2.4.3 of IS 11346 and Cl. No.:16.1 g) of IS 9283
509	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Full Load Test	Cl. No. : 3.2.4.3 of IS 11346 and Cl. No.:16.1 g) of IS 9283



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

82 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
510	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	High Voltage Test	Cl. No.: 16.1 b) & 20 of IS 9283
511	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Insulation Resistance Test	Cl. No.: 16.1 a) & 21 of IS 9283
512	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Leakage Current Test at Rated Voltage at no Load	Cl.No. : 16.1 n) & 23 of IS 9283
513	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Leakage Current Test at Rated Voltage at no Load	Cl.No. : 16.1 n) & 23 of IS 9283
514	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Locked Rotor Reading of Voltage, Current, Power and Torque of Motor	Cl. No.: 16.1 f) of IS 9283
515	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Locked Rotor Reading of Voltage, Current, Power and Torque of Motor	Cl. No.: 16.1 f) of IS 9283
516	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Locked Rotor Reading of Voltage, Current, Power and Torque of Motor	Cl. No.: 16.1 f) of IS 9283
517	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Locked Rotor Reading of Voltage, Current, Power and Torque of Motor	Cl. No.: 16.1 f) of IS 9283
518	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Locked Rotor Reading of Voltage, Current, Power and Torque of Motor	Cl. No.: 16.1 f) of IS 9283



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

83 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
519	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Marking	Cl.No. : 15.1 of IS 9283
520	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Measurement of Stator Resistance	Cl.No. : 16.1 c) of IS 9283
521	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Measurement of Stator Resistance	Cl.No. : 16.1 c) of IS 9283
522	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Momentary Over-load Test	Cl.No. : 16.1 m) & 18.1 of IS 9283
523	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	No Load Running of Motor and reading of voltage, current, power input and speed	Cl. No.:16.1 d) of IS 9283
524	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	No Load Running of Motor and reading of voltage, current, power input and speed	Cl. No.:16.1 d) of IS 9283
525	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	No Load Running of Motor and reading of voltage, current, power input and speed	Cl. No.:16.1 d) of IS 9283
526	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	No Load Running of Motor and reading of voltage, current, power input and speed	Cl. No.:16.1 d) of IS 9283
527	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Performance Characteristic	Cl.No.: 3.2.4.3 of IS 11346 and Cl. No.: 16.1 h), 11, 17 & 22 of IS 9283



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

84 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
528	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Performance Characteristic	Cl.No.: 3.2.4.3 of IS 11346 and Cl. No.: 16.1 h), 11, 17 & 22 of IS 9283
529	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Performance Characteristic	Cl.No.: 3.2.4.3 of IS 11346 and Cl. No.: 16.1 h), 11, 17 & 22 of IS 9283
530	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Performance Characteristic	Cl.No.: 3.2.4.3 of IS 11346 and Cl. No.: 16.1 h), 11, 17 & 22 of IS 9283
531	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Performance Characteristic	Cl.No.: 3.2.4.3 of IS 11346 and Cl. No.: 16.1 h), 11, 17 & 22 of IS 9283
532	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Performance Characteristic	Cl.No.: 3.2.4.3 of IS 11346 and Cl. No.: 16.1 h), 11, 17 & 22 of IS 9283
533	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Preferred Voltage and Frequency, Preferred Output Ratings, Speed	Cl.No. :6.6.1,6.2,6.3 and 6.4 of IS 9283
534	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Reduced voltage Running up test	Cl. No.:16.1 e) of IS 9283
535	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Reduced voltage Running up test	Cl. No.:16.1 e) of IS 9283
536	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Submersible Cable	Cl.No. : 5.1.2 of IS 9283



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

85 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
537	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Rated Voltage	Cl. No.: 16.1 j) & 19 of IS 9283
538	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Rated Voltage	Cl. No.: 16.1 j) of IS 9283
539	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Rated Voltage	Cl. No.: 16.1 j) of IS 9283
540	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Rated Voltage	Cl. No.: 16.1 j) of IS 9283
541	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Reduce Voltage	Cl. No.: 16.1 k) & 19 of IS 9283
542	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Reduce Voltage	Cl. No.: 16.1 k) of IS 9283
543	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Reduce Voltage	Cl. No.: 16.1 k) of IS 9283
544	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Reduce Voltage	Cl. No.: 16.1 k) of IS 9283
545	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Terminal Marking	Cl.No. : 13 of IS 9283



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

86 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
546	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Type of Duty	Cl.No. : 8 of IS 9283
547	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Balancing of Rotor/Impeller	Cl.No. : 10.5 of IS 14220
548	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Breakaway (Starting) Torque	Cl. No.: 14.10.1 g) of IS 14220
549	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Breakaway (Starting) Torque	Cl. No.: 14.10.1 g) of IS 14220
550	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Breakaway (Starting) Torque	Cl. No.: 14.10.1 g) of IS 14220
551	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Breakaway (Starting) Torque	Cl. No.: 14.10.1 g) of IS 14220
552	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Breakaway (Starting) Torque	Cl. No.: 14.10.1 g) of IS 14220
553	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Constructional Features	Cl.No. : 7,7.1 to 7.6 of IS 14220
554	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Design Features	Cl.No. :8,8.1,8.1.1 to 8.1.6,8.2,8.2.1 to 8.2.2 of IS 14220



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

87 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
555	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Direction of Rotation	Cl. No.: 10.7.2, 10.7.3 of IS 14220
556	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Earthing	Cl.No. : 10.6 of IS 14220
557	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Finish of Bearing Surface finish of shaft or of the protecting sleeve of the pumpsets	Cl.No. : 10.4.2 of IS 14220
558	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	General Requirement	Cl.No. : 10, 10.1 to 10.7,11,12 to 12.1.5,13 to 13.3 of IS 14220
559	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Guarantee and Tolerances on Openwell Submersible Pumpset Performance	Cl.No. : 9, 15.2, 16,16.1 to 16.7 of IS 14220
560	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	High Voltage Test	Cl. No.: 14.10.1 b) of IS 14220
561	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Hydrostatic Pressure Test	Cl. No.: 15.5 of IS 14220
562	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Insulation Resistance Test	Cl. No.: 14.10.1 a) of IS 14220
563	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Leakage Current Test at Rated Voltage at no Load	Cl.No. : 14.10.1 h) of IS 14220



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

88 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
564	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Leakage Current Test at Rated Voltage at no Load	Cl.No. : 14.10.1 h) of IS 14220
565	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Locked Rotor Reading of Voltage, Current, Power and Torque of Motor	Cl. No.: 14.10.1 f) of IS 14220
566	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Locked Rotor Reading of Voltage, Current, Power and Torque of Motor	Cl. No.: 14.10.1 f) of IS 14220
567	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Locked Rotor Reading of Voltage, Current, Power and Torque of Motor	Cl. No.: 14.10.1 f) of IS 14220
568	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Locked Rotor Reading of Voltage, Current, Power and Torque of Motor	Cl. No.: 14.10.1 f) of IS 14220
569	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Locked Rotor Reading of Voltage, Current, Power and Torque of Motor	Cl. No.: 14.10.1 f) of IS 14220
570	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Marking	Cl.No. : 16.1.8, 18.1 & 18.1.3 of IS 14220
571	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Measurement of Stator Resistance	Cl.No. : 14.10.1 c) of IS 14220
572	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Measurement of Stator Resistance	Cl.No. : 14.10.1 c) of IS 14220



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

89 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
573	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	No Load Running of Motor and reading of voltage, current, power input and speed	Cl.No. : 14.10.1 d) of IS 14220
574	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	No Load Running of Motor and reading of voltage, current, power input and speed	Cl.No. : 14.10.1 d) of IS 14220
575	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	No Load Running of Motor and reading of voltage, current, power input and speed	Cl.No. : 14.10.1 d) of IS 14220
576	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	No Load Running of Motor and reading of voltage, current, power input and speed	Cl.No. : 14.10.1 d) of IS 14220
577	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Reduced voltage Running up test	Cl.No. : 14.10.1 e) of IS 14220
578	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Reduced voltage Running up test	Cl.No. : 14.10.1 e) of IS 14220
579	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Submersible Cable	Cl.No. : 12.1.2 of IS 14220
580	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Rated Voltage	Cl. No.: 14.10.1 j) of IS 14220
581	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Rated Voltage	Cl. No.: 14.10.1 j) of IS 14220



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

90 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
582	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Rated Voltage	Cl. No.: 14.10.1 j) of IS 14220
583	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Rated Voltage	Cl. No.: 14.10.1 j) of IS 14220
584	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Reduce Voltage	Cl. No.: 14.10.1 k) of IS 14220
585	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Reduce Voltage	Cl. No.: 14.10.1 k) of IS 14220
586	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Reduce Voltage	Cl. No.: 14.10.1 k) of IS 14220
587	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Reduce Voltage	Cl. No.: 14.10.1 k) of IS 14220
588	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Terminal Marking	Cl.No. : 10.7.1 of IS 14220
589	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Test for Hydraulic Performance on Pump For Openwell Submersible Pumpsets (Pump Performance Test) 1) Masurement of Total Head, 2) Flow Measurement 3) Current, Power and Voltage Measurement, Frequency	Cl.No. : 15 of IS 14220



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

91 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
590	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Test for Hydraulic Performance on Pump For Openwell Submersible Pumpsets (Pump Performance Test) 1) Masurement of Total Head, 2) Flow Measurement 3) Current, Power and Voltage Measurement, Frequency	Cl.No. : 15 of IS 14220
591	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Test for Hydraulic Performance on Pump For Openwell Submersible Pumpsets (Pump Performance Test) 1) Masurement of Total Head, 2) Flow Measurement 3) Current, Power and Voltage Measurement, Frequency	Cl.No. : 15 of IS 14220
592	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Test for Hydraulic Performance on Pump For Openwell Submersible Pumpsets (Pump Performance Test) 1) Masurement of Total Head, 2) Flow Measurement 3) Current, Power and Voltage Measurement, Frequency	Cl.No. : 15 of IS 14220
593	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Test for Hydraulic Performance on Pump For Openwell Submersible Pumpsets (Pump Performance Test) 1) Masurement of Total Head, 2) Flow Measurement 3) Current, Power and Voltage Measurement, Frequency	Cl.No. : 15 of IS 14220



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

92 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
594	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Test for Hydraulic Performance on Pump For Openwell Submersible Pumpsets (Pump Performance Test) 1) Masurement of Total Head, 2) Flow Measurement 3) Current, Power and Voltage Measurement, Frequency	Cl.No. : 8.1.5 & 15 of IS 14220
595	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Test for Hydraulic Performance on Pump For Openwell Submersible Pumpsets (Pump Performance Test) 1) Masurement of Total Head, 2) Flow Measurement 3) Current, Power and Voltage Measurement, Frequency	Cl.No. : 15 of IS 14220
596	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 10hp	Design qualification for a pumping system	Cl No. 6, 6.1 to 6.7 of IEC 62253
597	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 10hp	Performance Measurement	Cl No. 5, 5.1 to 5.3 of IEC 62253
598	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 10hp	Performance Measurement	Cl No. 5, 5.1 to 5.3 of IEC 62253
599	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 10hp	Performance Measurement	Cl No. 5, 5.1 to 5.3 of IEC 62253



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

93 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
600	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 10hp	Performance Measurement	Cl No. 5, 5.1 to 5.3 of IEC 62253
601	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 10hp	Performance Measurement	Cl No. 5, 5.1 to 5.3 of IEC 62253
602	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 10hp	Performance Measurement	Cl No. 5, 5.1 to 5.3 of IEC 62253
603	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 10hp	Requirements for system components	Cl No. of 4, 4.1 & 4.2 of IEC 62253
604	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Breakaway (Starting) Torque	Cl. No.: 9.10 g) of IS 8034
605	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Breakaway (Starting) Torque	Cl. No.: 9.10 g) of IS 8034
606	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Breakaway (Starting) Torque	Cl. No.: 9.10 g) of IS 8034
607	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Breakaway (Starting) Torque	Cl. No.: 9.10 g) of IS 8034
608	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Breakaway (Starting) Torque	Cl. No.: 9.10 g) of IS 8034



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

94 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
609	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Leakage Current Test at Rated Voltage at no Load	Cl.No. : 9.10 h) of IS 8034
610	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Leakage Current Test at Rated Voltage at no Load	Cl.No. : 9.10 h) of IS 8034
611	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Balancing of Rotor/Impeller	Cl.No. : 8.5 of IS 8034
612	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Constructional Features	Cl.No. : 6,6.1,6.2, 6.2.1 to 6.2.5 of IS 8034
613	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Design Features	Cl.No. :7,7.1,7.1.1 to 7.1.11 of IS 8034
614	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Direction of Rotation	Cl. No.: 8.7 of IS 8034
615	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Earthing	Cl.No. : 8.9.4 of IS 8034
616	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Finish of Bearing Surface finish of shaft or of the protecting sleeve of the pumpsets	Cl.No. : 8.4.2 of IS 8034
617	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	General Requirement	Cl.No. : 8, 8.1 to 8.10 of IS 8034



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

95 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
618	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Guarantee and Tolerances on Submersible Pumpset Performance	Cl.No. : 10.2, 11,11.1 to 11.5 of IS 8034
619	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	High Voltage Test	Cl. No.: 9.10 b) of IS 8034
620	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Hydrostatic Pressure Test	Cl. No.: 10.3 of IS 8034
621	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Insulation Resistance Test	Cl. No.: 9.10 a) of IS 8034
622	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Locked Rotor Reading of Voltage, Current, Power and Torque of Motor	Cl. No.: 9.10 f) of IS 8034
623	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Locked Rotor Reading of Voltage, Current, Power and Torque of Motor	Cl. No.: 9.10 f) of IS 8034
624	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Locked Rotor Reading of Voltage, Current, Power and Torque of Motor	Cl. No.: 9.10 f) of IS 8034
625	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Locked Rotor Reading of Voltage, Current, Power and Torque of Motor	Cl. No.: 9.10 f) of IS 8034
626	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Locked Rotor Reading of Voltage, Current, Power and Torque of Motor	Cl. No.: 9.10 f) of IS 8034



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

96 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
627	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Measurement of Stator Resistance	Cl.No. : 9.10 c) of IS 8034
628	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Measurement of Stator Resistance	Cl.No. : 9.10 c) of IS 8034
629	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Momentary Over-load Test	Cl.No. : 9.10 m) of IS 8034
630	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	No Load Running of Motor and reading of voltage, current, power input and speed	Cl. No.: 9.10 d) of IS 8034
631	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	No Load Running of Motor and reading of voltage, current, power input and speed	Cl. No.: 9.10 d) of IS 8034
632	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	No Load Running of Motor and reading of voltage, current, power input and speed	Cl. No.: 9.10 d) of IS 8034
633	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	No Load Running of Motor and reading of voltage, current, power input and speed	Cl. No.: 9.10 d) of IS 8034
634	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Reduced voltage Running up test	Cl. No.: 9.10 e) of IS 8034
635	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Reduced voltage Running up test	Cl. No.: 9.10 e) of IS 8034



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

97 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
636	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Submersible Cable	Cl.No. : 8.6.2 of IS 8034
637	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Rated Voltage	Cl. No.: 9.10 j) of IS 8034
638	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Rated Voltage	Cl. No.: 9.10 j) of IS 8034
639	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Rated Voltage	Cl. No.: 9.10 j) of IS 8034
640	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Rated Voltage	Cl. No.: 9.10 j) of IS 8034
641	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Reduce Voltage	Cl. No.: 9.10 k) of IS 8034
642	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Reduce Voltage	Cl. No.: 9.10 k) of IS 8034
643	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Reduce Voltage	Cl. No.: 9.10 k) of IS 8034
644	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Temperature Rise Test at Reduce Voltage	Cl. No.: 9.10 k) of IS 8034



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	98 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
645	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Terminal Marking	Cl.No. : 8.8 of IS 8034
646	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Test for Hydraulic Performance on Pump For Submersible Pumpsets (Pump Performance Test) 1) Masurement of Total Head, 2) Flow Measurement 3) Current, Power and Voltage Measurement	Cl.No. : 10 of IS 8034
647	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Test for Hydraulic Performance on Pump For Submersible Pumpsets (Pump Performance Test) 1) Masurement of Total Head, 2) Flow Measurement 3) Current, Power and Voltage Measurement	Cl.No. : 10 of IS 8034
648	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Test for Hydraulic Performance on Pump For Submersible Pumpsets (Pump Performance Test) 1) Masurement of Total Head, 2) Flow Measurement 3) Current, Power and Voltage Measurement, Frequency	Cl.No. : 10 of IS 8034
649	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Test for Hydraulic Performance on Pump For Submersible Pumpsets (Pump Performance Test) 1) Masurement of Total Head, 2) Flow Measurement 3) Current, Power and Voltage Measurement, Frequency	Cl.No. : 10 of IS 8034



