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-6695 **Page No** 1 of 86

Validity 29/05/2022 to 28/05/2024 **Last Amended on** 29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
LOCATION 1-B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA Permanent Facility				
1	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	Annealing test (for copper)	IS 7098 (Part 1)
2	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	Conductor resistance test	IS 7098 (Part 1)
3	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	Core identification	IS 7098 (Part 1)
4	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	Flammability test	IS 7098 (Part 1)
5	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	High Voltage Test (at Room Temperature)	IS 7098 (Part 1)
6	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	Identification	IS 7098 (Part 1)
7	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	Insulation Resistance Test	IS 7098 (Part 1)
8	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)
9	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	Tensile Strength (for aluminium)	IS 7098 (Part 1)
10	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)
11	ELECTRICAL- CABLES & WIRES	Cross-linked polyethylene (XLPE) insulated and PVC sheathed cables	Wrapping test (for aluminium)	IS 7098 (Part 1)
12	ELECTRICAL- CABLES & WIRES	Elastomer Cables for use in mines	Armour resistance test (for mining wire)	IS 1554 (Part 1)
13	ELECTRICAL- CABLES & WIRES	Electric Cables	Annealing Test (for wires used as conductors)	IS 10810 (Part 1)
14	ELECTRICAL- CABLES & WIRES	Electric Cables	Conductor resistance test (for copper and aluminium conductors)	IS 10810 (Part 5)
15	ELECTRICAL- CABLES & WIRES	Electric Cables	Flammability Test	IS 10810 (Part 53)
16	ELECTRICAL- CABLES & WIRES	Electric Cables	High Voltage Test	IS 10810 (Part 45)

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-6695	**Page No**	2 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
17	ELECTRICAL- CABLES & WIRES	Electric Cables	Insulation resistance test	IS 10810 (Part 43)
18	ELECTRICAL- CABLES & WIRES	Electric Cables	Tensile strength and elongation at break of thermoplastic and elastomeric insulation and sheath	IS 10810 (Part 7)
19	ELECTRICAL- CABLES & WIRES	Electric Cables	Tensile Test (For Aluminum Wires)	IS 10810 (Part 2)
20	ELECTRICAL- CABLES & WIRES	Electric Cables	Thickness of Thermoplastic and Elastomeric Insulation & Sheath	IS 10810 (Part 6)
21	ELECTRICAL- CABLES & WIRES	Electric Cables	Wrapping Test (for Aluminum wires)	IS 10810 (Part 3)
22	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) Cables	Annealing test (for copper)	IS 17048
23	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) Cables	High Voltage Test (at Room Temperature)	IS 17048
24	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) Cables	Identification	IS 17048
25	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) Cables	Insulation Resistance Test	IS 17048
26	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) Cables	Tensile strength and elongation at break of insulation and sheath	IS 17048
27	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) Cables	Tensile Test (for Aluminium)	IS 17048
28	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
29	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) Cables	Test on Conductor: Conductor Resistance Test	IS 10810 (Part 5)
30	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) Cables	Wrapping Test (for aluminium)	IS 17048
31	ELECTRICAL- CABLES & WIRES	LT PVC Insulated Cables for working voltage up to & including 1100V	Annealing Test (For Copper)	IS 8130
32	ELECTRICAL- CABLES & WIRES	LT PVC Insulated Cables for working voltage up to & including 1100V	Conductor resistance test	IS 8130
33	ELECTRICAL- CABLES & WIRES	LT PVC Insulated Cables for working voltage up to & including 1100V	Insulation resistance test	IS 5831

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-6695	**Page No**	3 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
34	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
35	ELECTRICAL- CABLES & WIRES	LT PVC Insulated Cables for working voltage up to & including 1100V	Tensile Test (For Aluminum)	IS 8130
36	ELECTRICAL- CABLES & WIRES	LT PVC Insulated Cables for working voltage up to & including 1100V	Wrapping Test (For Aluminum)	IS 8130
37	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
38	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)
39	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
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	Conductor resistance test	IS 1554 (Part 1)

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-6695	**Page No**	4 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
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	Core Identification	IS 1554 (Part 1)
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	Core Identification	IS 694
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	Durability and Legibility of Marking	IS 694
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	Flammability test	IS 1554 (Part 1)
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	Flammability Test	IS 694

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-6695	**Page No**	5 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
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	High Voltage Test (at Room Temperature)	IS 1554 (Part 1)
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	High Voltage Test (at Room Temperature)	IS 2465
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	High Voltage Test (at Room Temperature)	IS 692
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	Identification	IS 14255
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	Identification	IS 14494

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-6695	**Page No**	6 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
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 1554 (Part 1)
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 2465
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 694
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	Insulation Resistance Test	IS 14255
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	Insulation Resistance Test	IS 14494

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-6695	**Page No**	7 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
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 1554 (Part 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 4289 (Part 1)
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 4289 (Part 2)
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 694
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	Outer Sheath	IS 1554 (Part 1)

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-6695	**Page No**	8 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
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	Ovality	IS 694
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	Physical tests on insulation & sheath: Thickness of insulation and sheath/ Overall Dimensions	IS 1554 (Part 1)
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	Physical tests on insulation & sheath: Thickness of insulation and sheath/ Overall Dimensions	IS 14255
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 14494
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 692

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-6695	**Page No**	9 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
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 694
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	Sheath	IS 694
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	Tensile strength and elongation at break of insulation and sheath	IS 1554 (Part 1)
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 694
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 test (for aluminium)	IS 1554 (Part 1)