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

99 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
650	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Test for Hydraulic Performance on Pump For Submersible Pumpsets (Pump Performance Test) 1) Measurement of Total Head, 2) Flow Measurement 3) Current, Power and Voltage Measurement, Frequency	Cl.No. : 10 of IS 8034
651	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Test for Hydraulic Performance on Pump For Submersible Pumpsets (Pump Performance Test) 1) Measurement of Total Head, 2) Flow Measurement 3) Current, Power and Voltage Measurement, Frequency	Cl.No. : 10 of IS 8034
652	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Test for Hydraulic Performance on Pump For Submersible Pumpsets (Pump Performance Test) 1) Measurement of Total Head, 2) Flow Measurement 3) Current, Power and Voltage Measurement, Frequency	Cl.No. : 10 of IS 8034
653	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	The maximum outside diameter of pumpsets	Cl.No. : 7.1.6 of IS 8034
654	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	The maximum outside diameter of pumpsets	Cl.No. : 7.1.6 of IS 8034
655	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37kW to 45kW	Marking	Cl.No. : 14, 14.1 of IS 8034



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	100 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
Site Testing				
1	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Test on Limits of Errors / Accuracy Requirement	Cl. No.11.1 of IS 13779
2	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Test on Limits of Errors / Accuracy Requirement	Cl. No.11.1 of IS13779
3	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Marking of Meters (Name Plate, Connection, Diagrams and Terminal Marking)	Cl. No. 7 of IS 14697
4	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Test on Limits of Errors / Accuracy Requirement	Cl. No.11.1 of IS 14697
5	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Test on Limits of Errors / Accuracy Requirement	Cl. No.11.1 of IS14697
6	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC static transformer operated watthour and var - Hour smart meters, class 0.2 S, 0.5 S and 1.0 S: Part 2 specification transformer operated smart meters	Test on Limits of Errors / Accuracy Requirement	Cl. No. 6.12 of IS 16444
7	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Test on Limits of Errors / Accuracy Requirement	Cl. No. 7.9 of IEC 62053-22



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	101 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
8	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Test on Limits of Errors / Accuracy Requirement	Cl. No. 8.1 of IEC 62053-21
9	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Test on Limits of Errors / Accuracy Requirement	Cl. No. 7.9 of IEC 62053-23



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	102 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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 Site Facility				
1	ELECTRICAL- CELLS & BATTERIES	Capacity Test	Capacity Test	CI No. 6, 9.4.1, 9.4.2, 9.5.2 of JIS D 5301
2	ELECTRICAL- CELLS & BATTERIES	ECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Discharge performance at 20 °C	Cl. No. 7.3.1, 7.2 of IEC 61960-3
3	ELECTRICAL- CELLS & BATTERIES	ECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Charge (capacity) retention and recovery	Cl. No. 7.4, 7.2 of IS 16047-3
4	ELECTRICAL- CELLS & BATTERIES	ECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Charge (capacity) retention and recovery	Cl. No. 7.4, 7.2 of IS 16047-3
5	ELECTRICAL- CELLS & BATTERIES	Endurance test	CI No. 6, 9.4.1, 9.4.2, 9.5.5 of JIS D 5301	CI No. 6, 9.4.1, 9.4.2, 9.5.5 of JIS D 5301
6	ELECTRICAL- CELLS & BATTERIES	GENERAL REQUIREMENTS AND METHODS OF TESTS FOR LEAD-ACID STORAGE BATTERIES	Life Test and Endurance Test	CI No. 12.14, 12.14.1, 12.14.2, 12.12.1, 12.14.3, 12.14.3.1, 12.14.3.2, 12.14.3.3, 12.14.3.4, 12.14.3.5, 12.14.3.6, 12.14.4, 12.14.4.1, 12.14.4.2, 12.14.4.3, 12.14.4.4, 12.14.4.5 of IS IS 8320
7	ELECTRICAL- CELLS & BATTERIES	GENERAL REQUIREMENTS AND METHODS OF TESTS FOR LEAD-ACID STORAGE BATTERIES	Life Test and Endurance Test	CI No. 12.14, 12.14.1, 12.14.2, 12.12.1, 12.14.3, 12.14.3.1, 12.14.3.2, 12.14.3.3, 12.14.3.4, 12.14.3.5, 12.14.3.6, 12.14.4, 12.14.4.1, 12.14.4.2, 12.14.4.3, 12.14.4.4, 12.14.4.5 of IS IS 8320



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-15149 **Page No** 103 of 187

Validity 20/12/2024 to 19/12/2028 **Last Amended on** -

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
8	ELECTRICAL- CELLS & BATTERIES	GENERAL REQUIREMENTS AND METHODS OF TESTS FOR LEAD-ACID STORAGE BATTERIES	Life Test and Endurance Test	CI No. 12.14, 12.14.1, 12.14.2, 12.12.1, 12.14.3, 12.14.3.1, 12.14.3.2, 12.14.3.3, 12.14.3.4, 12.14.3.5, 12.14.3.6, 12.14.4, 12.14.4.1, 12.14.4.2, 12.14.4.3, 12.14.4.4, 12.14.4.5 of IS 8320
9	ELECTRICAL- CELLS & BATTERIES	GENERAL REQUIREMENTS AND METHODS OF TESTS FOR LEAD-ACID STORAGE BATTERIES	Life Test and Endurance Test	CI No. 12.14, 12.14.1, 12.14.2, 12.12.1, 12.14.3, 12.14.3.1, 12.14.3.2, 12.14.3.3, 12.14.3.4, 12.14.3.5, 12.14.3.6, 12.14.4, 12.14.4.1, 12.14.4.2, 12.14.4.3, 12.14.4.4, 12.14.4.5 of IS 8320
10	ELECTRICAL- CELLS & BATTERIES	GENERAL REQUIREMENTS AND METHODS OF TESTS FOR LEAD-ACID STORAGE BATTERIES	Test for Ah and Wh efficiencies	CI No. 12.9, 12.9.1, , 12.9.1.1, 12.9.1.2, 12.9.1.3, 12.9.1.4, 12.9.1.5, 12.9.2.1, 12.9.2.2 of IS 8320
11	ELECTRICAL- CELLS & BATTERIES	GENERAL REQUIREMENTS AND METHODS OF TESTS FOR LEAD-ACID STORAGE BATTERIES	Test for Ah and Wh efficiencies	CI No. 12.9, 12.9.1, , 12.9.1.1, 12.9.1.2, 12.9.1.3, 12.9.1.4, 12.9.1.5, 12.9.2.1, 12.9.2.2 of IS 8320
12	ELECTRICAL- CELLS & BATTERIES	GENERAL REQUIREMENTS AND METHODS OF TESTS FOR LEAD-ACID STORAGE BATTERIES	Test for Ah and Wh efficiencies	CI No. 12.9, 12.9.1, , 12.9.1.1, 12.9.1.2, 12.9.1.3, 12.9.1.4, 12.9.1.5, 12.9.2.1, 12.9.2.2 of IS 8320
13	ELECTRICAL- CELLS & BATTERIES	GENERAL REQUIREMENTS AND METHODS OF TESTS FOR LEAD-ACID STORAGE BATTERIES	Test for Ah and Wh efficiencies	CI No. 12.9, 12.9.1, , 12.9.1.1, 12.9.1.2, 12.9.1.3, 12.9.1.4, 12.9.1.5, 12.9.2.1, 12.9.2.2 of IS 8320



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	104 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
14	ELECTRICAL- CELLS & BATTERIES	GENERAL REQUIREMENTS AND METHODS OF TESTS FOR LEAD-ACID STORAGE BATTERIES	Test for loss of capacity on storage	Cl. No.: 12.8 ,12.7, 12.8.1, 12.8.2, 12.8.3, 12.8.4, 12.8.5, 12.8.6 of IS 8320
15	ELECTRICAL- CELLS & BATTERIES	GENERAL REQUIREMENTS AND METHODS OF TESTS FOR LEAD-ACID STORAGE BATTERIES	Test for loss of capacity on storage	Cl. No.: 12.8 ,12.7, 12.8.1, 12.8.2, 12.8.3, 12.8.4, 12.8.5, 12.8.6 of IS 8320
16	ELECTRICAL- CELLS & BATTERIES	GENERAL REQUIREMENTS AND METHODS OF TESTS FOR LEAD-ACID STORAGE BATTERIES	Test for loss of capacity on storage	Cl. No.: 12.8 ,12.7, 12.8.1, 12.8.2, 12.8.3, 12.8.4, 12.8.5, 12.8.6 of IS 8320
17	ELECTRICAL- CELLS & BATTERIES	GENERAL REQUIREMENTS AND METHODS OF TESTS FOR LEAD-ACID STORAGE BATTERIES	Test for loss of capacity on storage	Cl. No.: 12.8 ,12.7, 12.8.1, 12.8.2, 12.8.3, 12.8.4, 12.8.5, 12.8.6 of IS 8320
18	ELECTRICAL- CELLS & BATTERIES	GENERAL REQUIREMENTS AND METHODS OF TESTS FOR LEAD-ACID STORAGE BATTERIES	Test for Voltages During Discharge	Cl. No. 12.13 , 12.7.2.1, 12.13 .1 of IS 8320
19	ELECTRICAL- CELLS & BATTERIES	GENERAL REQUIREMENTS AND METHODS OF TESTS FOR LEAD-ACID STORAGE BATTERIES	Test for Voltages During Discharge	Cl. No. 12.13 , 12.7.2.1, 12.13 .1 of IS 8320
20	ELECTRICAL- CELLS & BATTERIES	GENERAL REQUIREMENTS AND METHODS OF TESTS FOR LEAD-ACID STORAGE BATTERIES	Test for Voltages During Discharge	Cl. No. 12.13 , 12.7.2.1, 12.13 .1 of IS 8320
21	ELECTRICAL- CELLS & BATTERIES	GENERAL REQUIREMENTS AND METHODS OF TESTS FOR LEAD-ACID STORAGE BATTERIES	Test for Voltages During Discharge	Cl. No. 12.13 , 12.7.2.1, 12.13 .1 of IS 8320
22	ELECTRICAL- CELLS & BATTERIES	GENERAL REQUIREMENTS AND METHODS OF TESTS FOR LEAD-ACID STORAGE BATTERIES	Verification of marking and packing	Cl No. 12.5, 8, 8.1, 8.1.1, 8.1.2, 8.2 of IS 8320
23	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries	Test for capacity	Cl. No.: 9.7 of IS 7372
24	ELECTRICAL- CELLS & BATTERIES	LEAD ACID STORAGE BATTERIES	Storage, Capacity Test, Test for High Rate Discharge at Normal Temperature	Cl No. 12.17, 12.7, 12.10 & 12.17.1, of IS 8320
25	ELECTRICAL- CELLS & BATTERIES	Lead-acid batteries for motor cycles	Marking	Cl No. 11 of JIS D 5302
26	ELECTRICAL- CELLS & BATTERIES	Lead-acid batteries for motor cycles	Marking	Cl No. 11 of JIS D 5302
27	ELECTRICAL- CELLS & BATTERIES	Lead-acid batteries for motor cycles	Capacity Test	Cl No. 5. 8.1, 8.2, 8.3.2, 9 of JIS D 5302



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	105 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
28	ELECTRICAL- CELLS & BATTERIES	Lead-acid batteries for motor cycles	Capacity Test	Cl No. 5. 8.1, 8.2, 8.3.2, 9 of JIS D 5302
29	ELECTRICAL- CELLS & BATTERIES	Lead-acid batteries for motor cycles	Capacity Test	Cl No. 5. 8.1, 8.2, 8.3.2, 9 of JIS D 5302
30	ELECTRICAL- CELLS & BATTERIES	Lead-acid batteries for motor cycles	Capacity Test	Cl No. 5. 8.1, 8.2, 8.3.2, 9 of JIS D 5302
31	ELECTRICAL- CELLS & BATTERIES	Lead-acid batteries for motor cycles	Dimensions	Cl No. 7, 8.1, 8.2, 8.3.1, 9 of JIS D 5302
32	ELECTRICAL- CELLS & BATTERIES	Lead-acid batteries for motor cycles	Dimensions	Cl No. 7, 8.1, 8.2, 8.3.1, 9 of JIS D 5302
33	ELECTRICAL- CELLS & BATTERIES	Lead-acid batteries for motor cycles	High rate discharge characteristics	Cl No. 5, 8.1, 8.2, 8.3.3, 9 of JIS D 5303
34	ELECTRICAL- CELLS & BATTERIES	Lead-acid batteries for motor cycles	High rate discharge characteristics	Cl No. 5, 8.1, 8.2, 8.3.3, 9 of JIS D 5303
35	ELECTRICAL- CELLS & BATTERIES	Lead-acid batteries for motor cycles	High rate discharge characteristics	Cl No. 5, 8.1, 8.2, 8.3.3, 9 of JIS D 5303
36	ELECTRICAL- CELLS & BATTERIES	Lead-acid batteries for motor cycles	High rate discharge characteristics	Cl No. 5, 8.1, 8.2, 8.3.3, 9 of JIS D 5303
37	ELECTRICAL- CELLS & BATTERIES	LEAD-ACID LIGHT WEIGHT STORAGE BATTERIES FOR MOTOR CYCLES AND SIMILAR VEHICLES FITTED WITH AC CERCUITRY -SPECIFICATION	Checking of dimensions	Cl. No.: 7.1.1.1(b), 7.1.1.2(b), 7.7 of IS 13568
38	ELECTRICAL- CELLS & BATTERIES	LEAD-ACID LIGHT WEIGHT STORAGE BATTERIES FOR MOTOR CYCLES AND SIMILAR VEHICLES FITTED WITH AC CERCUITRY -SPECIFICATION	High rate discharge Test	Cl. No.: 7.1.1.1(e), 7.10, 7.10.1, 7.10.1.1, 7.10.1.2, 7.10.1.3, 7.10.1.4, 7.9, 7.1.2(e), 7.2, 7.3, 7.4 of IS 13568
39	ELECTRICAL- CELLS & BATTERIES	LEAD-ACID LIGHT WEIGHT STORAGE BATTERIES FOR MOTOR CYCLES AND SIMILAR VEHICLES FITTED WITH AC CERCUITRY -SPECIFICATION	Life	Cl. No.: 7.1.1.1(g), 7.9, 7.10, 7.12, 7.12.1, 7.12.2, 7.12.3, 7.12.4, 7.12.5, 7.12.6, 7.12.7, 7.12.8, 7.2, 7.3, 7.4 of IS 13568



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

106 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
40	ELECTRICAL- CELLS & BATTERIES	LEAD-ACID LIGHT WEIGHT STORAGE BATTERIES FOR MOTOR CYCLES AND SIMILAR VEHICLES FITTED WITH AC CERCUITRY -SPECIFICATION	Physical examination	Cl. No.: 7.1.1.1(a), 5, 5.1, 6, 6.1, 6.1.1, 6.1.2, 6.1.3, 6.1.4, 6.1.5, 6.2, 6.2.1, 6.2.2, 7.1.2, 7.1.2(a), 7.1.2.1(a), 7.1.3(a) of IS 13568 : 1992
41	ELECTRICAL- CELLS & BATTERIES	LEAD-ACID LIGHT WEIGHT STORAGE BATTERIES FOR MOTOR CYCLES AND SIMILAR VEHICLES FITTED WITH AC CERCUITRY -SPECIFICATION	Test for capacity	Cl. No.: 7.1.1.1(d), 7.9, 7.9.1, 7.9.2, 7.9.3, 7.9.4, 7.9.5, 7.9.6 , 7.1.2(d), 7.2, 7.3, 7.4 of IS 13568
42	ELECTRICAL- CELLS & BATTERIES	Lead-acid starter batteries	Inspection, designation of product, marking	Cl No. 6, 8, 9, 10, 11, 12 of JIS D 5301
43	ELECTRICAL- CELLS & BATTERIES	Lead-acid starter batteries	Capacity Test	Cl No. 6, 9.4.1, 9.4.2, 9.5.2 of JIS D 5301
44	ELECTRICAL- CELLS & BATTERIES	Lead-acid starter batteries	Capacity Test	Cl No. 6, 9.4.1, 9.4.2, 9.5.2 of JIS D 5301
45	ELECTRICAL- CELLS & BATTERIES	Lead-acid starter batteries	Capacity Test	Cl No. 6, 9.4.1, 9.4.2, 9.5.2 of JIS D 5301
46	ELECTRICAL- CELLS & BATTERIES	Lead-acid starter batteries	Dimensions	Cl No. 6, 9.4.1(b), 9.5.1 of JIS D 5301
47	ELECTRICAL- CELLS & BATTERIES	Lead-acid starter batteries	Dimensions	Cl No. 6, 9.4.1(b), 9.5.1 of JIS D 5301
48	ELECTRICAL- CELLS & BATTERIES	Lead-acid starter batteries	Endurance test	Cl No. 6, 9.4.1, 9.4.2, 9.5.5 of JIS D 5301
49	ELECTRICAL- CELLS & BATTERIES	Lead-acid starter batteries	Endurance test	Cl No. 6, 9.4.1, 9.4.2, 9.5.5 of JIS D 5301
50	ELECTRICAL- CELLS & BATTERIES	Lead-acid starter batteries	Endurance test	Cl No. 6, 9.4.1, 9.4.2, 9.5.5 of JIS D 5301



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	107 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
51	ELECTRICAL- CELLS & BATTERIES	LEAD-ACID STORAGE BATTERIES	Life Test and Endurance Test	Cl No. 12.14, 12.14.1, 12.14.2, 12.12.1, 12.14.3, 12.14.3.1, 12.14.3.2, 12.14.3.3, 12.14.3.4, 12.14.3.5, 12.14.3.6, 12.14.4, 12.14.4.1, 12.14.4.2, 12.14.4.3, 12.14.4.4, 12.14.4.5 of IS 8320
52	ELECTRICAL- CELLS & BATTERIES	LEAD-ACID STORAGE BATTERIES	Capacity test, First Charge, Correction Factors For Capacity	Cl No. 12.7, 12.7.1, 11.3, 12.7.2.1, 12.7.3, 12.7.4, 12.7.5, 11.5, 12.7.6 of IS 8320
53	ELECTRICAL- CELLS & BATTERIES	LEAD-ACID STORAGE BATTERIES	Test for Ampere-Hour and Watt-Hour Efficiency	Cl No. 12.9, 12.9.1, 12.9.1.1, 12.9.1.2, 12.9.1.3, 12.9.1.4, 12.9.1.5, 12.9.2.1, 12.9.2.2 of IS 8320
54	ELECTRICAL- CELLS & BATTERIES	LEAD-ACID STORAGE BATTERIES	Test for High Rate Discharge at Normal Temperature,	Cl. No. 12.10, 12.7, 12.10.1, 12.10.1.1, 12.10.2 of IS 8320
55	ELECTRICAL- CELLS & BATTERIES	LEAD-ACID STORAGE BATTERIES	Test for loss of capacity on storage	Cl. No.: 12.8 ,12.7, 12.8.1, 12.8.2, 12.8.3, 12.8.4, 12.8.5, 12.8.6 of IS 8320
56	ELECTRICAL- CELLS & BATTERIES	LEAD-ACID STORAGE BATTERIES	Test for resistance to overcharge	Cl. No. 12.12, 5.2, 12.12.1, 12.12.2, 12.12.3, 12.12.4, 12.12.5 of IS 8320
57	ELECTRICAL- CELLS & BATTERIES	LEAD-ACID STORAGE BATTERIES	Test for Voltages During Discharge	Cl. No. 12.13 , 12.7.2.1, 12.13 .1 of IS 8320
58	ELECTRICAL- CELLS & BATTERIES	LEAD-ACID STORAGE BATTERIES	Verification of Constructional Requirements	Cl. No.: 12.3, 6, 6.1, 6.2, 6.3, 6.4, 6.5, 6.5.1, 6.5.2, 6.6, 6.7, 6.8 of IS 8320
59	ELECTRICAL- CELLS & BATTERIES	LEAD-ACID STORAGE BATTERIES	Verification of dimensions, Dimensions Layout and Mass	Cl. No.: 12.4, 7, 7.1 of IS 8320



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	108 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
60	ELECTRICAL- CELLS & BATTERIES	LEAD-ACID STORAGE BATTERIES	Verification of materials, conformity of materials,	Cl. No.: 12.2, 5, 5.1, 5.2, 5.3, 5.4 of IS 8320
61	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Dimension and layout	Cl. No.: 9.4 & 6 of IS 7372
62	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Life test	Cl. No.: 9.14 of IS 7372
63	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Life test	Cl. No.: 9.14 of IS 7372
64	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Life test	Cl. No.: 9.14 of IS 7372
65	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Marking	Cl No. 9.5 & 8 of IS 7372
66	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Physical examination	Cl. No.: 4 & 9.3 of IS 7372
67	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Resistance to overcharge test	Cl. No.: 9.13 of IS 7372
68	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Resistance to overcharge test	Cl. No.: 9.13 of IS 7372
69	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Resistance to overcharge test	Cl. No.: 9.13 of IS 7372
70	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Resistance to overcharge test	Cl. No.: 9.13 of IS 7372
71	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Retention of charge test	Cl No. 9.12 of IS 7372
72	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Storage	Cl. No.: 9.15 of IS 7372
73	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Storage	Cl. No.: 9.15 of IS 7372
74	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Storage	Cl. No.: 9.15 of IS 7372
75	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Storage	Cl. No.: 9.15 of IS 7372



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	109 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
76	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Test for capacity	Cl. No.: 9.7 of IS 7372
77	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Test for capacity	Cl. No.: 9.7 of IS 7372
78	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor	High rate discharge test at normal temperature	Cl. No.: 9.9 & 9.11 of IS 7372
79	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor	High rate discharge test at normal temperature	Cl. No.: 9.9 & 9.11 of IS 7372
80	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor	High rate discharge test at normal temperature	Cl. No.: 9.9 & 9.11 of IS 7372
81	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor	Life test	Cl. No.: 9.14 of IS 7372
82	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor	Retention of charge test	Cl No. 9.12 of IS 7372
83	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor	Retention of charge test	Cl No. 9.12 of IS 7372
84	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor	Retention of charge test	Cl No. 9.12 of IS 7372
85	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor	Test for capacity	Cl. No.: 9.7 of IS 7372
86	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance — Specification	Capacity (5-h Rate)	Cl. No.: 9.1.1 .1 (iv), 9.1.2(d), 9.3.4, 9.3.4.1, 9.3.4.2, 7.1 of IS 14257
87	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance — Specification	Charge Acceptance Test	Cl. No.: 9.1.1 .1 (viii), 9.1.2(g), 9.3.8, 7, 9.3.8.1 of IS 14257
88	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance — Specification	Dimensions and layout	Cl. No.: 9.1.1 .1 (ii), 9.1.2(b), 9.3.2 of IS 14257
89	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance — Specification	Life Cycle Test	Cl. No.: 9.1.1 .1 (xii), 9.3.12, 9.3.4, 9.3.5, 9.3.12.1 of IS 14257



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	110 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
90	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance — Specification	Marking	Cl No. 9.1.1 .1 (iii), 9.1.2(c), 9.3.3, 8, 8.1, 8.2, 8.3, 8.4 of IS 14257
91	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance — Specification	Overcharge Endurance Test	Cl. No.: 9.1.1 .1 (xiii), 9.3.13, 9.3.4, 9.3.5, 9.3.13.1 of IS 14257
92	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance — Specification	Physical examination	Cl. No.: 9.1.1 .1 (i), 9.1.2(a), 3, 9.3.1, 4.0, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6 of IS 14257
93	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance — Specification	Reserve Capacity Test	Cl. No.: 9.1.1 .1 (vii), 9.1.2(f), 9.3.7, 9.3.7.1 of IS 14257
94	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance — Specification	Water Consumption Test	Cl. No.: 9.1.1 .1 (ix), 9.3.9, 9.3.9.1 of IS 14257
95	ELECTRICAL- CELLS & BATTERIES	Lead-acid traction batteries	High rate Discharge performance test	Cl. No. 3.3, 5.2, 5.4, 5.4.1, 5.4.2, 5.2.1, 5.4.3, 5.4.4, 5.4.5, 5.4.6, 5.4.7 of IS 5154-1
96	ELECTRICAL- CELLS & BATTERIES	Lead-acid traction batteries	High rate Discharge performance test	Cl. No. 3.3, 5.2, 5.4, 5.4.1, 5.4.2, 5.2.1, 5.4.3, 5.4.4, 5.4.5, 5.4.6, 5.4.7 of IS 5154-1
97	ELECTRICAL- CELLS & BATTERIES	Lead-acid traction batteries	High rate Discharge performance test	Cl. No. 3.3, 5.2, 5.4, 5.4.1, 5.4.2, 5.2.1, 5.4.3, 5.4.4, 5.4.5, 5.4.6, 5.4.7 of IS 5154-1
98	ELECTRICAL- CELLS & BATTERIES	Lead-acid traction batteries	Capacity Test	Cl No. 3.1.2, 4.1.1.2, 4.3, 5.1, 5.2, 5.2.1, 5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.2.6, 5.2.7, 5.2.8 of IS 5154-1
99	ELECTRICAL- CELLS & BATTERIES	Lead-acid traction batteries	Capacity Test	Cl No. 3.1.2, 4.1.1.2, 4.3, 5.1, 5.2, 5.2.1, 5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.2.6, 5.2.7, 5.2.8 of IS 5154-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	111 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
100	ELECTRICAL- CELLS & BATTERIES	Lead-acid traction batteries	Capacity Test	CI No. 3.1.2, 4.1.1.2, 4.3, 5.1, 5.2, 5.2.1, 5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.2.6, 5.2.7, 5.2.8 of IS 5154-1
101	ELECTRICAL- CELLS & BATTERIES	Lead-acid traction batteries	Capacity Test	I No. 3.1.2, 4.1.1.2, 4.3, 5.1, 5.2, 5.2.1, 5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.2.6, 5.2.7, 5.2.8 of IS 5154-1
102	ELECTRICAL- CELLS & BATTERIES	Lead-acid traction batteries	Charge Retention Test	CI No. 3.1.2, 4.3, 5.2, 5.2.4, 5.2.5, 5.2.6, 5.2.7, 5.3, 5.3.1, 5.3.2, 5.3.3 of IS 5154-1
103	ELECTRICAL- CELLS & BATTERIES	Lead-acid traction batteries	Charge Retention Test	CI No. 3.1.2, 4.3, 5.2, 5.2.4, 5.2.5, 5.2.6, 5.2.7, 5.3, 5.3.1, 5.3.2, 5.3.3 of IS 5154-1
104	ELECTRICAL- CELLS & BATTERIES	Lead-acid traction batteries	Charge Retention Test	CI No. 3.1.2, 4.3, 5.2, 5.2.4, 5.2.5, 5.2.6, 5.2.7, 5.3, 5.3.1, 5.3.2, 5.3.3 of IS 5154-1
105	ELECTRICAL- CELLS & BATTERIES	Lead-acid traction batteries	Charge Retention Test	CI No. 3.1.2, 4.3, 5.2, 5.2.4, 5.2.5, 5.2.6, 5.2.7, 5.3, 5.3.1, 5.3.2, 5.3.3 of IS 5154-1
106	ELECTRICAL- CELLS & BATTERIES	Lead-acid traction batteries	Cyclic endurance test	CI No. 4.3, 5.2, 5.5, 5.5.1, 5.5.2, 5.5.3, 5.5.3.1, 5.5.3.2, 5.5.3.3, 5.5.4, 5.5.5 of IS 5154-1
107	ELECTRICAL- CELLS & BATTERIES	Lead-acid traction batteries	Cyclic endurance test	CI No. 4.3, 5.2, 5.5, 5.5.1, 5.5.2, 5.5.3, 5.5.3.1, 5.5.3.2, 5.5.3.3, 5.5.4, 5.5.5 of IS 5154-1
108	ELECTRICAL- CELLS & BATTERIES	Lead-acid traction batteries	Cyclic endurance test	CI No. 4.3, 5.2, 5.5, 5.5.1, 5.5.2, 5.5.3, 5.5.3.1, 5.5.3.2, 5.5.3.3, 5.5.4, 5.5.5 of IS 5154-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	112 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
109	ELECTRICAL- CELLS & BATTERIES	Lead-acid traction batteries	Cyclic endurance test	Cl No. 4.3, 5.2, 5.5, 5.5.1, 5.5.2, 5.5.3, 5.5.3.1, 5.5.3.2, 5.5.3.3, 5.5.4, 5.5.5 of IS 5154-1
110	ELECTRICAL- CELLS & BATTERIES	Lead-acid traction batteries	High rate Discharge performance test	Cl. No. 3.3, 5.2, 5.4, 5.4.1, 5.4.2, 5.2.1, 5.4.3, 5.4.4, 5.4.5, 5.4.6, 5.4.7 of IS 5154-1
111	ELECTRICAL- CELLS & BATTERIES	NICKEL-METAL HSECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES – PORTABLE SEALED RECHARGEABLE SINGLE CELLSYDRIDE	Cell designation and marking	Cl. No. 5, 5.1, 5.1.1, 5.1.1.1, 5.1.1.2, 5.1.1.3, 5.1.2, 5.3, 5.3.1, 5.3.2, of IS 16048-2
112	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Capacity Test	Cl. No. 3.16, 3.17, 3.18, 3.19 , 3.20 of IEC 62133-1
113	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Capacity Test	Cl. No. 3.17, 3.18, 3.19, 3.20, 3.26, 7.1.1, 4 of IS 16046-2
114	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Capacity Test	Cl. No. 3.17, 3.18, 3.19, 3.20, 3.26, 7.1.1, 4 of IS 16046-2
115	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Capacity Test	Cl. No. 3.17, 3.18, 3.19, 3.20, 3.26, 7.1.1, 4 of IS 16046-2
116	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Capacity Test	Cl. No. 3.17, 3.18, 3.19, 3.20, 3.26, 7.1.1, 4 of IS 16046-2
117	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Capacity Test	Cl. No. 3.17, 3.18, 3.19, 3.20, 3.26, 7.1.1, 4 of IEC 62133-2
118	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Capacity Test	Cl. No. 3.17, 3.18, 3.19, 3.20, 3.26, 7.1.1, 4 of IEC 62133-2
119	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Capacity Test	Cl. No. 3.17, 3.18, 3.19, 3.20, 3.26, 7.1.1, 4 of IEC 62133-2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	113 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
120	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Capacity Test	Cl. No. 3.17, 3.18, 3.19, 3.20, 3.26, 7.1.1, 4 of IEC 62133-2
121	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Capacity Test	Cl. No. 3.17, 3.18, 3.19, 3.20, 3.26, 7.1.1, 4 of IS 16046-2
122	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Continuous low-rate charging (Cells)	Cl. No. 7.2.1 of IEC 62133-1
123	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Continuous charge	Cl. No. 7.1.1, 4, 7.2.1 of IEC 62133-2
124	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Continuous charge	Cl. No. 7.1.1, 4, 7.2.1 of IEC 62133-2
125	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Continuous charge	Cl. No. 7.1.1, 4, 7.2.1 of IEC 62133-2
126	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Continuous charge	Cl. No. 7.1.1, 4, 7.2.1 of IEC 62133-2
127	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Continuous charge	Cl. No. 7.1.1, 4, 7.2.1 of IS 16046-2
128	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Continuous charge	Cl. No. 7.1.1, 4, 7.2.1 of IS 16046-2
129	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Continuous charge	Cl. No. 7.1.1, 4, 7.2.1 of IS 16046-2
130	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Continuous charge	Cl. No. 7.1.1, 4, 7.2.1 of IS 16046-2
131	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Free fall	Cl. No. 7.1.1, 7.3.3 of IEC 62133-2
132	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Free fall	Cl. No. 7.3.3 of IEC 62133-1
133	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Free fall	Cl. No. 7.1.1, 7.3.3 of IS 16046-2
134	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Marking	Cl. No. 9 of IEC 62133-1
135	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Marking	Cl. No. 9 of IS 16046-2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	114 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
136	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	marking	IEC 62133-2
137	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Over-charge	Cl. No. 7.3.8 of IEC 62133-1
138	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Over-charging of battery	Cl. No. 7.1.1, 4, 7.3.6 of IEC 62133-2
139	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Over-charging of battery	Cl. No. 7.1.1, 4, 7.3.6 of IEC 62133-2
140	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Over-charging of battery	Cl. No. 7.1.1, 4, 7.3.6 of IS 16046-2
141	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Over-charging of battery	Cl. No. 7.1.1, 4, 7.3.6 of IS 16046-2
142	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Over-charging of battery	Cl. No. 7.1.1, 4, 7.3.6 of IEC 62133-2
143	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Over-charging of battery	Cl. No. 7.1.1, 4, 7.3.6 of IS 16046-2
144	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Over-charging of battery	Cl. No. 7.3.6 of IEC 62133-2
145	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Application	Over-charge	Cl. No. 7.3.8 of IS 16046-1
146	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications	Continuous low-rate charging (Cells)	Cl. No. 7.2.1 of IS 16046-1
147	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications	Continuous low-rate charging (Cells)	Cl. No. 7.2.1 of IS 16046-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	115 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
148	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications	Continuous low-rate charging (Cells)	Cl. No. 7.2.1 of IS 16046-1
149	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications	Continuous low-rate charging (Cells)	Cl. No. 7.2.1 of IS 16046-1
150	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications	Free fall	Cl. No. 7.3.3 of IS 16046-1
151	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications	Marking	Cl. No. 9 of IS 16046-1
152	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications	Over-charge	Cl. No. 7.3.8 of S 16046-1
153	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications	Over-charge	Cl. No. 7.3.8 of S 16046-1
154	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications	Over-charge	Cl. No. 7.3.8 of S 16046-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	116 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
155	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Storage	Cl. No.: 7.10 , 7.2, 7.3.4 of IS 7372
156	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Discharge performance at 20 °C	Cl. No. 7.3.2, 7.2 of IEC 61951-2
157	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Discharge performance at 20 °C	Cl. No. 7.3.2, 7.2 of IEC 61951-2
158	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Discharge performance at 20 °C	Cl. No. 7.3.2, 7.2 of IS 16048-2
159	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Cell designation and marking	Cl. No. 5, 5.1, 5.1.1, 5.1.1.1, 5.1.1.2, 5.1.1.3, 5.1.2, 5.3, 5.3.1, 5.3.2, of IEC 61951-2
160	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Cell designation and marking	Cl. No. 5, 5.1, 5.1.1, 5.1.1.1, 5.1.1.2, 5.1.1.3, 5.1.2, 5.3, 5.3.1, 5.3.2, of IS 16048-2
161	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Charge (capacity) retention	Cl. No. 7.4, 7.2 of IS 16048-2
162	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Charge (capacity) retention	Cl. No. 7.4, 7.2 of IEC 61951-2
163	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Charge (capacity) retention	Cl. No. 7.4, 7.2 of IEC 61951-2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	117 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
164	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Charge (capacity) retention	Cl. No. 7.4, 7.2 of IEC 61951-2
165	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Charge (capacity) retention	Cl. No. 7.4, 7.2 of IS 16048-2
166	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Charge (capacity) retention	Cl. No. 7.4, 7.2 of IS 16048-2
167	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Charge (capacity) retention	Cl. No. 7.4, 7.2 of IS 16048-2
168	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Charge (capacity) retention	Cl. No. 7.4, 7.2 of IS 16048-2
169	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Charge (capacity) retention Charge (capacity) retention	Cl. No. 7.4, 7.2 of IEC 61951-2
170	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Dimensions	Cl. No.: 6, 6.1, 6.1.1, 6.1.2, 6.1.3, 6.1.3.1, 6.1.3.2, 6.2, of IS 16048-2
171	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Dimensions	Cl. No.: 6, 6.1, 6.1.1, 6.1.2, 6.1.3, 6.1.3.1, 6.1.3.2, 6.2, of IS 16048-2
172	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Dimensions	Cl. No.: 6, 6.1, 6.1.1, 6.1.2, 6.1.3, 6.1.3.1, 6.1.3.2, 6.2, of IS 16048-2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-15149 **Page No** 118 of 187