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-6695	**Page No**	10 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
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 694
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	Wrapping Test (for aluminium)	IS 1554 (Part 1)
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 694
74	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
75	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
76	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium Alloy Stranded Conductor	Nominal Sizes - Measurement of Diameters	IS 398 (Part 4)
77	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium Alloy Stranded Conductors	Breaking Load Test	IS 398 (Part 4)
78	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium Alloy Stranded Conductors	Direction of Lay	IS 398 (Part 4)
79	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium Alloy Stranded Conductors	Freedom from Defects	IS 394 (Part 4)
80	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium Alloy Stranded Conductors	Lay Ratio	IS 398 (Part 4)

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-6695 **Page No** 11 of 86

Validity 29/05/2022 to 28/05/2024 **Last Amended on** 29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
81	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Alloy Stranded Conductors	Resistance Test	IS 398 (Part 4)
82	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Aluminized Steel Reinforced	Elongation Test	IS 398 (Part 3)
83	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Aluminized Steel Reinforced	Freedom From Defects	IS 398 (Part 3)
84	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Aluminized-Steel Reinforced	Breaking Load Test	IS 398 (Part 3)
85	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Aluminized-Steel Reinforced	Direction of Lay	IS 398 (Part 3)
86	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Aluminized-Steel Reinforced	Lay Ratio	IS 398 (Part 3)
87	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Aluminized-Steel Reinforced	Nominal Sizes/ Measurement of Diameters	IS 398 (Part 3)
88	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Aluminized-Steel Reinforced	Resistance Test	IS 398 (Part 3)
89	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Galvanized Steel Reinforced	Direction of Lay	IS 398 (Part 2)
90	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Galvanized Steel Reinforced	Elongation Test	IS 398 (Part 2)
91	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Galvanized Steel Reinforced	Freedom From Defects	IS 398 (Part 2)
92	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Galvanized Steel Reinforced	Lay Ratio	IS 398 (Part 2)
93	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Galvanized Steel Reinforced	Resistance Test	IS 398 (Part 2)
94	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductors, Galvanized Steel Reinforced	Wrapping Test	IS 398 (Part 2)

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-6695 **Page No** 12 of 86

Validity 29/05/2022 to 28/05/2024 **Last Amended on** 29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
95	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Stranded Conductors	Direction of Lay	IS 398 (Part 1)
96	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Stranded Conductors	Lay Ratio	IS 398 (Part 1)
97	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Stranded Conductors	Nominal Sizes - Measurement of Diameters	IS 398 (Part 1)
98	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Alloy Stranded Conductors	Elongation Test	IS 398 (Part 4)
99	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors, Galvanized Steel Reinforced	Breaking load test	IS 398 (Part 2)
100	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductors, Galvanized Steel Reinforced	Nominal Sizes - Measurement of Diameters	IS 398 (Part 2)
101	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Stranded Conductors	Breaking load test	IS 398 (Part 1)
102	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Stranded Conductors	Resistance Test	IS 398 (Part 1)
103	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Stranded Conductors	Wrapping Test	IS 398 (Part 1)
104	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Conductors	Conductor Resistance Test	IS 10810 (Part 5)
105	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)
106	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters	Protection against Penetration of Dust & Water	Cl. No. 5.2.5 of IS 15884
107	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters	Resistance to Heat and Fire	Cl. No. 5.2.4 of IS 15884

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-6695
Page No	13 of 86
Validity	29/05/2022 to 28/05/2024
Last Amended on	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
108	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters	Shock Test	IS 9000 Part-7 Sec 1-5
109	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters	Spring/ Impact Hammer Test	IEC 60068-2-75
110	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
111	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Ambient Temperature Influence	Cl No. 12.12 of IS 13779
112	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Cold Test	Cl. 12.6.2 of IS 13779
113	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
114	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
115	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
116	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

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-6695	**Page No**	14 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
117	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
118	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
119	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
120	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Meter Constant	Cl. No.12.15 of IS 13779
121	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
122	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
123	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
124	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Repeatability of Error	Cl No. 12.17 of IS 13779
125	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
126	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Resistance to Heat and Fire	IS 11000 (Part 1 & 2)
127	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Shock Test	Cl. No. 12.3.1 of IS 13779

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-6695	**Page No**	15 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
128	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Shock Test	Cl. No. 12.3.1 of IS 13779
129	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
130	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
131	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
132	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
133	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
134	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
135	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

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-6695	**Page No**	16 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
136	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
137	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
138	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Vibration Test	Cl No. 12.3.2 of IS 13779
139	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Shock Test	IS 16444
140	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)
141	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)
142	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)
143	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)

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-6695	**Page No**	17 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
144	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)
145	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)
146	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)
147	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)
148	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)
149	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)
150	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)
151	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)
152	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)

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-6695	**Page No**	18 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
153	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)
154	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)
155	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)
156	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)
157	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)
158	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)
159	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)
160	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)
161	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)
162	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)

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-6695	**Page No**	19 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
163	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.)
164	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)
165	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)
166	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)
167	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)
168	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)
169	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)
170	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)
171	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)

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-6695	**Page No**	20 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
172	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)
173	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)
174	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)
175	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)
176	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)
177	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)
178	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)
179	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)
180	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)
181	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)

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-6695	**Page No**	21 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
182	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)
183	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)
184	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)
185	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)
186	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)
187	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)
188	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)
189	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)
190	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)
191	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)

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-6695	**Page No**	22 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
192	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)
193	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)
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 Protection Against Penetration of Dust and Water	IS 16444 (Part 2)+Amd 1 (Clause No. 6.5)
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	Tests of Effect of Voltage Dips and Short Interruptions	IS 16444 (Part 2) (Clause No. 6.10.2)
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	Vibration test	IS 16444 (Part 2)+Amd 1 (Clause No. 6.5)
197	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
198	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
199	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