Validity 20/12/2024 to 19/12/2028 **Last Amended on** -

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
173	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Dimensions (L x W x H)	Cl. No.: 6, 6.1, 6.1.1, 6.1.2, 6.1.3, 6.1.3.1, 6.1.3.2, 6.2, of IS 16048-2
174	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Dimensions (L x W x H)	Cl. No.: 6, 6.1, 6.1.1, 6.1.2, 6.1.3, 6.1.3.1, 6.1.3.2, 6.2, of IEC 61951-2
175	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Dimensions (L x W x H)	Cl. No.: 6, 6.1, 6.1.1, 6.1.2, 6.1.3, 6.1.3.1, 6.1.3.2, 6.2, of IEC 61951-2
176	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Dimensions (L x W x H)	Cl. No.:8.2.1 of IS 16048-2
177	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Discharge performance at 20 °C	Cl. No. 7.3.2, 7.2 of IS 16048-2
178	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Discharge performance at 20 °C	Cl. No. 7.3.2, 7.2 of IEC 61951-2
179	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Discharge performance at 20 °C	Cl. No. 7.3.2, 7.2 of IEC 61951-2
180	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Discharge performance at 20 °C	Cl. No. 7.3.2, 7.2 of IS 16048-2
181	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Discharge performance at 20 °C	Cl. No. 7.3.2, 7.2 of IS 16048-2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	119 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
182	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Discharge performance at 20 °C	Cl. No. 7.3.2, 7.2 of IS 16048-2
183	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Endurance	Cl No. 7.5, 7.5.1, 7.5.1.1, 7.5.1.2, 7.5.1.3, 7.5.1.4, 7.5.1.4.1, 7.5.1.4.2, 7.5.1.4.3, 7.5.1.4.4, 7.5.2, 7.5.2.1, 7.5.2.2 of IS 16048-2
184	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Endurance	Cl No. 7.5, 7.5.1, 7.5.1.1, 7.5.1.2, 7.5.1.3, 7.5.1.4, 7.5.1.4.1, 7.5.1.4.2, 7.5.1.4.3, 7.5.1.4.4, 7.5.2, 7.5.2.1, 7.5.2.2, of IEC 61951-2
185	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Endurance	Cl No. 7.5, 7.5.1, 7.5.1.1, 7.5.1.2, 7.5.1.3, 7.5.1.4, 7.5.1.4.1, 7.5.1.4.2, 7.5.1.4.3, 7.5.1.4.4, 7.5.2, 7.5.2.1, 7.5.2.2, of IEC 61951-2
186	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Endurance	Cl No. 7.5, 7.5.1, 7.5.1.1, 7.5.1.2, 7.5.1.3, 7.5.1.4, 7.5.1.4.1, 7.5.1.4.2, 7.5.1.4.3, 7.5.1.4.4, 7.5.2, 7.5.2.1, 7.5.2.2, of IEC 61951-2
187	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Endurance	Cl No. 7.5, 7.5.1, 7.5.1.1, 7.5.1.2, 7.5.1.3, 7.5.1.4, 7.5.1.4.1, 7.5.1.4.2, 7.5.1.4.3, 7.5.1.4.4, 7.5.2, 7.5.2.1, 7.5.2.2, of IEC 61951-2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-15149 **Page No** 120 of 187

Validity 20/12/2024 to 19/12/2028 **Last Amended on** -

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
188	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES – PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Endurance	CI No. 7.5, 7.5.1, 7.5.1.1, 7.5.1.2, 7.5.1.3, 7.5.1.4, 7.5.1.4.1, 7.5.1.4.2, 7.5.1.4.3, 7.5.1.4.4, 7.5.2, 7.5.2.1, 7.5.2.2, of IS 16048-2
189	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES – PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Endurance	CI No. 7.5, 7.5.1, 7.5.1.1, 7.5.1.2, 7.5.1.3, 7.5.1.4, 7.5.1.4.1, 7.5.1.4.2, 7.5.1.4.3, 7.5.1.4.4, 7.5.2, 7.5.2.1, 7.5.2.2, of IS 16048-2
190	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES – PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Endurance	CI No. 7.5, 7.5.1, 7.5.1.1, 7.5.1.2, 7.5.1.3, 7.5.1.4, 7.5.1.4.1, 7.5.1.4.2, 7.5.1.4.3, 7.5.1.4.4, 7.5.2, 7.5.2.1, 7.5.2.2, of IS 16048-2
191	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES – PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Endurance	CI No. 7.5, 7.5.1, 7.5.1.1, 7.5.1.2, 7.5.1.3, 7.5.1.4, 7.5.1.4.1, 7.5.1.4.2, 7.5.1.4.3, 7.5.1.4.4, 7.5.2, 7.5.2.1, 7.5.2.2, of IS 16048-2
192	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES – PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Overcharge	Cl. No. 7.7 , 7.7.1, 7.7.3, of IEC 62133-2
193	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES – PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Overcharge	Cl. No. 7.7 , 7.7.1, 7.7.3, of IEC 61951-2
194	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES – PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Overcharge	Cl. No. 7.7 , 7.7.1, 7.7.3, of IEC 61951-2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-15149 **Page No** 121 of 187

Validity 20/12/2024 to 19/12/2028 **Last Amended on** -

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
195	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Overcharge	Cl. No. 7.7 , 7.7.1, 7.7.3, of IEC 61951-2
196	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	overcharge	Cl. No. 7.7 , 7.7.1, 7.7.3, of IEC 61951-2
197	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Overcharge	Cl. No. 7.7 , 7.7.1, 7.7.3, of IS 16048-2
198	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Overcharge	Cl. No. 7.7 , 7.7.1, 7.7.3, of IS 16048-2
199	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Overcharge	Cl. No. 7.7 , 7.7.1, 7.7.3, of IS 16048-2
200	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Overcharge	Cl. No. 7.7 , 7.7.1, 7.7.3, of IS 16048-2
201	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Storage	Cl. No.: 7.10 , 7.2, 7.3.4 of IEC 61951-2
202	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Storage	Cl. No.: 7.10 , 7.2, 7.3.4 of IEC 61951-2
203	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Storage	Cl. No.: 7.10 , 7.2, 7.3.4 of IEC 61951-2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-15149 **Page No** 122 of 187

Validity 20/12/2024 to 19/12/2028 **Last Amended on** -

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
204	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Storage	Cl. No.: 7.10 , 7.2, 7.3.4 of IS 16048-2
205	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Storage	Cl. No.: 7.10 , 7.2, 7.3.4 of IS 16048-2
206	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Storage	Cl. No.: 7.10 , 7.2, 7.3.4 of IS 16048-2
207	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Storage	Cl. No.: 7.10 , 7.2, 7.3.4 of IS 16048-2
208	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — PORTABLE SEALED RECHARGEABLE SINGLE CELLS	Storage	Cl. No.: 7.10 , 7.2, 7.3.4 of IEC 61951-2
209	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Discharge performance at 20 °C	Cl. No. 7.3.1, 7.2 of IS 16047-3
210	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Discharge performance at 20 °C	Cl. No. 7.3.1, 7.2 of IEC 61960-3
211	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Discharge performance at 20 °C	Cl. No. 7.3.1, 7.2 of IEC 61960-3
212	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Discharge performance at 20 °C	Cl. No. 7.3.1, 7.2 of IS 16047-3



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	123 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
213	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Discharge performance at 20 °C	Cl. No. 7.3.1, 7.2 of IS 16047-3
214	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Discharge performance at 20 °C	Cl. No. 7.3.2, 7.2 of IEC 61951-2
215	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Discharge performance at 20 °C	Cl. No. 7.3.2, 7.2 of IEC 61951-2
216	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	High rate Discharge performance at 20 °C	Cl. No. 7.3.3, 7.2 of IS 16047-3
217	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	High rate Discharge performance at 20 °C	Cl. No. 7.3.3, 7.2 of IS 16047-3
218	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	High rate Discharge performance at 20 °C	Cl. No. 7.3.3, 7.2 of IS 16047-3
219	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Cell designation and marking	Cl. No. 5.1, 5.1.1, 5.1.1.1, 5.1.1.2, 5.1.1.3, 5.1.2, 5.3, 5.3.1, 5.3.2, of IEC 61960-3
220	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Cell designation and marking	Cl. No. 5.1, 5.1.1, 5.1.1.1, 5.1.1.2, 5.1.1.3, 5.1.2, 5.3, 5.3.1, 5.3.2, of IS 16047-3
221	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Cell designation and marking	Cl. No. 5, 5.1, 5.1.1, 5.1.1.1, 5.1.1.2, 5.1.1.3, 5.1.2, 5.3, 5.3.1, 5.3.2, of IEC 61951-2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	124 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
222	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Charge (capacity) retention	Cl. No. 7.4, 7.2 of IEC 61951-2
223	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Charge (capacity) retention	Cl. No. 7.4, 7.2 of IEC 61951-2
224	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Charge (capacity) retention	Cl. No. 7.4, 7.2 of IEC 61951-2
225	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Charge (capacity) retention	Cl. No. 7.4, 7.2 of IEC 61951-2
226	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Charge (capacity) retention and recover	Cl. No. 7.4, 7.2 of IEC 61960-3
227	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Charge (capacity) retention and recovery	Cl. No. 7.4, 7.2 of IEC 61960-3
228	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Charge (capacity) retention and recovery	Cl. No. 7.4, 7.2 of IEC 61960-3
229	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Charge (capacity) retention and recovery	Cl. No. 7.4, 7.2 of IEC 61960-3
230	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Charge (capacity) retention and recovery	Cl. No. 7.4, 7.2 of IS 16047-3



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	125 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
231	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Charge (capacity) retention and recovery	Cl. No. 7.4, 7.2 of IS 16047-3
232	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Dimensions (L x W x H)	Cl. No.: 6, 6.1, 6.1.1, 6.1.2, 6.1.3, 6.1.3.1, 6.1.3.2, 6.2, of IEC 61951-2
233	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Dimensions (L x W x H)	Cl. No.: 6, 6.1, 6.1.1, 6.1.2, 6.1.3, 6.1.3.1, 6.1.3.2, 6.2, of IEC 61951-2
234	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Dimensions (L x W x H)	Cl. No.: 8.2.1 of IEC 61960-3
235	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Dimensions (L x W x H)	Cl. No.: 8.2.1 of IEC 61960-3
236	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Dimensions (L x W x H)	Cl. No.:8.2.1 of IS 16048-2
237	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Discharge performance at 20 °C	Cl. No. 7.3.1, 7.2 of IEC 61960-3
238	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Discharge performance at 20 °C	Cl. No. 7.3.1, 7.2 of IS 16047-3
239	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Discharge performance at 20 °C	Cl. No. 7.3.2, 7.2 of IEC 61951-2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-15149 **Page No** 126 of 187

Validity 20/12/2024 to 19/12/2028 **Last Amended on** -

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
240	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Discharge performance at 20 °C	Cl. No. 7.3.2, 7.2 of IEC 61951-2
241	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Endurance	Cl No. 7.5, 7.5.1, 7.5.1.1, 7.5.1.2, 7.5.1.3, 7.5.1.4, 7.5.1.4.1, 7.5.1.4.2, 7.5.1.4.3, 7.5.1.4.4, 7.5.2, 7.5.2.1, 7.5.2.2, of IEC 61951-2
242	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Endurance	Cl No. 7.5, 7.5.1, 7.5.1.1, 7.5.1.2, 7.5.1.3, 7.5.1.4, 7.5.1.4.1, 7.5.1.4.2, 7.5.1.4.3, 7.5.1.4.4, 7.5.2, 7.5.2.1, 7.5.2.2, of IEC 61951-2
243	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Endurance	Cl No. 7.5, 7.5.1, 7.5.1.1, 7.5.1.2, 7.5.1.3, 7.5.1.4, 7.5.1.4.1, 7.5.1.4.2, 7.5.1.4.3, 7.5.1.4.4, 7.5.2, 7.5.2.1, 7.5.2.2, of IEC 61951-2
244	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Endurance	Cl No. 7.5, 7.5.1, 7.5.1.1, 7.5.1.2, 7.5.1.3, 7.5.1.4, 7.5.1.4.1, 7.5.1.4.2, 7.5.1.4.3, 7.5.1.4.4, 7.5.2, 7.5.2.1, 7.5.2.2, of IEC 61951-2
245	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Endurance in cycle	Cl No. 7.6.1, 7.6.2, 7.6.3, of IEC 61960-3
246	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Endurance in cycle	Cl No. 7.6.1, 7.6.2, 7.6.3, of IEC 61960-3