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-6695	**Page No**	23 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
200	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
201	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
202	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
203	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
204	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
205	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
206	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
207	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 Adustments	Cl. No.12.15 of IS14697
208	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

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-6695	**Page No**	24 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
209	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
210	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
211	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
212	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
213	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
214	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
215	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
216	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
217	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
218	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
219	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

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-6695 **Page No** 25 of 86

Validity 29/05/2022 to 28/05/2024 **Last Amended on** 29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
220	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
221	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
222	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 ±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
223	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
224	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
225	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
226	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	Damp Heat Test	A.2.4 of NMI M 6-1
227	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	Dry Heat Test	A.2.1 of NMI M 6-1

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-6695
Page No	26 of 86
Validity	29/05/2022 to 28/05/2024
Last Amended on	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
228	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	Test on Limits of Errors / Accuracy Requirement	Cl. No. 4.8 of NMI M 6-1 , 6-2
229	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	Vibration Test	Cl. No. A 2.7 of NMI M 6-1
230	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	ac High Voltage Test	A.2.20 of NMI M 6-1
231	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	Ambient Temperature Variation (Influence)	Cl No. 5.3 of NMI M 6-1
232	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	Cold Test	A.2.2 of NMI M 6-1
233	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	Impulse Voltage withstand Test	A.2.19 of NMI M 6-1
234	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	Marking of Meters (Name Plate, Connection, Diagrams and Terminal Marking)	Cl. No. of NMI M 6-1
235	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	Mechanical Vibration Test	Cl. No. A 2.8 of NMI M 6-1
236	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	Protection against Penetration of Dust & Water	Cl. No. A 2.6 of NMI M 6-1
237	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	Shock Test	Cl. No. A 2.8 of NMI M 6-1
238	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	Spring/ Impact Hammer Test	Cl. No. of NMI M 6-1

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-6695	**Page No**	27 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
239	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	Starting and No Load Condition / Running with no load	Cl. No. 5.7 of NMI M 6-1
240	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	Test of Influence of Short-time Over current	Cl. No. A2.16 of NMI M 6-1
241	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	Test of Influence of Supply Voltage/ Test of Effect of Voltage Dips and Short Interruptions	Cl. No. A2.14 of NMI M 6-1
242	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	Test of influence Quantities (influence factor and disturbance) (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	Cl No. 5 of NMI 6-1
243	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	Test of Starting Condition, Initial start up of meters	Cl. No. 5.7 of NMI M 6-1, 6-2
244	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	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 NMI M 6-1

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-6695	**Page No**	28 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
245	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
246	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
247	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
248	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
249	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
250	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
251	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
252	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
253	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
254	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
255	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

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-6695	**Page No**	29 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
256	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
257	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
258	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
259	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
260	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
261	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
262	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
263	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
264	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

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-6695	**Page No**	30 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
265	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
266	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
267	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
268	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
269	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
270	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

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-6695	**Page No**	31 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
271	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Fast load current variations	9.4.12 of IEC 62052-11:2020
272	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Protection against Penetration of Dust & Water	IS/IEC 60529
273	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Ambient Temperature Influence	Cl. No. 9.4.4 of IEC 62052-11
274	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Cold Test	Cl. No. 8.3.4 of IEC 62052-11
275	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Cold Test	IEC 60068-2-1
276	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Damp Heat cyclic Test	Cl. No. 8.3.5 of IEC 62052-11
277	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
278	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Meter Constant	Cl. 7.4 IEC 62052-11

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-6695	**Page No**	32 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
279	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
280	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)
281	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Damp Heat Test	IEC 60068-2-30
282	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Damp Heat Test	IS 9000 part V
283	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Dry Heat Test	Cl. No. 8.3.3 of IEC 62052-11
284	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Dry Heat Test	IEC 60068-2-2
285	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Dry Heat Test	IS 9000 Part 3 Sec 1 to 5
286	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

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-6695	**Page No**	33 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
287	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
288	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Interpretation Of Test Results and adjustments	IEC 62052-11
289	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
290	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
291	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Power Consumption / Power Loss	Cl. No. 4.4 of IEC 65053-21
292	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
293	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Resistance to Heat and Fire	Cl. No. 5.8 of IEC 62052-11
294	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Resistance to Heat and Fire	IEC 60695-2-10
295	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Shock Test	Cl. No. 5 IEC 62052-11
296	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Shock Test	IEC 60068-2-27
297	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Shock Test	IEC 60068-2-27

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-6695	**Page No**	34 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
298	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Shock Test	IEC 60068-2-27
299	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Shock Test	IS 9000 (Part-7)
300	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Shock Test	Cl. No. 5.2.1 of IEC 62052-11
301	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
302	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)
303	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Vibration Test	Cl. No. 5.2.2 of IEC 62052-11
304	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Vibration Test	IEC 60068-2-6
305	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Vibration test	IS 9000
306	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy	Fast load current variations	9.4.12 of IEC 62053-22:2020
307	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy	Fast load current variations	9.4.12 of IEC 62053-23:2020
308	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

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-6695	**Page No**	35 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
309	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 ,
310	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
311	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
312	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
313	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
314	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
315	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
316	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

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-6695	**Page No**	36 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
317	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
318	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
319	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
320	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
321	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
322	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
323	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
324	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
325	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

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-6695	**Page No**	37 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
326	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
327	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
328	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
329	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Test of Influence of Self Heating	Cl. No.(Cl. 7.10 & Table 4)
330	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
331	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
332	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
333	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
334	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)
335	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
336	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

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-6695	**Page No**	38 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
337	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
338	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
339	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
340	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
341	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
342	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
343	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
344	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
345	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

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-6695	**Page No**	39 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
346	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
347	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
348	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
349	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
350	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
351	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)
352	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)
353	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

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-6695 **Page No** 40 of 86

Validity 29/05/2022 to 28/05/2024 **Last Amended on** 29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
354	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)
355	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Cold Test	Cl No. 8 of IEC 62053-22
356	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Cold Test	Cl. 6 of IEC 62053-23
357	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Damp Heat Test	Cl. No. 8 of IEC 62053-23
358	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
359	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
360	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
361	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Meter Constant	Cl. No. 7.4 of IEC 62053-23
362	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

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-6695
Page No	41 of 86
Validity	29/05/2022 to 28/05/2024
Last Amended on	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
363	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
364	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Shock Test	Cl. No. 5 of IEC 62053-23
365	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Shock Test	Cl. No. 5 of IEC 62053-23
366	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
367	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
368	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)
369	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
370	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
371	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

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-6695
Page No	42 of 86
Validity	29/05/2022 to 28/05/2024
Last Amended on	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
372	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
373	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Vibration Test	Cl. No. 5 of IEC 62053-23
374	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
375	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))	IS 9000 Part XIV sec 1 to 3
376	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
377	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
378	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
379	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
380	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

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-6695 **Page No** 43 of 86

Validity 29/05/2022 to 28/05/2024 **Last Amended on** 29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
381	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
382	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
383	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
384	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
385	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
386	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
387	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
388	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Composite Temperature and Humidity Test	IEC 60068-2-38
389	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Composite Temperature and Humidity Test	IS 9000 PART VI
390	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
391	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
392	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

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-6695	**Page No**	44 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
393	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
394	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
395	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
396	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
397	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
398	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
399	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
400	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
401	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
402	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
403	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

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-6695 **Page No** 45 of 86

Validity 29/05/2022 to 28/05/2024 **Last Amended on** 29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
404	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
405	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
406	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
407	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
408	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
409	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
410	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
411	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
412	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
413	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Salt Spray (Corrosion) / Sal Mist Test (Chamber Size: 1700 X 600 X 500 mm)	ASTM B117
414	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

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-6695 **Page No** 46 of 86

Validity 29/05/2022 to 28/05/2024 **Last Amended on** 29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
415	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
416	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
417	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Salt Spray (Corrosion) / Sal Mist Test (Chamber Size: 1700 X 600 X 500 mm)	IEC 60571
418	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
419	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics Products	Salt Spray (Corrosion) / Sal Mist Test (Chamber Size: 1700 X 600 X 500 mm)	IS 9844
420	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
421	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
422	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
423	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Balancing of Rotor	Cl.No. : 5.6 of IS 9283
424	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
425	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
426	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
427	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
428	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
429	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Earthing	Cl.No. : 5.2 of IS 9283

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-6695	**Page No**	47 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
430	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
431	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
432	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
433	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
434	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
435	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
436	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
437	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
438	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
439	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
440	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
441	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
442	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
443	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
444	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Marking	Cl.No. : 15.1 of IS 9283
445	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

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-6695 **Page No** 48 of 86

Validity 29/05/2022 to 28/05/2024 **Last Amended on** 29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
446	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
447	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
448	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
449	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
450	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
451	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
452	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
453	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
454	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
455	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
456	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
457	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
458	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
459	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
460	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

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-6695 **Page No** 49 of 86

Validity 29/05/2022 to 28/05/2024 **Last Amended on** 29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
461	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Submersible Cable	Cl.No. : 5.1.2 of IS 9283
462	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
463	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
464	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
465	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
466	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
467	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
468	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
469	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
470	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Terminal Marking	Cl.No. : 13 of IS 9283
471	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motor for Submersible Pumpsets - 0.37 kW to 45 kW	Type of Duty	Cl.No. : 8 of IS 9283
472	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Balancing of Rotor/Impeller	Cl.No. : 10.5 of IS 14220
473	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
474	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
475	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
476	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
477	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
478	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

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-6695 **Page No** 50 of 86

Validity 29/05/2022 to 28/05/2024 **Last Amended on** 29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
479	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
480	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
481	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Earthing	Cl.No. : 10.6 of IS 14220
482	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
483	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
484	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
485	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Hydrostatic Pressure Test	Cl. No.: 15.5 of IS 14220
486	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
487	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
488	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
489	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
490	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
491	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
492	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
493	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
494	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

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-6695	**Page No**	51 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
495	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
496	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
497	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
498	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
499	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
500	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
501	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
502	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
503	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Submersible Cable	Cl.No. : 12.1.2 of IS 14220
504	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
505	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
506	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
507	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
508	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
509	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
510	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
511	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

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-6695 **Page No** 52 of 86

Validity 29/05/2022 to 28/05/2024 **Last Amended on** 29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
512	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets - 0.37 kW to 45 kW	Terminal Marking	Cl.No. : 10.7.1 of IS 14220
513	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
514	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
515	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
516	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
517	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

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-6695	**Page No**	53 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
518	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
519	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
520	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Breakaway (Starting) Torque	Cl. No.: 9.10 g) of IS 8034
521	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Breakaway (Starting) Torque	Cl. No.: 9.10 g) of IS 8034
522	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Breakaway (Starting) Torque	Cl. No.: 9.10 g) of IS 8034
523	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Breakaway (Starting) Torque	Cl. No.: 9.10 g) of IS 8034
524	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Breakaway (Starting) Torque	Cl. No.: 9.10 g) of IS 8034
525	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
526	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
527	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Balancing of Rotor/Impeller	Cl.No. : 8.5 of IS 8034
528	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
529	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
530	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Direction of Rotation	Cl. No.: 8.7 of IS 8034
531	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Earthing	Cl.No. : 8.9.4 of IS 8034