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	127 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
247	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Endurance in cycle	Cl No. 7.6.1, 7.6.2, 7.6.3, of IEC 61960-3
248	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Endurance in cycle	Cl No. 7.6.1, 7.6.2, 7.6.3, of IEC 61960-3
249	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Endurance in cycle	Cl No. 7.6.1, 7.6.2, 7.6.3, of IS 16047-3
250	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Endurance in cycle	Cl No. 7.6.1, 7.6.2, 7.6.3, of IS 16047-3
251	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Endurance in cycle	Cl No. 7.6.1, 7.6.2, 7.6.3, of IS 16047-3
252	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Endurance in cycle	Cl No. 7.6.1, 7.6.2, 7.6.3, of IS 16047-3
253	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	High rate Discharge performance at 20 °C	Cl. No. 7.3.3, 7.2 of IS 16047-3
254	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	High rate Discharge performance at 20 °C	Cl. No. 7.3.3, 7.2 of IS 16047-3
255	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	High rate Discharge performance at 20 °C	Cl. No. 7.3.3, 7.2 of IS 16047-3



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	128 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
256	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Overcharge	Cl. No. 7.7 , 7.7.1, 7.7.3, of IEC 61951-2
257	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Overcharge	Cl. No. 7.7 , 7.7.1, 7.7.3, of IEC 61951-2
258	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Overcharge	Cl. No. 7.7 , 7.7.1, 7.7.3, of IEC 61951-2
259	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Overcharge	Cl. No. 7.7 , 7.7.1, 7.7.3, of IEC 61951-2
260	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Storage	Cl. No.: 7.10 , 7.2, 7.3.4 of IEC 61951-2
261	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Storage	Cl. No.: 7.10 , 7.2, 7.3.4 of IEC 61951-2
262	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Storage	Cl. No.: 7.10 , 7.2, 7.3.4 of IEC 61951-2
263	ELECTRICAL- CELLS & BATTERIES	SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE OR OTHER NON-ACID ELECTROLYTES — SECONDARY LITHIUM CELLS AND BATTERIES FOR PORTABLE APPLICATION	Storage	Cl. No.: 7.10 , 7.2, 7.3.4 of IEC 61951-2
264	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Capacity Test	Cl No. 6(a), 8.1, 7.2 of IS 16270
265	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Capacity Test	Cl No. 6(a), 8.1, 7.2 of IS 16270



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	129 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
266	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Capacity Test	CI No. 6(a), 8.1, 7.2 of IS 16270
267	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Capacity Test	CI No. 6(a), 8.1, 7.2 of IS 16270
268	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Charge Retention Test	CI No. 6(c), 8.3, 7.2 of IS 16270
269	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Charge Retention Test	CI No. 6(c), 8.3, 7.2 of IS 16270
270	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Charge Retention Test	CI No. 6(c), 8.3, 7.2 of IS 16270
271	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Charge Retention Test	CI No. 6(c), 8.3, 7.2 of IS 16270
272	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Cycle Endurance in Photovoltaic Application (Extreme Conditions)	CI No. 6(d), 8.4, 8.4.1, 8.4.2, 8.4.3, 8.4.4, 8.4.5, 8.4.6, 7.2 of IS 16270
273	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Cycle Endurance in Photovoltaic Application (Extreme Conditions)	CI No. 6(d), 8.4, 8.4.1, 8.4.2, 8.4.3, 8.4.4, 8.4.5, 8.4.6, 7.2 of IS 16270
274	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Cycle Endurance in Photovoltaic Application (Extreme Conditions)	CI No. 6(d), 8.4, 8.4.1, 8.4.2, 8.4.3, 8.4.4, 8.4.5, 8.4.6, 7.2 of IS 16270
275	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Cycle Endurance in Photovoltaic Application (Extreme Conditions)	CI No. 6(d), 8.4, 8.4.1, 8.4.2, 8.4.3, 8.4.4, 8.4.5, 8.4.6, 7.2 of IS 16270
276	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Endurance test	CI No. 6(b), 8.2, 7.2 of IS 16270
277	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Endurance test	CI No. 6(b), 8.2, 7.2 of IS 16270
278	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Endurance test	CI No. 6(b), 8.2, 7.2 of IS 16270
279	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Endurance test	CI No. 6(b), 8.2, 7.2 of IS 16270
280	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Marking	CI No. 5.4, 7.2 of IS 16270



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	130 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
281	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Recovery from sulphation test	CI No. 6(e), 8.5, 8.5.1, 8.5.2, 8.5.2.1 of IS 16270
282	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Recovery from sulphation test	CI No. 6(e), 8.5, 8.5.1, 8.5.2, 8.5.2.1 of IS 16270
283	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Recovery from sulphation test	CI No. 6(e), 8.5, 8.5.1, 8.5.2, 8.5.2.1 of IS 16270
284	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Recovery from sulphation test	CI No. 6(e), 8.5, 8.5.1, 8.5.2, 8.5.2.1 of IS 16270
285	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Water Loss Test	CI No. 6(f), 8.6, 7.2 of IS 16270
286	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Water Loss Test	CI No. 6(f), 8.6, 7.2 of IS 16270
287	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Water Loss Test	CI No. 6(f), 8.6, 7.2 of IS 16270
288	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Water Loss Test	CI No. 6(f), 8.6, 7.2 of IS 16270
289	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Water Loss Test	CI No. 6(f), 8.6, 7.2 of IS 16270
290	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Capacity Test	Cl. No. 7.1 of JIS C 8702-1
291	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Capacity Test	Cl. No. 7.1 of JIS C 8702-1
292	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Capacity Test	Cl. No. 7.1 of JIS C 8702-1
293	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Capacity Test	Cl. No. 7.1 of JIS C 8702-1
294	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Construction, Mechanical Strength, Marking, Marking of polarity	CI No. 4.1, 4.2, 4.3, 4.4 of JIS C 8702-1
295	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Cycle service endurance	Cl. No. 7.3 of JIS C 8702-1
296	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Cycle service endurance	Cl. No. 7.3 of JIS C 8702-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	131 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
297	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Cycle service endurance	Cl. No. 7.3 of JIS C 8702-1
298	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Cycle service endurance	Cl. No. 7.3 of JIS C 8702-1
299	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	High rate discharge characteristics	Cl. No. 7.2 of JIS C 8702-1
300	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	High rate discharge characteristics	Cl. No. 7.2 of JIS C 8702-1
301	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	High rate discharge characteristics	Cl. No. 7.2 of JIS C 8702-1
302	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	High rate discharge characteristics	Cl. No. 7.2 of JIS C 8702-1
303	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Storage characteristics	Cl. No.: 7.4 of JIS C 8702-1
304	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Storage characteristics	Cl. No.: 7.4 of JIS C 8702-1
305	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Storage characteristics	Cl. No.: 7.4 of JIS C 8702-1
306	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Storage characteristics	Cl. No.: 7.4 of JIS C 8702-1
307	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Ampere-hour and watt-hour efficiency tests	Cl. No.: 12.9, 12.9.1, 12.9.1.1, 12.9.2 of IS 1651
308	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Ampere-hour and watt-hour efficiency tests	Cl. No.: 12.9, 12.9.1, 12.9.1.1, 12.9.2 of IS 1651
309	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Ampere-hour and watt-hour efficiency tests	Cl. No.: 12.9, 12.9.1, 12.9.1.1, 12.9.2 of IS 1651
310	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Endurance test	Cl. No.: 12.8, 12.8.1, 12.8.2, 12.8.2.1, 12.8.2.4, 12.8.3 & 12.8.3.1 of IS 1651



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	132 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
311	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Endurance test	Cl. No.: 12.8, 12.8.1, 12.8.2, 12.8.2.1, 12.8.2.4, 12.8.3 & 12.8.3.1 of IS 1651
312	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Endurance test	Cl. No.: 12.8, 12.8.1, 12.8.2, 12.8.2.1, 12.8.2.4, 12.8.3 & 12.8.3.1 of IS 1651
313	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Test for capacity	Cl. No.: 12.5, 12.5.1, 12.5.2, 12.5.3, 12.5.4, 12.5.6, 12.5.7.1 & 12.10, 12.10.1 of IS 1651
314	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Test for capacity	Cl. No.: 12.5, 12.5.1, 12.5.2, 12.5.3, 12.5.4, 12.5.6, 12.5.7.1 & 12.10, 12.10.1 of IS 1651
315	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Test for capacity	Cl. No.: 12.5, 12.5.1, 12.5.2, 12.5.3, 12.5.4, 12.5.6, 12.5.7.1 & 12.10, 12.10.1 of IS 1651
316	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Test for loss of capacity on storage	Cl. No.: 12.7, 12.7.1, 12.7.3, 12.7.4, 12.7.5, 12.7.6 of IS 1651
317	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Test for loss of capacity on storage	Cl. No.: 12.7, 12.7.1, 12.7.3, 12.7.4, 12.7.5, 12.7.6 of IS 1651
318	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Verification of Marking	Cl. No.: 12.3 & 8.1, 8.2 of IS 1651
319	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Water Loss Test	Cl. No.: 12.11, 12.11.1 of IS 1651
320	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Water Loss Test	Cl. No.: 12.11, 12.11.1 of IS 1651
321	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Ampere-hour and watt-hour efficiency tests	Cl. No.: 12.9, 12.9.1, 12.9.1.1, 12.9.2 of IS 1651



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	133 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
322	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Test for loss of capacity on storage	Cl. No.: 12.7, 12.7.1, 12.7.3, 12.7.4, 12.7.5, 12.7.6 of IS 1651
323	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Verification of the dimensions	Cl. No.: 12.4 of IS 1651
324	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Water Loss Test	Cl. No.: 12.11, 12.11.1 of IS 1651
325	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Water Loss Test	Cl. No.: 12.11, 12.11.1 of IS 1651
326	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Water Loss Test	Cl. No.: 12.11, 12.11.1 of IS 1651
327	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Ampere-hour and watt-hour efficiency tests	Cl. No.: 10.1, 10.2, 10.10, 10.10.1, 10.10.1.1, 10.10.2, 10.10.2.1 of IS 1652
328	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Ampere-hour and watt-hour efficiency tests	Cl. No.: 10.1, 10.2, 10.10, 10.10.1, 10.10.1.1, 10.10.2, 10.10.2.1 of IS 1652
329	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Ampere-hour and watt-hour efficiency tests	Cl. No.: 10.1, 10.2, 10.10, 10.10.1, 10.10.1.1, 10.10.2, 10.10.2.1 of IS 1652
330	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Ampere-hour and watt-hour efficiency tests	Cl. No.: 10.1, 10.2, 10.10, 10.10.1, 10.10.1.1, 10.10.2, 10.10.2.1 of IS 1652
331	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Endurance test	Cl. No.: 10.1, 10.2, 10.9, 10.9.1, 10.9.2, 10.9.4, 10.9.5, 10.9.6, 10.9.7 of IS 1652
332	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Endurance test	Cl. No.: 10.1, 10.2, 10.9, 10.9.1, 10.9.2, 10.9.4, 10.9.5, 10.9.6, 10.9.7 of IS 1652



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	134 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
333	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Endurance test	Cl. No.: 10.1, 10.2, 10.9, 10.9.1, 10.9.2, 10.9.4, 10.9.5, 10.9.6, 10.9.7 of IS 1652
334	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Endurance test	Cl. No.: 10.1, 10.2, 10.9, 10.9.1, 10.9.2, 10.9.4, 10.9.5, 10.9.6, 10.9.7 of IS 1652
335	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Loss of Water Test	Cl. No.: 10.1, 10.2, 10.12, 10.12.1 of IS 1652
336	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Loss of Water Test	Cl. No.: 10.1, 10.2, 10.12, 10.12.1 of IS 1652
337	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Loss of Water Test	Cl. No.: 10.1, 10.2, 10.12, 10.12.1 of IS 1652
338	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Loss of Water Test	Cl. No.: 10.1, 10.2, 10.12, 10.12.1 of IS 1652
339	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Loss of Water Test	Cl. No.: 10.1, 10.2, 10.12, 10.12.1 of IS 1652
340	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Test for capacity	Cl. No.: 10.1, 10.2, 10.6, 10.6.1, 10.6.1.1, 10.6.2, 10.11, 10.11.1 of IS 1652
341	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Test for capacity	Cl. No.: 10.1, 10.2, 10.6, 10.6.1, 10.6.1.1, 10.6.2, 10.11, 10.11.1 of IS 1652
342	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Test for capacity	Cl. No.: 10.1, 10.2, 10.6, 10.6.1, 10.6.1.1, 10.6.2, 10.11, 10.11.1 of IS 1652
343	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Test for capacity	Cl. No.: 10.1, 10.2, 10.6, 10.6.1, 10.6.1.1, 10.6.2, 10.11, 10.11.1 of IS 1652
344	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Test for loss of capacity on storage	Cl. No.: 10.1, 10.2, 10.8, 10.8.1, 10.8.2, 10.8.3, 10.8.4, 10.8.5, 10.8.6 of IS 1652



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	135 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
345	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Test for loss of capacity on storage	Cl. No.: 10.1, 10.2, 10.8, 10.8.1, 10.8.2, 10.8.3, 10.8.4, 10.8.5, 10.8.6 of IS 1652
346	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Test for loss of capacity on storage	Cl. No.: 10.1, 10.2, 10.8, 10.8.1, 10.8.2, 10.8.3, 10.8.4, 10.8.5, 10.8.6 of IS 1652
347	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Test for loss of capacity on storage	Cl. No.: 10.1, 10.2, 10.8, 10.8.1, 10.8.2, 10.8.3, 10.8.4, 10.8.5, 10.8.6 of IS 1652 (Cl. No.: 11.6) of IS 13369 (Cl. No.: 11.6) of IS 13369 (Cl. No.: 11.6) of IS 13369
348	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Verification of constructions requirements	Cl. No. 5.1, 5.1.1, 5.2, 5.3, 5.4, 5.5, 5.5.1, 5.5.2, 5.5.3, 5.6, 5.7, 5.8, 5.9, 5.10, 5.11 of IS 1652
349	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Verification of Marking	Cl. No.: 7, 7.1, 7.1.1 of IS 1652
350	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Verification of the dimensions	Cl. No.: 6 of IS 1652
351	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type with Plante Positive Plates- Specification	Verification of the dimensions	Cl. No.: 6 of IS 1652
352	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Ampere-hour and watt-hour efficiency tests	Cl. No.: 12.9, 12.9.1, 12.9.1.1, 12.9.2 of IS 1651
353	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Endurance test	Cl. No.: 12.8, 12.8.1, 12.8.2, 12.8.2.1, 12.8.2.4, 12.8.3 & 12.8.3.1 of IS 1651
354	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Test for capacity	Cl. No.: 12.5, 12.5.1, 12.5.2, 12.5.3, 12.5.4, 12.5.6, 12.5.7.1 & 12.10, 12.10.1 of IS 1651



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	136 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
355	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Verification of constructions requirements	Cl. No. 12.2, 6.1, 6.2.1, 6.2.2, 6.3.1, 6.3.2, 6.4, 6.5, 6.6 of IS 1651
356	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Test for loss of capacity on storage	Cl. No.: 12.7, 12.7.1, 12.7.3, 12.7.4, 12.7.5, 12.7.6 of IS 1651
357	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Water Loss Test	Cl. No.: 11.9 of IS 13369
358	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Ampere-hour and watt-hour efficiency tests	Cl No. 11.8 of IS 13369
359	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Ampere-hour and watt-hour efficiency tests	Cl No. 11.8 of IS 13369
360	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Ampere-hour and watt-hour efficiency tests	Cl No. 11.8 of IS 13369
361	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Ampere-hour and watt-hour efficiency tests	Cl No. 11.8 of IS 13369
362	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Endurance Test	Cl No. 11.7 of IS 13369
363	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Endurance Test	Cl No. 11.7 of IS 13369
364	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Endurance Test	Cl No. 11.7 of IS 13369
365	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Endurance Test	Cl No. 11.7 of IS 13369
366	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Equilibrium Float Current Test	Cl No. 11.10 of IS 13369
367	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Equilibrium Float Current Test	Cl No. 11.10 of IS 13369
368	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Test for capacity	Cl No. 11.5 of IS 13369
369	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Test for capacity	Cl No. 11.5 of IS 13369
370	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Test for capacity	Cl No. 11.5 of IS 13369



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	137 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
371	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Test for capacity	Cl No. 11.5 of IS 13369
372	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Test for loss of capacity on storage	Cl No. 11.6 of IS 13369
373	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Test for loss of capacity on storage	Cl No. 11.6 of IS 13369
374	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Test for loss of capacity on storage	Cl No. 11.6 of IS 13369
375	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Test for loss of capacity on storage	Cl No. 11.6 of IS 13369
376	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Verification of constructions requirements	Cl No. 11.2, 6.1, 6.2, 6.3, 6.4, 6.5 of IS 13369
377	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Verification of marking	Cl No. 11.3, 8.1, 8.2 of IS 13369
378	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Verification of the dimensions	Cl No. 11.4, 8.2 of IS 13369
379	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Water Loss Test	Cl. No.: 11.9 of IS 13369
380	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID BATTERIES	Checking of dimension as per manufacturer's drawing,	Cl. No.: 10.1.1(b), of IS 15549
381	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID BATTERIES	Checking of dimension as per manufacturer's drawing,	Cl. No.: 10.1.1(b), of IS 15549
382	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID BATTERIES	Endurance life cycle test	Cl No. 12.10 of IS 15549
383	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID BATTERIES	Endurance life cycle test	Cl No. 12.10 of IS 15549
384	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID BATTERIES	Endurance life cycle test	Cl No. 12.10 of IS 15549
385	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID BATTERIES	Endurance life cycle test	Cl No. 12.10 of IS 15549



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	138 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
386	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID BATTERIES	Test for C 1 capacity and voltage during discharge	CI No. 12.2 of IS 15549
387	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID BATTERIES	Test for C 1 capacity and voltage during discharge	CI No. 12.2 of IS 15549
388	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID BATTERIES	Test for C 1 capacity and voltage during discharge	CI No. 12.2 of IS 15549
389	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID BATTERIES	Test for C 1 capacity and voltage during discharge	CI No. 12.2 of IS 15549
390	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID BATTERIES	Test for C 10 capacity and voltage during discharge	CI No. 12.1 of IS 15549
391	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID BATTERIES	Test for C 10 capacity and voltage during discharge	CI No. 12.1 of IS 15549
392	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID BATTERIES	Test for C 10 capacity and voltage during discharge	CI No. 12.1 of IS 15549
393	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID BATTERIES	Test for C 10 capacity and voltage during discharge	CI No. 12.1 of IS 15549
394	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID	Ampere hour and watt hour efficiency	CI No. 12.4, 12.5 of IS 15549
395	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID	Endurance life cycle test	CI No. 12.10 of IS 15549
396	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID	Material and Construction, Marking on Cell	Cl. No.: 10.1.1(a), 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 8. of IS 15549
397	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID	STATIONARY VALVE REGULATED LEAD ACID	CI No. 12.1 of IS 15549
398	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID	Test for C 1 capacity and voltage during	CI No. 12.2 of IS 15549
399	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID	Test for retention of charge	CI No. 12.6 of IS 15549
400	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters	Shock Test	IS 9000 Part-7 Sec 1-5



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	139 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
401	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Shock Test	Cl. No. 12.3.1 of IS 13779
402	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Vibration Test	Cl No. 12.3.2 of IS 13779
403	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Vibration Test	Cl No. 12.3.2 of IS 13779
404	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Vibration Test	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020 (clause No. 6.5)
405	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Vibration Test	IS 16444+Amd 1+Amd 2 (Cl. No. 6.5)
406	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Shock Test	IS 16444
407	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Shock Test	IS 16444 :2015+Amd1:2017: +Amd 2:2019, RA:2020 (clause No. 6.5)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	140 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
408	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	(Sine)Vibration test	IS16444 (Part 2) (Clause No. 6.5)
409	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	(Sine)Vibration test	IS16444:2017 Part 2(clause No. 6.5)
410	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Vibration test	IS 16444 (Part 2):2017+Amd 1:2019 (clause No. 6.5)
411	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Vibration test	IS 16444 (Part 2)+Amd 1 (Clause No. 6.5)
412	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S	Shock Test	Cl. No. 12.3.1 of IS 14697
413	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S	Vibration test	Cl No. 12.3.2 of IS 14697
414	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S	Vibration test	Cl No. 12.3.2 of IS 14697



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	141 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
415	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Shock Test	Cl. No. 5.2.2 of IS 15884
416	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Shock Test	Cl. No. 5.2.2 of IS 15884
417	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Vibration Test	Cl. No. 5.2.3 of IS 15884
418	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Shock Test	Cl. No. 5.2.2 of CBIP Publication No.: 304
419	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Shock Test	Cl. No. 5.2.2 of CBIP Publication No.: 325
420	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Vibration Test	Cl. No. 5.1.3 of CBIP 111
421	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Shock Test	Cl. No. 5.1.2 of CBIP Publication No.: 111



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	142 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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422	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Shock Test	Cl. No. 5.2.2 of CBIP Publication No.: 304
423	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Shock Test	Cl. No. 5.2.2 of CBIP Publication No.: 325
424	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Vibration Test	Cl. 5.6.9 of CBIP Publication 325
425	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Vibration Test	Cl. No. 5.2.3 of CBIP Publication No.: 304
426	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Vibration test	Cl. No. 5.2.3 of CBIP Publication No.: 325
427	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Shock Test	Cl. No. of IEC 60068-2-27
428	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Shock Test	Cl. No. of IEC 60068-2-27



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

143 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
429	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Shock Test	Cl. No. of IEC 60068-2-27
430	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Shock Test	Cl. No. of IS 9000 (Part-7)
431	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Shock Test	Cl. No. 5 IEC 62052-11
432	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Shock Test	IEC 60068-2-27
433	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Shock Test	IS 9000 (Part-7)
434	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Vibration Test	Cl. No. 5.2.2 of IEC 62052-11
435	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Vibration Test	Cl. No. 5.2.2 of IEC 62052-11



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	144 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
436	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Vibration Test	IEC 60068-2-6
437	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Vibration Test	IEC 60068-2-6
438	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Vibration test	IS 9000
439	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Shock Test	Cl. No. 5.2.2.2 of IEC 62052-11
440	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Shock Test	Cl. No. 5 of IEC 62053-22
441	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Shock Test	Cl. No. 5 of IEC 62053-22
442	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Vibration Test	Cl. No. 5 of IEC 62053-22



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	145 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
443	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Vibration Test	Cl. No. 5 of IEC 62053-22
444	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2	Shock Test	Cl. No. 5 of IEC 62053-21
445	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2	Vibration Test	Cl. No. 5 of IEC 62053-21
446	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2	Vibration Test	Cl. No. 5 of IEC 62053-21
447	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Shock Test	Cl. No. 5 of IEC 62053-21
448	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Shock Test	Cl. No. 5 of IEC 62053-23
449	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Shock Test	Cl. No. 5 of IEC 62053-23



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	146 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
450	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Vibration Test	Cl. No. 5 of IEC 62053-23
451	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Mechanical Items	Random Vibration Test	IEC/EN 60068-2-64: 2008 + A1: 2019, JSS 55555 Test no. 28 : 2012, IEC/EN 61373, MIL-STD-810H:2019 Method: 514.8
452	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Mechanical Items	Shock test	IEC 60068-2-27: 2008, EN 60068-2-27: 2009, IEC 60255-21-2:1988, EN 60255-21-2: 1996, IEC/EN 61373:2010, IS 9000 (Part 7/ Sec 1): 2018, JSS 55555 Test No.24, MIL-STD-810H:2019 Method: 516.8
453	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Mechanical Items	Vibration test	IEC 60068-2-6:2007, EN 60068-2-6: 2008, IEC/EN 61373:2010, IEC 60255-21-1:1988, EN 60255-21-1: 1996, IS 9000(Part 8):1981, JSS 55555 Test no. 28, MIL-STD-810H:2019 Method 514.8
454	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC Three Phase 2 Pole & 4 Pole Induction Motor - 0.37kW to 375kW and 6 pole & 8 Pole - 75kW to 160kW	Test for Noise Levels of Motor	Cl. No. 3.0, 3.0.1 , 3.1.2,3.1.3, 3.1.4, 3.3, 3.3.2, 3.3.3, 3.3.4 & 16.3.2 of IS 12615
455	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC Three Phase 2 Pole & 4 Pole Induction Motor - 0.37kW to 375kW and 6 pole & 8 Pole - 75kW to 160kW	Test for Noise Levels of Motor	Cl. No. 3.0, 3.0.1 , 3.1.2,3.1.3, 3.1.4, 3.3, 3.3.2, 3.3.3, 3.3.4 & 16.3.2 of IS 12615



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	147 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
456	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC Three Phase 2 Pole & 4 Pole Induction Motor - 0.37kW to 375kW and 6 pole & 8 Pole - 75kW to 160kW	Test for Noise Levels of Motor	Cl. No. 3.0, 3.0.1 , 3.1.2,3.1.3, 3.1.4, 3.3, 3.3.2, 3.3.3, 3.3.4 & 16.3.2 of IS 12615
457	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC Three Phase 2 Pole & 4 Pole Induction Motor - 0.37kW to 375kW and 6 pole & 8 Pole - 75kW to 160kW	Test for Noise Levels of Motor	Cl. No. 3.0, 3.0.1 , 3.1.2,3.1.3, 3.1.4, 3.3, 3.3.2, 3.3.3, 3.3.4 & 16.3.2 of IS 12615
458	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC Standalone Solar Powered Agricultural Water Pumps (0.25 hp to 25 hp)	Based on System Performance Diagrams: H-Q Diagrams and Total Water Output	Cl.no. 5.3.3 of IEC 62253
459	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC Standalone Solar Powered Agricultural Water Pumps (0.25 hp to 25 hp)	Based on System Performance Diagrams: Q-P Diagrams and Total Water Output	Cl.no. 5.3.2, 5.3.4 of IEC 62253
460	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC Standalone Solar Powered Agricultural Water Pumps (0.25 hp to 25 hp)	overall efficiency- Design check of PV pumping system in respect to daily water volume	Cl.no. 6.6 of IEC 62253
461	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC Standalone Solar Powered Agricultural Water Pumps (0.25 hp to 25 hp)	Total water output based on G-T system characteristics	Cl.no. 6.3 of IEC 62253
462	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC Standalone Solar Powered Agricultural Water Pumps (0.25 hp to 25 hp)	Total water output based on P-G system characteristics	Cl.no. 6.3 of IEC 62253
463	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered agricultural water pumps (1 HP to 25 HP)	Measurement of rate of flow	Cl. No. 6.3 of MNRE, guidelines on testing procedure for solar photovoltaic water pumping systems, Annexure -B of circular no. F.no. 41/3/2018- SPV division



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	148 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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464	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered agricultural water pumps (1 HP to 25 HP)	Per day water flow test of submersible and surface pumps	Cl. No. 8.1 & 8.2 of MNRE, guidelines on testing procedure for solar photovoltaic water pumping systems, Annexure -B of circular no. F.no. 41/3/2018- SPV division
465	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered agricultural water pumps (1 HP to 25 HP)	Performance requirements (at Hot & Cold Simulation profile and Outdoor condition)	Cl. No. 4 & 4.1 of MNRE Specifications for solar photovoltaic water pumping systems, Annexure -A of circular no. F.no. 41/3/2018 SPV Division
466	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC Standalone Solar Powered Agricultural Water Pumps (1 hp to 25 hp)	TESTS FOR HYDRAULIC AND ELECTRICAL PERFORMANCE OF PUMP SET	Cl. No. 5, 5.1, & 5.2 of MNRE specification for solar photovoltaic water pumping systems, Annexure - A of circular no. F .No. 41/3/2018- SPV division
467	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC Standalone Solar Powered Agricultural Water Pumps (1 hp to 25 hp)	TESTS FOR HYDRAULIC AND ELECTRICAL PERFORMANCE OF PUMP SET	Cl. No. 5, 5.1, & 5.2 of MNRE specification for solar photovoltaic water pumping systems, Annexure - A of circular no. F .No. 41/3/2018- SPV division
468	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC Standalone Solar Powered Agricultural Water Pumps (1 hp to 25 hp)	TESTS FOR HYDRAULIC AND ELECTRICAL PERFORMANCE OF PUMP SET	Cl. No. 5, 5.1, & 5.2 of MNRE specification for solar photovoltaic water pumping systems, Annexure - A of circular no. F .No. 41/3/2018- SPV division



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	149 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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469	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered agricultural water pumps (1 HP to 25 HP)	USE OF OTHER BRAND OF SOLAR MODULES	Cl. No. 13 of MNRE, Guidelines on Testing Procedure for solar photovoltaic water pumping systems, Annexure -B of circular no. F.No. 41/3/2018- SPV division
470	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered agricultural water pumps (1HP to 25 HP)	Constructional Features	Cl. No. 3, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7 & 3.8 of MNRE Specifications for solar photovoltaic water pumping systems, Annexure -A of circular no. F.no. 41/3/2018 SPV Division
471	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered agricultural water pumps (1HP to 25 hp)	Measurement of head	Cl. No. 6.2 of MNRE, guidelines on testing procedure for solar photovoltaic water pumping systems, Annexure -B of circular no. F.no. 41/3/2018- SPV division
472	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered agricultural water pumps (1HP to 25 hp)	Protection test (a) Dry run test (b) Reverse polarity test (c) Open circuit / no-load (d) Output short-circuit (e) Under voltage (f) Surge Protection	Cl. No. 5.0 of MNRE, guidelines on testing procedure for solar photovoltaic water pumping systems, Annexure -B of circular no. F.no. 41/3/2018- SPV division
473	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered agricultural water pumps (1HP to 25 hp)	Remote monitoring system verification	Cl. No. 5.4 of MNRE, guidelines on testing procedure for solar photovoltaic water pumping systems, Annexure -B of circular no. F.no. 41/3/2018- SPV division



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-15149 **Page No** 150 of 187

Validity 20/12/2024 to 19/12/2028 **Last Amended on** -

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
474	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered agricultural water pumps (1HP to 25 hp)	Solar radiation measurement	Cl. No. 6.1 of MNRE, guidelines on testing procedure for solar photovoltaic water pumping systems, Annexure -B of circular no. F.no. 41/3/2018- SPV division
475	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered agricultural water pumps (1HP to 25 hp)	Total water output per day for performance tests (a) hot profile performance test (b) cold profile performance test (c) outdoor performance test	Cl. No. 5.0, 5.1, 5.2, 5.3 & 5.4 of MNRE, guidelines on testing procedure for solar photovoltaic water pumping systems, Annexure -B of circular no. F.no. 41/3/2018- SPV division
476	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered agricultural water pumps (1HP to 25 hp)	Total water output per day for performance tests (a) hot profile performance test (b) cold profile performance test (c) outdoor performance test	Cl. No. 5.0, 5.1, 5.2, 5.3 & 5.4 of MNRE, guidelines on testing procedure for solar photovoltaic water pumping systems, Annexure -B of circular no. F.no. 41/3/2018- SPV division
477	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered agricultural water pumps (1HP to 25 hp)	Total water output per day for performance tests (a) hot profile performance test (b) cold profile performance test (c) outdoor performance test	Cl. No. 5.0, 5.1, 5.2, 5.3 & 5.4 of MNRE, guidelines on testing procedure for solar photovoltaic water pumping systems, Annexure -B of circular no. F.no. 41/3/2018- SPV division
478	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered agricultural water pumps (1HP to 25 hp)	Total water output per day for performance tests (a) hot profile performance test (b) cold profile performance test (c) outdoor performance test	Cl. No. 5.0, 5.1, 5.2, 5.3 & 5.4 of MNRE, guidelines on testing procedure for solar photovoltaic water pumping systems, Annexure -B of circular no. F.no. 41/3/2018- SPV division