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-6695	**Page No**	54 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
532	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
533	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
534	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	High Voltage Test	Cl. No.: 9.10 b) of IS 8034
535	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Hydrostatic Pressure Test	Cl. No.: 10.3 of IS 8034
536	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Insulation Resistance Test	Cl. No.: 9.10 a) of IS 8034
537	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
538	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
539	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
540	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
541	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
542	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Measurement of Stator Resistance	Cl.No. : 9.10 c) of IS 8034
543	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Measurement of Stator Resistance	Cl.No. : 9.10 c) of IS 8034
544	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Momentary Over-load Test	Cl.No. : 9.10 m) of IS 8034
545	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
546	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

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-6695	**Page No**	55 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
547	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
548	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
549	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
550	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
551	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Submersible Cable	Cl.No. : 8.6.2 of IS 8034
552	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
553	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
554	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
555	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
556	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
557	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
558	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
559	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
560	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37 kW to 45 kW	Terminal Marking	Cl.No. : 8.8 of IS 8034
561	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

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-6695 **Page No** 56 of 86

Validity 29/05/2022 to 28/05/2024 **Last Amended on** 29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
562	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
563	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
564	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
565	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
566	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
567	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
568	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
569	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

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-6695	**Page No**	57 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
570	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible Pumpsets - 0.37kW to 45kW	Marking	Cl.No. : 14, 14.1 of IS 8034

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-6695	**Page No**	58 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
LOCATION 1-B-177/178, G.I.D.C. ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA Site Facility				
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 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
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)	Test on Limits of Errors / Accuracy Requirement	Cl. No.11.1 of IS 14697
4	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
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters Class (0.2, 0.5, 1 or 1.5)	Test on Limits of Errors / Accuracy Requirement	Cl. No. 4.8 of NMI M 6-1 , 6-2
6	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
7	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
8	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

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-6695 **Page No** 59 of 86

Validity 29/05/2022 to 28/05/2024 **Last Amended on** 29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
LOCATION 2 - B/23/2, GIDC ELECTRONICS ESTATE, SECTOR 25, GANDHINAGAR, GUJARAT, INDIA Permanent Facility				
1	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
2	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
3	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
4	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
5	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
6	ELECTRICAL- CELLS & BATTERIES	LEAD-ACID STORAGE BATTERIES	Verification of dimensions, Dimensions Layout and Mass	Cl. No.: 12.4, 7, 7.1 of IS 8320
7	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
8	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Dimension and layout	Cl. No.: 9.4 & 6 of IS 7372
9	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Marking	Cl No. 9.5 & 8 of IS 7372
10	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Physical examination	Cl. No.: 4 & 9.3 of IS 7372
11	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Resistance to overcharge test	Cl. No.: 9.13 of IS 7372
12	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Resistance to overcharge test	Cl. No.: 9.13 of IS 7372
13	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Storage	Cl. No.: 9.15 of IS 7372
14	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Storage	Cl. No.: 9.15 of IS 7372
15	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Test for capacity	Cl. No.: 9.7 of IS 7372

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-6695	**Page No**	60 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
16	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
17	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
18	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor	Retention of charge test	Cl No. 9.12 of IS 7372
19	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor	Retention of charge test	Cl No. 9.12 of IS 7372
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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

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-6695	**Page No**	61 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
33	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
34	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
35	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Marking	Cl. No. 9 of IEC 62133-1
36	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Marking	Cl. No. 9 of IS 16046-2
37	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	marking	IEC 62133-2
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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

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-6695
Page No	62 of 86
Validity	29/05/2022 to 28/05/2024
Last Amended on	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
50	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
51	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Capacity Test	Cl. No. 7.1 of JIS C 8702-1
52	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Capacity Test	Cl. No. 7.1 of JIS C 8702-1
53	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Construction, Mechanical Strength, Marking, Marking of polarity	Cl No. 4.1, 4.2. 4.3, 4.4 of JIS C 8702-1
54	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Cycle service endurance	Cl. No. 7.3 of JIS C 8702-1
55	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Cycle service endurance	Cl. No. 7.3 of JIS C 8702-1
56	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	High rate discharge characteristics	Cl. No. 7.2 of JIS C 8702-1
57	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	High rate discharge characteristics	Cl. No. 7.2 of JIS C 8702-1
58	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Storage characteristics	Cl. No.: 7.4 of JIS C 8702-1
59	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Storage characteristics	Cl. No.: 7.4 of JIS C 8702-1
60	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Storage characteristics	Cl. No.: 7.4 of JIS C 8702-1
61	ELECTRICAL- CELLS & BATTERIES	Small-sized valve regulated lead-acid batteries	Storage characteristics	Cl. No.: 7.4 of JIS C 8702-1
62	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
63	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
64	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
65	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
66	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

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-6695
Page No	63 of 86
Validity	29/05/2022 to 28/05/2024
Last Amended on	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
67	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
68	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	First Charge	Cl. No.: 11.3 of IS 1651
69	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	First Charge	Cl. No.: 11.3 of IS 1651
70	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	Specific Gravity	Cl. No.: 11.4 of IS 1651
71	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
72	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
73	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
74	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
75	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
76	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
77	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	First Charge	Cl. No.: 11.3 of IS 1651
78	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
79	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
80	ELECTRICAL- CELLS & BATTERIES	Stationary Cells and Batteries, Lead Acid Type (With Tubular Positive Plates)	First Charge	Cl. No.: 11.3 of IS 1651
81	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
82	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Water Loss Test	Cl. No.: 11.9 of IS 13369
83	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