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

151 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
479	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC Standalone Solar Powered Agricultural Water Pumps	Protection Test (a) Dry Run Test (b) Reverse Polarity Test (c) Open-circuit / No-load (d) Output Short-circuit	MNRE Test Methods for SPV Water Pumping Systems, (Clause No. VI, F. No. 42/25/2014-15/PVSE: 2014), (Clause No. VI, F. No. 41/06/2015-16-PVSE: 2015) & (Clause No. 3.6.3, F. No. 41/3/2018 - SPV Division)
480	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC Standalone Solar Powered Agricultural Water Pumps	Total Water Output per day for Performance Tests (a) Hot Profile Performance Test (b) Cold Profile Performance Test (c) Outdoor Performance Test	MNRE Test Methods for SPV Water Pumping Systems (Clause No. II, F. No. 42/25/2014-15/PVSE: 2014); (Clause No. II, F. No. 41/06/2015-16-PVSE: 2015) & Annexure A (Clause No. 4, F. No. 41/3/2018 - SPV Division) Dated 22.03.2023
481	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered agricultural water pumps (1 HP to 25 HP)	TESTS FOR HYDRAULIC AND ELECTRICAL PERFORMANCE OF PUMP SET	Cl. No. 5, 5.1, & 5.2 of MNRE specification for solar photovoltaic water pumping systems, Annexure - A of circular no. F.No. 41/3/2018- SPV division
482	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC Standalone Solar Powered Agricultural Water Pumps (1 hp to 25 hp)	Total Water Output per Wattpeak per day for Performance Tests (a) Hot Profile Performance Test (b) Cold Profile Performance Test (c) Outdoor Performance Test	Cl. No. 4 & 4.1 of MNRE specification for solar photovoltaic water pumping systems, Annexure - A of circular no. F.No. 41/3/2018- SPV division
483	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered drinking water pumps (1HP)	Protection test (a) Dry run test (b) Reverse polarity test (c) Open circuit / no-load (d) Output short-circuit	MNRE test methods for SPV water pumping systems



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	152 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
484	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered drinking water pumps (1HP)	Total water output per day for performance tests (a) hot profile performance test (b) cold profile performance test (c) outdoor performance test	MNRE test methods for SPV water pumping systems
485	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered micro water pumps (0.20 hp to 0.50 hp)	Measurement of head	MNRE specification for solar PV water pumping systems for micro pumping application
486	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered micro water pumps (0.20 hp to 0.50 hp)	Measurement of rate of flow	MNRE specification for solar PV water pumping systems for micro pumping application
487	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered micro water pumps (0.20 hp to 0.50 hp)	Per day Water flow test	MNRE specification for solar PV water pumping systems for micro pumping application
488	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered micro water pumps (0.20 hp to 0.50 hp)	Protection test (a) dry run test (b) reverse polarity test (c) open circuit / no-load (d) output short-circuit	MNRE specification for solar PV water pumping systems for micro pumping application
489	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered micro water pumps (0.20 hp to 0.50 hp)	Solar radiation measurement	MNRE specification for solar PV water pumping systems for micro pumping application
490	ELECTRICAL-ROTATING ELECTRICAL MACHINES	AC/DC standalone solar powered micro water pumps (0.20 hp to 0.50 hp)	Total water output per day for performance tests (a) hot profile performance test (b) cold profile performance test (c) outdoor performance test	MNRE specification for solar PV water pumping systems for micro pumping application



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	153 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
491	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Agricultural and Water Supply Pumps	Measurement of Flow Rate	Cl. No. 3.2.1.4.d of IS 11346
492	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Agricultural and Water Supply Pumps	Measurement of Head	Cl. No. 3.2.2 of IS 11346
493	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Agricultural and Water Supply Pumps	Verification of Guarantee with respect to Rate of Flow, Total Head and overall efficiency	Cl. No. 5.2,7,8.1 of IS 11346
494	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Dimensions	Cl No. 7, 16.2.1 of IS 12615
495	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Duty and Rating	Cl No. 11, 15.4.4 of IS 12615
496	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Earthing	Cl No. 8 of IS 12615
497	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Full Load Test / Determine Efficiency	Cl No. 14, 15, 16.2.3 of IS 12615
498	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Full Load Test / Determine Efficiency	Cl No. 14, 15, 16.2.3 of IS 12615
499	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Full Load Test / Determine Efficiency	Cl No. 14, 15, 16.2.3 of IS 12615



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	154 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
500	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Full Load Test / Determine Efficiency	CI No. 14, 15, 16.2.3 of IS 12615
501	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Full Load Test / Determine Efficiency	CI No. 14, 15, 16.2.3 of IS 12615
502	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	High Voltage Test	CI No. 16.1.6 of IS 12615
503	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Insulation Resistance Test	CI No. 16.1.1 of IS 12615
504	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Locked Rotor Test	CI No. 16.1.4, 16.2.2 of IS 12615
505	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Locked Rotor Test	CI No. 16.1.4, 16.2.2 of IS 12615
506	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Locked Rotor Test	CI No. 16.1.4, 16.2.2 of IS 12615
507	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Locked Rotor Test	CI No. 16.1.4, 16.2.2 of IS 12615
508	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Marking Efficiency	CI No. 18.2, 15.2, 15.3 of IS 12615



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	155 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
509	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Marking on Rating Plates	Cl No. 18.1 of IS 12615
510	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Measurement of Stator Resistance	Cl No. 16.1.2 of IS 12615
511	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Momentary Overload Test	Cl No. 12, 16.2.5 of IS 12615
512	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Momentary Overload Test	Cl No. 12, 16.2.5 of IS 12615
513	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Momentary Overload Test	Cl No. 12, 16.2.5 of IS 12615
514	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Momentary Overload Test	Cl No. 12, 16.2.5 of IS 12615
515	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Momentary Overload Test	Cl No. 12, 16.2.5 of IS 12615
516	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	No Load Test	Cl No. 16.1.3 of IS 12615
517	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	No Load Test	Cl No. 16.1.3 of IS 12615



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	156 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
518	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	No Load Test	CI No. 16.1.3 of IS 12615
519	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	No Load Test	CI No. 16.1.3 of IS 12615
520	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Pull Up Torque	CI No. 12.2 of IS 12615
521	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Pull Up Torque	CI No. 12.2 of IS 12615
522	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Pull Up Torque	CI No. 12.2 of IS 12615
523	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Pull Up Torque	CI No. 12.2 of IS 12615
524	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Reduced voltage Running up test	CI No. 16.1.5 of IS 12615
525	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Reduced voltage Running up test	CI No. 16.1.5 of IS 12615
526	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Temperature Rise Test	CI No. 6, 13, 16.2.4 of IS 12615



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	157 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
527	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Temperature Rise Test	CI No. 6, 13, 16.2.4 of IS 12615
528	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Temperature Rise Test	CI No. 6, 13, 16.2.4 of IS 12615
529	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Temperature Rise Test	CI No. 6, 13, 16.2.4 of IS 12615
530	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Temperature Rise Test	CI No. 6, 13, 16.2.4 of IS 12615
531	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Temperature Rise Test	CI No. 6, 13, 16.2.4 of IS 12615
532	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Terminal Marking	CI No. 9 of IS 12615
533	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Type of Enclosures	CI No. 5 of IS 12615
534	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)] 2 & 4 Pole (0.37kW - 250kW)]	Earthing	CI No. 8 of IS 12615
535	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Pull-up torque	CI. No. 9.5 of IS 15999-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	158 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
536	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Pull-up torque	Cl. No. 9.5 of IEC 60034-1
537	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Pull-up torque	Cl. No. 9.5 of IEC 60034-1
538	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Pull-up torque	Cl. No. 9.5 of IS 15999-1
539	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Temperature Rise Test	Cl. No. 8 of IS IEC 60034-1
540	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Temperature Rise Test	Cl. No. 8 of IS IEC 60034-1
541	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Temperature Rise Test	Cl. No. 8 of IS IEC 60034-1
542	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Temperature Rise Test	Cl. No. 8 of IS IEC 60034-1
543	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Temperature Rise Test	Cl. No. 8 of IS IEC 60034-1
544	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Temperature Rise Test	Cl. No. 8 of IS IEC 60034-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	159 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
545	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Temperature Rise Test	Cl. No. 8. of IS 15999-1
546	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Temperature Rise Test	Cl. No. 8. of IS 15999-1
547	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Temperature Rise Test	Cl. No. 8. of IS 15999-1
548	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Temperature Rise Test	Cl. No. 8. of IS 15999-1
549	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Temperature Rise Test	Cl. No. 8. of IS 15999-1
550	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Temperature Rise Test	Cl. No. 8. of IS 15999-1
551	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Duty and Rating	Cl. No. 4.2.1, 5.2.1 of IS 15999-1
552	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Duty and Rating	Cl. No. 4.2.1, 5.2.1 of IEC 60034-1
553	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Earthing	Cl. No. 11.1 of IS 15999-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	160 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
554	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Earthing	Cl. No. 11.1 of IEC 60034-1
555	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IEC 60034-1
556	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IEC 60034-1
557	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IEC 60034-1
558	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IEC 60034-1
559	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IEC 60034-1
560	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IS 15999-1
561	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IS 15999-1
562	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IS 15999-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15149

Page No

161 of 187

Validity

20/12/2024 to 19/12/2028

Last Amended on

-

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
563	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IS 15999-1
564	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IS 15999-1
565	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	High Voltage Test	Cl. No. 9.2 of IEC 60034-1
566	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	High Voltage Test	Cl. No. 9.2 of IS 15999-1
567	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Marking	Cl. No. 10.2 of IEC 60034-1
568	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Marking	Cl. No. 10.2 of IS 15999-1
569	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Measurement of Resistance of Windings of Stator	Cl. No. 8.6 of IEC 60034-1
570	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Measurement of Resistance of Windings of Stator	Cl. No. 8.6 of IS 15999-1
571	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Momentary Over Load Test	Cl. No. 9.4.1 of IEC 60034-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	162 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
572	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Momentary Over Load Test	Cl. No. 9.4.1 of IEC 60034-1
573	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Momentary Over Load Test	Cl. No. 9.4.1 of IEC 60034-1
574	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Momentary Over Load Test	Cl. No. 9.4.1 of IEC 60034-1
575	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Momentary Over Load Test	Cl. No. 9.4.1 of IEC 60034-1
576	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Momentary Over Load Test	Cl. No. 9.4.1 of IS 15999-1
577	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Momentary Over Load Test	Cl. No. 9.4.1 of IS 15999-1
578	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Momentary Over Load Test	Cl. No. 9.4.1 of IS 15999-1
579	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Momentary Over Load Test	Cl. No. 9.4.1 of IS 15999-1
580	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Momentary Over Load Test	Cl. No. 9.4.1 of IS 15999-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	163 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
581	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	No Load Test	Cl. No. 9.1 of IEC 60034-1
582	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	No Load Test	Cl. No. 9.1 of IEC 60034-1
583	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	No Load Test	Cl. No. 9.1 of IEC 60034-1
584	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	No Load Test	Cl. No. 9.1 of IEC 60034-1
585	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	No Load Test	Cl. No. 9.1 of IS 15999-1
586	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	No Load Test	Cl. No. 9.1 of IS 15999-1
587	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	No Load Test	Cl. No. 9.1 of IS 15999-1
588	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	No Load Test	Cl. No. 9.1 of IS 15999-1
589	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Pull-up torque	Cl. No. 9.5 of IEC 60034-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	164 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
590	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Pull-up torque	Cl. No. 9.5 of IEC 60034-1
591	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Pull-up torque	Cl. No. 9.5 of IEC 60034-1
592	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Pull-up torque	Cl. No. 9.5 of IS 15999-1
593	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Pull-up torque	Cl. No. 9.5 of IS 15999-1
594	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Pull-up torque	Cl. No. 9.5 of IS 15999-1
595	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Pull-up torque	Cl. No. 9.5 of IS 15999-1
596	ELECTRICAL-ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE [2 & 4 Pole (0.37kW - 250kW) 6 Pole (0.18kW - 200kW) 8 Pole (0.18kW - 160kW)]	Temperature Rise Test	Cl. No. 8. of IS 15999-1
597	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	Dimensions	Cl no. 17.3 (n) & 7 of IS 996
598	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	Earthing	Cl no. 9.5 IS 996



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	165 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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599	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	Full Load Test / Determine Efficiency	Cl no. 12.5 & 17.3 (d) of IS 996
600	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	Full Load Test / Determine Efficiency	Cl no. 12.5 & 17.3 (d) of IS 996
601	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	High Voltage Test	Cl no. 13.1, 13.2,13.3 & 17.3(h)(j)(k) of IS 996
602	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	Insulation Resistance Test	Cl no. 12.7 & 17.3(g) of IS 996
603	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	Lock rotor Test	Cl No.12.1.1, 17.3 (b) and (c) of IS 996
604	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	Lock rotor Test	Cl No.12.1.1, 17.3 (b) and (c) of IS 996
605	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	Marking	Cl no. 16 of IS 996
606	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	Momentary Overload Test	Cl no. 12.1.2 & 17.3 (f) of IS 996
607	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	Momentary Overload Test	Cl no. 12.1.2 & 17.3 (f) of IS 996



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	166 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
608	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	Momentary Overload Test	Cl no. 12.1.2 & 17.3 (f) of IS 996
609	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	Temperature Rise Test at Rated Voltage	Cl no. 12.2 & 17.3 (e) of IS 996
610	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	Temperature Rise Test at Rated Voltage	Cl no. 12.2 & 17.3 (e) of IS 996
611	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	Temperature Rise Test at Rated Voltage	Cl no. 12.2 & 17.3 (e) of IS 996
612	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	Temperature Rise Test at Rated Voltage	Cl no. 12.2 & 17.3 (e) of IS 996
613	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	Terminal Marking	Cl no. 14.1 of IS 996
614	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	Test for no load current, power input, speed at rated voltage and frequency	Cl no. 12.5 & 17.3 (d) of IS 996
615	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	Test for no load current, power input, speed at rated voltage and frequency	Cl no. 12.5 & 17.3 (d) of IS 996
616	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE [2 POLE (0.37kW - 2.2kW) & 4 Pole (0.37kW - 1.5kW)]	Test for no load current, power input, speed at rated voltage and frequency	Cl no. 12.5 & 17.3 (d) of IS 996



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	167 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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617	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Solar Photo Voltaic Water Pumping Systems	Performance of the SPV Water Pumping Systems (BLDC or PMDC or AC Motors and Submersible Pumps) at different total dynamic heads using Solar PV Array / Sun Simulators, Cold Profile / Hot Profile or outdoor.	Clause No. II, F. No. 42/25/2014-15/PVSE: 2014 Ministry of New and Renewable Energy Jawaharlal Nehru National Solar Mission SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS For Drinking Water Applications (2014-15)
618	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping System	Measurement of Flow Rate	Cl. No. 6.3 of IS 17429
619	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping System	Measurement of Head 6.2.1- Delivery Head 6.2.2-Suction Lift	Cl. No. 6.2 of IS 17429
620	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping System	Performance evaluation of SPV pumping system	IS 17429
621	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping System	Protection Test (a) Dry run test (b) Reverse polarity test (c) Open circuit / no-load (d) Output short-circuit (e) Under voltage (f) Surge Protection	Cl. No. 5.0 of IS 17429
622	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping System	Remote monitoring system verification	Cl. No. 5.4 of IS 17429
623	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping System	Solar radiation measurement	Cl. No. 6.1 of IS 17429



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	168 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
624	ELECTRICAL-ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping System	Total water output per day for performance tests (a) hot profile performance test (b) cold profile performance test (c) outdoor performance test	Cl. No. 5.1, 5.2 & 5.3 of IS 17429
625	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 25hp	Constructional features	IS 17018 (Part 1)
626	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 25hp	Guarantees and Tolerance on Solar photo Voltaic Water Pumping Systems Performance	IS 17018 (Part 1)
627	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 25hp	Marking	IS 17018 (Part 1)
628	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 25hp	Performance - Flow	IS 17018 (Part 1)
629	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 25hp	Performance - HEAD	IS 17018 (Part 1)
630	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 25hp	Performance - Voltage	IS 17018 (Part 1)
631	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 25hp	Performance-Current	IS 17018 (Part 1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	169 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
632	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 25hp	Provision For Earthing	IS 17018 (Part 1)
633	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 25hp	Ratings	IS 17018 (Part 1)
634	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 25hp	Relevant Pump Standards	IS 17018 (Part 1)
635	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 25hp	Tests for Hydraulic and Electrical performance of Pump set	IS 17018 (Part 1)
636	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 25hp	Tests for Hydraulic and Electrical performance of Pump set	IS 17018 (Part 1)
637	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 25hp	Tests for Hydraulic and Electrical performance of Pump set	IS 17018 (Part 1)
638	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 25hp	Tests for Hydraulic and Electrical performance of Pump set	IS 17018 (Part 1)
639	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 25hp	Tests for Hydraulic and Electrical performance of Pump set	IS 17018 (Part 1)
640	ELECTRICAL-ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 25hp	Tests for Hydraulic and Electrical performance of Pump set	IS 17018 (Part 1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	170 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
641	ELECTRONICS- EMC TEST FACILITY	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Fast Transient Burst Test (EFT)	IS 16444 (Part 1) with Amendment 3
642	ELECTRONICS- EMC TEST FACILITY	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Radio Interference Measurement/ Radiated Emission Test (RE)	IS 16444 (Part 1) with Amendment 3
643	ELECTRONICS- EMC TEST FACILITY	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Surge Immunity Test	IS 16444 (Part 1) with Amendment 3
644	ELECTRONICS- EMC TEST FACILITY	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test of Immunity to Electrostatic discharges (ESD)	IS 16444 (Part 1) with Amendment 3
645	ELECTRONICS- EMC TEST FACILITY	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Fast transient burst test (EFT)	IS 16444 (Part 2) with Amendment 1
646	ELECTRONICS- EMC TEST FACILITY	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Radio interference measurement/ Radiated emission test (RE)	IS 16444 (Part 2) with Amendment 1
647	ELECTRONICS- EMC TEST FACILITY	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Surge Immunity Test	IS 16444 (Part 2) with Amendment 1
648	ELECTRONICS- EMC TEST FACILITY	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Test of immunity to electrostatic discharge (ESD)	IS 16444 (Part 2) with Amendment 1
649	ELECTRONICS- EMC TEST FACILITY	CFL, Electronic Ballast & other lighting products	Radiated electromagnetic disturbances	BS EN IEC 55015: 2019+A11
650	ELECTRONICS- EMC TEST FACILITY	CFL, Electronic Ballast & other lighting products	Radiated electromagnetic disturbances	BS EN IEC 55015:2019+A11
651	ELECTRONICS- EMC TEST FACILITY	CFL, Electronic Ballast & other lighting products	Radiated electromagnetic disturbances	CISPR 15
652	ELECTRONICS- EMC TEST FACILITY	CFL, Electronic Ballast & other lighting products	Radiated electromagnetic disturbances	IEC 61000-6-4
653	ELECTRONICS- EMC TEST FACILITY	CFL, Electronic Ballast & other lighting products	Radiated electromagnetic disturbances	IEC 61000-6-4
654	ELECTRONICS- EMC TEST FACILITY	CFL, Electronic Ballast & other lighting products	Radiated electromagnetic disturbances	IS 16102 (Part 2) with Amd.1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	171 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
655	ELECTRONICS- EMC TEST FACILITY	CFL, Electronic Ballast & other lighting products	Radiated electromagnetic disturbances	IS 16102: Part 2 Amd. 1
656	ELECTRONICS- EMC TEST FACILITY	CFL, Electronic Ballast & other lighting products	Radiated electromagnetic disturbances	IS 16103 (Part 2).AMD3
657	ELECTRONICS- EMC TEST FACILITY	CFL, Electronic Ballast & other lighting products	Radiated electromagnetic disturbances	IS 16103 (Part 2).AMD3
658	ELECTRONICS- EMC TEST FACILITY	Contactors and motor-starters - Semiconductor motor controllers, starters and soft-starters	Conducted RF Emission Test (CE)	IEC 60947-4-2
659	ELECTRONICS- EMC TEST FACILITY	Contactors and motor-starters - Semiconductor motor controllers, starters and soft-starters	Immunity to Electric Fast Transient/ Burst Test	IEC 60947-4-2
660	ELECTRONICS- EMC TEST FACILITY	Contactors and motor-starters - Semiconductor motor controllers, starters and soft-starters	Immunity to Electrostatic Discharge Test (ESD)	IEC 60947-4-2
661	ELECTRONICS- EMC TEST FACILITY	Contactors and motor-starters - Semiconductor motor controllers, starters and soft-starters	Radio frequency electromagnetic field immunity test (RS)	IEC 60947-4-2
662	ELECTRONICS- EMC TEST FACILITY	Contactors and motor-starters - Semiconductor motor controllers, starters and soft-starters	Surge Immunity Test	IEC 60947-4-2
663	ELECTRONICS- EMC TEST FACILITY	Electric Vehicle Conductive Charging System - Off-board chargers	Conducted disturbances/ Conducted Emission (CE) Test	IS 17017 (Part 21 Sec 2)
664	ELECTRONICS- EMC TEST FACILITY	Electric Vehicle Conductive Charging System - Off-board chargers	Electric Fast Transient (EFT)/ Burst Immunity Test	IS 17017 (Part 21 Sec 2)
665	ELECTRONICS- EMC TEST FACILITY	Electric Vehicle Conductive Charging System - Off-board Chargers	Electrostatic Discharge (ESD) Immunity Test	IS 17017 (Part 21 Sec 2)
666	ELECTRONICS- EMC TEST FACILITY	Electric Vehicle Conductive Charging System - Off-board chargers	Immunity to conducted disturbances induced by RF Fields/ Conducted RF field	IS 17017 (Part 21 Sec 2)
667	ELECTRONICS- EMC TEST FACILITY	Electric Vehicle Conductive Charging System - Off-board chargers	Magnetic Fields/ Power Frequency Magnetic Field Immunity Test	IS 17017 (Part 21 Sec 2)
668	ELECTRONICS- EMC TEST FACILITY	Electric Vehicle Conductive Charging System - Off-board chargers	Radiated disturbances/ Radiated Emission (RE) Test	IS 17017 (Part 21 Sec 2)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-15149 **Page No** 172 of 187

Validity 20/12/2024 to 19/12/2028 **Last Amended on** -

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
669	ELECTRONICS- EMC TEST FACILITY	Electric Vehicle Conductive Charging System - Off-board chargers	Surge Immunity Test/ Voltage Surges	IS 17017 (Part 21 Sec 2)
670	ELECTRONICS- EMC TEST FACILITY	Electric Vehicle Conductive Charging System - Off-board chargers	Voltage Dips & Interruptions/ Voltage dips, short interruption & voltage variations Immunity Test	IS 17017 (Part 21 Sec 2)
671	ELECTRONICS- EMC TEST FACILITY	Electric Vehicle Conductive Charging Systems - A.C. charge point for light electric vehicle	Conducted Rf fields/ Immunity to conducted disturbances induced by RF fields (CS)	IS 17017 (Part 22 Sec 1)
672	ELECTRONICS- EMC TEST FACILITY	Electric Vehicle Conductive Charging Systems - A.C. charge point for light electric vehicle	Electrostatic Discharge Immunity (ESD) Test	IS 17017 (Part 22 Sec 1)
673	ELECTRONICS- EMC TEST FACILITY	Electric Vehicle Conductive Charging Systems - A.C. charge point for light electric vehicle	Radio frequency emissions/ Radiated Emission Test (RE)	IS 17017 (Part 22 Sec 1)
674	ELECTRONICS- EMC TEST FACILITY	Electric Vehicle Conductive Charging Systems - A.C. charge point for light electric vehicle	Voltage dips & Interrupts/ Voltage dips & short interruptions test	IS 17017 (Part 22 Sec 1)
675	ELECTRONICS- EMC TEST FACILITY	Electrical Electronic products	Immunity to voltage dips & interruptions	IEC 61000-6-2
676	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Products	Mains terminal disturbance test	CISPR 11
677	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Products	Mains terminal disturbance test	CISPR 11
678	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Products	Power frequency Field Immunity Test	IEC 61000-6-2
679	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Products	Power Frequency Magnetic Field Immunity test	IEC 61000-6-2
680	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Products	power frequency magnetic field Immunity test	IEC 61326-2-6
681	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Products	Voltage Dips & Interruptions Test	IEC 61326-2-6



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	173 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
682	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronics Products	Ring wave Immunity test	IEC 61000-4-12
683	ELECTRONICS- EMC TEST FACILITY	Electrical /Electronic Products	voltage dips & Interruptions test	IEC 61000-6-1
684	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Impulse magnetic field immunity test	IEC 61000-4-9
685	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Power Frequency Magnetic Field Immunity test	BS EN 50121-5:2017+A1
686	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Power Frequency Magnetic Field Immunity test	IEC 61000-4-8
687	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Power Frequency Magnetic Field Immunity test	IEC 61000-6-1
688	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Power Frequency Magnetic Field Immunity test	IEC 62040-2
689	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Power Frequency Magnetic Field Immunity test	IEC61547
690	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Immunity to conducted disturbances induced by RF fields	IEC 61326-2-6
691	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Radiated Emission	CISPR 11
692	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Radiated Emission	CISPR 32: 2015+AMD1
693	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Radiated Emission	CISPR 32:2015+AMD1
694	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Radiated Emission	IEC 61000-6-3
695	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	BS EN 50121-5:2017+A1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	174 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
696	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	BS EN 50121-5+A1
697	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 61543
698	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	BS EN 61800-3
699	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 61326-2-6
700	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 61543
701	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 62040-2
702	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 62053-22
703	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 62053-22
704	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 13779
705	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 15111-2 amd. 8



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	175 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
706	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 15111-2+AMD.8
707	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 16102 : Part 2 Amendment 1
708	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS14614
709	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS14614
710	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS16102 (Part 2) Amendment 1
711	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	BS EN IEC 55015:2019+A11
712	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	BS EN IEC 55015:2019+A11
713	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	CISPR 15:AMD1
714	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	CISPR14-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	176 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
715	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	CISPR14-1
716	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 61000-6-3
717	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 61000-6-4
718	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 62052-11
719	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 62053-21
720	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 14697 :AMD1
721	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 14697 :AMD1
722	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 14697 Amendment 1
723	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 14697 Amendment 1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	177 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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724	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 16103-2 + AMD.3
725	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 16103-2 + AMD.3
726	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS16102 (Part 2) + Amendment 1
727	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS16102 (Part 2) amd. 1
728	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS16102 (Part 2) amd. 1
729	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS16102 (Part 2) Amendment 1
730	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS16103 (Part 2) Amendment 3
731	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS16103 (Part 2) Amendment 3
732	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 15111-2 amd. 6



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	178 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
733	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 15111-2+AMD.8
734	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	CISPR 11
735	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	CISPR 14-1
736	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	CISPR 14-1
737	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	CISPR 15
738	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	CISPR 32:2015+AMD1
739	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 61000-6-4
740	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 13779
741	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 14697 :AMD1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	179 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
742	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 14697+AMD1
743	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 6873 (Part 2/Sec 1)
744	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 6873 (Part 3)
745	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 6873 (Part 5)
746	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 6873 (Part 5)
747	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 61000-6-4
748	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 61000-6-4
749	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	BS EN 61000-4-1
750	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 60335-1
751	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 60439-1
752	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 60571



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-15149 **Page No** 180 of 187

Validity 20/12/2024 to 19/12/2028 **Last Amended on** -

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
753	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 61000-4-4
754	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 61000-4-4
755	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 61000-6-1
756	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 61000-6-2
757	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 61326-2-6
758	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 61543
759	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 61547
760	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 62040-2
761	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 62052-11
762	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 62053-21
763	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 62053-23
764	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC TR 61000-4-1
765	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test.	IS 14697 Amd.1
766	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test.	IS 13779
767	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 62052-11
768	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 60571



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	181 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
769	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 61000-4-2
770	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 61000-4-2
771	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 61000-6-1
772	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 61000-6-2
773	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 61326-2-6
774	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 61547
775	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 62040-2
776	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 62053-21
777	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 62053-22
778	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IS 13779
779	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IS15884
780	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test.	IS 14697 with Amd.1
781	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	BS EN 50121-5:2017+A1
782	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 60255-26
783	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 61850-3



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	182 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
784	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 61850-3:
785	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 62040-2
786	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 60335-1
787	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 60571
788	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 60571:
789	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 61000-4-6
790	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 61000-6-1
791	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 61000-6-2
792	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 61326-2-1
793	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 61543
794	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 61547
795	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 61547:



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	183 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
796	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 62053-22
797	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC62053-21
798	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 62052-11
799	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	CISPR 11
800	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	CISPR 14-1
801	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	CISPR 32:2015+AMD1
802	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	CISPR 32+AMD1
803	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IEC 62040-2
804	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IEC 61000-6-3
805	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IEC 61000-6-4
806	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IEC 61543
807	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IEC 61543
808	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IEC 62052-11
809	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IEC 62053-21
810	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IEC 62053-22



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	184 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
811	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IS 6873 (Part 2/Sec 1)
812	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61000-4-3
813	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61000-4-3
814	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61000-6-1
815	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61000-6-2
816	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61326-2-6
817	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61543
818	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61547
819	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62040-2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	185 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
820	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62053-21
821	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62053-22
822	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 60335-1
823	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 61000-4-5: 2014+A1
824	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 61000-4-5:2014+A1
825	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 61000-6-1
826	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 61000-6-2
827	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 61000-6-2
828	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 61547:
829	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 62040-2
830	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 62052-11:
831	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 62053-22
832	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IS 13779
833	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IS 14697 with Amd.1
834	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 61000-6-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA	Page No	186 of 187
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-15149		
Validity	20/12/2024 to 19/12/2028		

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
835	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 61326-2-6
836	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 62053-21
837	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Voltage Dips & Interruptions	IEC 61000-4-11
838	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Voltage Dips & Interruptions	IEC 60255-26
839	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Voltage Dips & Interruptions	IEC 60255-26 :
840	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Voltage Dips & Interruptions	IEC 61000-4-11
841	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Voltage Dips & Interruptions	IEC 62052-11
842	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Voltage Dips & Interruptions	IEC 61547
843	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Voltage Dips & Interruptions	IEC 62040-2
844	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Voltage Dips & Interruptions	IEC 62053-21
845	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Voltage Dips & Interruptions	IEC 62053-22
846	ELECTRONICS- EMC TEST FACILITY	Electrical/Electronic Products	voltage dips & Interruptions Test	IEC 61000-6-2
847	ELECTRONICS- EMC TEST FACILITY	Off board electric vehicle charging systems	Conducted RF Fields/ Conducted susceptibility test	IEC 61851-21-2
848	ELECTRONICS- EMC TEST FACILITY	Off board electric vehicle charging systems	Electrical fast transients/ bursts immunity test	IEC 61851-21-2
849	ELECTRONICS- EMC TEST FACILITY	Off board electric vehicle charging systems	Electrostatic discharge immunity test	IEC 61851-21-2
850	ELECTRONICS- EMC TEST FACILITY	Off board electric vehicle charging systems	Harmonics Current Measurements	IEC 61851-21-2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ELECTRONICS AND QUALITY DEVELOPMENT CENTRE (EQDC), B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15149	Page No	187 of 187
Validity	20/12/2024 to 19/12/2028	Last Amended on	-

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
851	ELECTRONICS- EMC TEST FACILITY	Off board electric vehicle charging systems	Magnetic fields/ Power frequency magnetic fields immunity test	IEC 61851-21-2
852	ELECTRONICS- EMC TEST FACILITY	Off board electric vehicle charging systems	Radiated RF Fields/ Radiated Immunity Test	IEC 61851-21-2
853	ELECTRONICS- EMC TEST FACILITY	Off board electric vehicle charging systems	Voltage dips and interruptions	IEC 61851-21-2
854	ELECTRONICS- EMC TEST FACILITY	Off board electric vehicle charging systems	Voltage fluctuation & Flicker Test	IEC 61851-21-2
855	ELECTRONICS- EMC TEST FACILITY	Off board electric vehicle charging systems	Voltage Surges/ Surge Immunity Test	IEC 61851-21-2
856	ELECTRONICS- EMC TEST FACILITY	Static Energy Meter	Disturbance power measurement	CISPR 14-1
857	ELECTRONICS- EMC TEST FACILITY	Static Energy Meter	Disturbance power measurement	IS 13779
858	ELECTRONICS- EMC TEST FACILITY	Static Energy Meter	Disturbance power measurement	IS 14697 with Amendment 1