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-6695	**Page No**	64 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
84	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
85	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
86	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Endurance Test	Cl No. 11.7 of IS 13369
87	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
88	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
89	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Test for capacity	Cl No. 11.5 of IS 13369
90	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Test for capacity	Cl No. 11.5 of IS 13369
91	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
92	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
93	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
94	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
95	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
96	ELECTRICAL- CELLS & BATTERIES	Stationary Lead-Acid Batteries (With Tubular Positive Plates) In Monobloc Container	Water Loss Test	Cl. No.: 11.9 of IS 13369
97	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID	Ampere hour and watt hour efficiency	Cl No. 12.4, 12.5 of IS 15549
98	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
99	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID	STATIONARY VALVE REGULATED LEAD ACID	Cl No. 12.1 of IS 15549
100	ELECTRICAL- CELLS & BATTERIES	STATIONARY VALVE REGULATED LEAD ACID	Test for retention of charge	Cl No. 12.6 of IS 15549
101	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Dimensions	Cl No. 7, 16.2.1 of IS 12615

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-6695	**Page No**	65 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
102	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Duty and Rating	Cl No. 11, 15.4.4 of IS 12615
103	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Earthing	Cl No. 8 of IS 12615
104	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Full Load Test / Determine Efficiency	Cl No. 14, 15, 16.2.3 of IS 12615
105	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Full Load Test / Determine Efficiency	Cl No. 14, 15, 16.2.3 of IS 12615
106	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Full Load Test / Determine Efficiency	Cl No. 14, 15, 16.2.3 of IS 12615
107	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Full Load Test / Determine Efficiency	Cl No. 14, 15, 16.2.3 of IS 12615
108	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Full Load Test / Determine Efficiency	Cl No. 14, 15, 16.2.3 of IS 12615
109	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	High Voltage Test	Cl No. 16.1.6 of IS 12615
110	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Insulation Resistance Test	Cl No. 16.1.1 of IS 12615
111	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Locked Rotor Test	Cl No. 16.1.4, 16.2.2 of IS 12615
112	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Locked Rotor Test	Cl No. 16.1.4, 16.2.2 of IS 12615
113	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Locked Rotor Test	Cl No. 16.1.4, 16.2.2 of IS 12615
114	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Locked Rotor Test	Cl No. 16.1.4, 16.2.2 of IS 12615
115	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Marking Efficiency	Cl No. 18.2, 15.2, 15.3 of IS 12615
116	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Marking on Rating Plates	Cl No. 18.1 of IS 12615
117	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Measurement of Stator Resistance	Cl No. 16.1.2 of IS 12615
118	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Momentary Overload Test	Cl No. 12, 16.2.5 of IS 12615
119	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Momentary Overload Test	Cl No. 12, 16.2.5 of IS 12615
120	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Momentary Overload Test	Cl No. 12, 16.2.5 of IS 12615

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-6695 **Page No** 66 of 86

Validity 29/05/2022 to 28/05/2024 **Last Amended on** 29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
121	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Momentary Overload Test	Cl No. 12, 16.2.5 of IS 12615
122	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Momentary Overload Test	Cl No. 12, 16.2.5 of IS 12615
123	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	No Load Test	Cl No. 16.1.3 of IS 12615
124	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	No Load Test	Cl No. 16.1.3 of IS 12615
125	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	No Load Test	Cl No. 16.1.3 of IS 12615
126	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	No Load Test	Cl No. 16.1.3 of IS 12615
127	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Pull Up Torque	Cl No. 12.2 of IS 12615
128	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Pull Up Torque	Cl No. 12.2 of IS 12615
129	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Pull Up Torque	Cl No. 12.2 of IS 12615
130	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Pull Up Torque	Cl No. 12.2 of IS 12615
131	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Reduced voltage Running up test	Cl No. 16.1.5 of IS 12615
132	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Reduced voltage Running up test	Cl No. 16.1.5 of IS 12615
133	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Temperature Rise Test	Cl No. 6, 13, 16.2.4 of IS 12615
134	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Temperature Rise Test	Cl No. 6, 13, 16.2.4 of IS 12615
135	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Temperature Rise Test	Cl No. 6, 13, 16.2.4 of IS 12615
136	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Temperature Rise Test	Cl No. 6, 13, 16.2.4 of IS 12615
137	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Temperature Rise Test	Cl No. 6, 13, 16.2.4 of IS 12615
138	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Temperature Rise Test	Cl No. 6, 13, 16.2.4 of IS 12615
139	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Terminal Marking	Cl No. 9 of IS 12615

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-6695	**Page No**	67 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
140	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Type of Enclosures	Cl No. 5 of IS 12615
141	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Pull-up torque	Cl. No. 9.5 of IEC 60034-1
142	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Pull-up torque	Cl. No. 9.5 of IEC 60034-1
143	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Pull-up torque	Cl. No. 9.5 of IS 15999-1
144	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Pull-up torque	Cl. No. 9.5 of IS 15999-1
145	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Temperature Rise Test	Cl. No. 8 of IS IEC 60034-1
146	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Temperature Rise Test	Cl. No. 8 of IS IEC 60034-1
147	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Temperature Rise Test	Cl. No. 8 of IS IEC 60034-1
148	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Temperature Rise Test	Cl. No. 8 of IS IEC 60034-1
149	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Temperature Rise Test	Cl. No. 8 of IS IEC 60034-1
150	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Temperature Rise Test	Cl. No. 8 of IS IEC 60034-1
151	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Temperature Rise Test	Cl. No. 8. of IS 15999-1
152	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Temperature Rise Test	Cl. No. 8. of IS 15999-1
153	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Temperature Rise Test	Cl. No. 8. of IS 15999-1
154	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Temperature Rise Test	Cl. No. 8. of IS 15999-1
155	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Temperature Rise Test	Cl. No. 8. of IS 15999-1
156	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Temperature Rise Test	Cl. No. 8. of IS 15999-1
157	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Duty and Rating	Cl. No. 4.2.1, 5.2.1 of IS 15999-1
158	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Duty and Rating	Cl. No. 4.2.1, 5.2.1 of IEC 60034-1

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-6695	**Page No**	68 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
159	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Earthing	Cl. No. 11.1 of IS 15999-1
160	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Earthing	Cl. No. 11.1 of IEC 60034-1
161	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IEC 60034-1
162	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IEC 60034-1
163	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IEC 60034-1
164	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IEC 60034-1
165	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IEC 60034-1
166	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IS 15999-1
167	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IS 15999-1
168	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IS 15999-1
169	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IS 15999-1
170	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Full Load Test / Determine Efficiency	Cl. No. 12.1 of IS 15999-1
171	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	High Voltage Test	Cl. No. 9.2 of IEC 60034-1
172	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	High Voltage Test	Cl. No. 9.2 of IS 15999-1
173	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Marking	Cl. No. 10.2 of IEC 60034-1
174	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Marking	Cl. No. 10.2 of IS 15999-1
175	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Measurement of Resistance of Windings of Stator	Cl. No. 8.6 of IEC 60034-1
176	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Measurement of Resistance of Windings of Stator	Cl. No. 8.6 of IS 15999-1
177	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Momentary Over Load Test	Cl. No. 9.4.1 of IEC 60034-1

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-6695	**Page No**	69 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
178	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Momentary Over Load Test	Cl. No. 9.4.1 of IEC 60034-1
179	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Momentary Over Load Test	Cl. No. 9.4.1 of IEC 60034-1
180	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Momentary Over Load Test	Cl. No. 9.4.1 of IEC 60034-1
181	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Momentary Over Load Test	Cl. No. 9.4.1 of IEC 60034-1
182	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Momentary Over Load Test	Cl. No. 9.4.1 of IS 15999-1
183	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Momentary Over Load Test	Cl. No. 9.4.1 of IS 15999-1
184	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Momentary Over Load Test	Cl. No. 9.4.1 of IS 15999-1
185	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Momentary Over Load Test	Cl. No. 9.4.1 of IS 15999-1
186	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Momentary Over Load Test	Cl. No. 9.4.1 of IS 15999-1
187	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	No Load Test	Cl. No. 9.1 of IEC 60034-1
188	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	No Load Test	Cl. No. 9.1 of IEC 60034-1
189	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	No Load Test	Cl. No. 9.1 of IEC 60034-1
190	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	No Load Test	Cl. No. 9.1 of IEC 60034-1
191	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	No Load Test	Cl. No. 9.1 of IS 15999-1
192	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	No Load Test	Cl. No. 9.1 of IS 15999-1
193	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	No Load Test	Cl. No. 9.1 of IS 15999-1
194	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	No Load Test	Cl. No. 9.1 of IS 15999-1
195	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Pull-up torque	Cl. No. 9.5 of IEC 60034-1
196	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Pull-up torque	Cl. No. 9.5 of IEC 60034-1

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-6695	**Page No**	70 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
197	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Pull-up torque	Cl. No. 9.5 of IS 15999-1
198	ELECTRICAL- ROTATING ELECTRICAL MACHINES	ENERGY EFFICIENT INDUCTION MOTORS THREE PHASE SQUIRREL CAGE	Pull-up torque	Cl. No. 9.5 of IS 15999-1
199	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	Dimensions	Cl no. 17.3 (n) & 7 of IS 996
200	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	Earthing	Cl no. 9.5 IS 996
201	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	Full Load Test / Determine Efficiency	Cl no. 12.5 & 17.3 (d) of IS 996
202	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	Full Load Test / Determine Efficiency	Cl no. 12.5 & 17.3 (d) of IS 996
203	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	High Voltage Test	Cl no. 13.1, 13.2,13.3 & 17.3(h)(j)(k) ofIS 996
204	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	Insulation Resistance Test	Cl no. 12.7 & 17.3(g) of IS 996
205	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	Lock rotor Test	Cl No.12.1.1, 17.3 (b) and (c) of IS 996
206	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	Lock rotor Test	Cl No.12.1.1, 17.3 (b) and (c) of IS 996
207	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	Marking	Cl no. 16 of IS 996
208	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	Momentary Overload Test	Cl no. 12.1.2 & 17.3 (f) of IS 996
209	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	Momentary Overload Test	Cl no. 12.1.2 & 17.3 (f) of IS 996
210	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	Momentary Overload Test	Cl no. 12.1.2 & 17.3 (f) of IS 996
211	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	Temperature Rise Test at Rated Voltage	Cl no. 12.2 & 17.3 (e) of IS 996
212	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	Temperature Rise Test at Rated Voltage	Cl no. 12.2 & 17.3 (e) of IS 996
213	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	Temperature Rise Test at Rated Voltage	Cl no. 12.2 & 17.3 (e) of IS 996
214	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	Temperature Rise Test at Rated Voltage	Cl no. 12.2 & 17.3 (e) of IS 996
215	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	Terminal Marking	Cl no. 14.1 of IS 996

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-6695	**Page No**	71 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
216	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	Test for no load current, power input, speed at rated voltage and frequency	Cl no. 12.5 & 17.3 (d) of IS 996
217	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	Test for no load current, power input, speed at rated voltage and frequency	Cl no. 12.5 & 17.3 (d) of IS 996
218	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SINGLE PHASE A.C. INDUCTION MOTORS FOR GENERAL PURPOSE	Test for no load current, power input, speed at rated voltage and frequency	Cl no. 12.5 & 17.3 (d) of IS 996
219	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 10hp	Constructional features	Cl No. 5, 5.1 to 5.3 IS 17018 (Part 1) : 2018
220	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 10hp	Performance	Cl No 7, 7.1 to 7.5 IS 17018 (Part 1) : 2018
221	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
222	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
223	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
224	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
225	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
226	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
227	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - UP TO 10HP	Performance requirements (at Hot &Cold Simulation Profile and Outdoor condition)-water output per day	MNRE Annexure-II, F. No. 41/3/2018-SPV Division Dated 17.7.2019
228	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 10hp	Provision For Earthing	Cl No 8, 8.1 to 8.4 IS 17018 (Part 1) : 2018
229	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 10hp	Ratings	Cl No 9 IS 17018 (Part 1) : 2018
230	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
231	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - UP TO 10HP	Test for Hydraulic and Electrical Performance of Pump Set	MNRE Annexure-II, F. No.41/3/2018-SPV Division Dated 17.7.2019

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-6695	**Page No**	72 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
232	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 10hp	Tests for Hydraulic and Electrical performance of Pump set	Cl No 10, 10.1 to 10.3 IS 17018 (Part 1) : 2018
233	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 10hp	Tests for Hydraulic and Electrical performance of Pump set	Cl No 10, 10.1 to 10.3 IS 17018 (Part 1) : 2018
234	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 10hp	Tests for Hydraulic and Electrical performance of Pump set	Cl No 10, 10.1 to 10.3 IS 17018 (Part 1) : 2018
235	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 10hp	Tests for Hydraulic and Electrical performance of Pump set	Cl No 10, 10.1 to 10.3 IS 17018 (Part 1) : 2018
236	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 10hp	Tests for Hydraulic and Electrical performance of Pump set	Cl No 10, 10.1 to 10.3 IS 17018 (Part 1) : 2018
237	ELECTRICAL- ROTATING ELECTRICAL MACHINES	SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS - up to 10hp	Tests for Hydraulic and Electrical performance of Pump set	Cl No 10, 10.1 to 10.3 IS 17018 (Part 1) : 2018:
238	ELECTRONICS- EMC TEST FACILITY	CFL, Electronic Ballast & other lighting products	Radiated electromagnetic disturbances	BS EN 55015+A1
239	ELECTRONICS- EMC TEST FACILITY	CFL, Electronic Ballast & other lighting products	Radiated electromagnetic disturbances	CISPR 15
240	ELECTRONICS- EMC TEST FACILITY	CFL, Electronic Ballast & other lighting products	Radiated electromagnetic disturbances	IEC 61000-6-4
241	ELECTRONICS- EMC TEST FACILITY	CFL, Electronic Ballast & other lighting products	Radiated electromagnetic disturbances	IEC 61326-1
242	ELECTRONICS- EMC TEST FACILITY	CFL, Electronic Ballast & other lighting products	Radiated electromagnetic disturbances	IS 16102 (Part 2):
243	ELECTRONICS- EMC TEST FACILITY	CFL, Electronic Ballast & other lighting products	Radiated electromagnetic disturbances	IS 16103 (Part 2).AMD3
244	ELECTRONICS- EMC TEST FACILITY	Electrical Electronic products	Immunity to voltage dips & interruptions	IEC 61000-6-2
245	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Products	Mains terminal disturbance test	CISPR 11.AMD 2016+Amnd.
246	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Products	Power frequency Field Immunity Test	IEC 61000-6-2
247	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Products	Power Frequency Magnetic Field Immunity test	IEC 61000-6-2
248	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Products	power frequency magnetic field Immunity test	IEC 61326-2-6

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-6695	**Page No**	73 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
249	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Products	Voltage Dips & Interruptions Test	IEC 61326-2-6
250	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronics Products	Ring wave Immunity test	IEC 61000-4-12
251	ELECTRONICS- EMC TEST FACILITY	Electrical /Electronic Products	voltage dips & Interruptions test	IEC 61000-6-1
252	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Power Frequency Magnetic Field Immunity test	BS EN 55024:2010+A1
253	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Power Frequency Magnetic Field Immunity test	IEC 60255-26
254	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Impulse magnetic field immunity test	IEC 61000-4-9
255	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Power Frequency Magnetic Field Immunity test	BS EN 50121-5:2017+A1
256	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Power Frequency Magnetic Field Immunity test	IEC 60601-1-2: 2014 Amnd.
257	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Power Frequency Magnetic Field Immunity test	IEC 61000-4-8
258	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Power Frequency Magnetic Field Immunity test	IEC 61000-6-1
259	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Power Frequency Magnetic Field Immunity test	IEC 61326-1
260	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Power Frequency Magnetic Field Immunity test	IEC 61800-3
261	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Power Frequency Magnetic Field Immunity test	IEC 62040-2
262	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Power Frequency Magnetic Field Immunity test	IEC61547
263	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Immunity to conducted disturbances induced by RF fields	IEC 61326-2-6
264	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Radiated Electromagnetic Field Immunity test	BS EN 50121-5:2017+A1
265	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Radiated Emission	CISPR 11+AMD 1+AMD 2
266	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Radiated Emission	CISPR 32 upto Amnd

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-6695	**Page No**	74 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
267	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Radiated Emission	IEC 61000-6-3
268	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products	Radiated Emission	IEC 61326-1
269	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	BS EN 55024:2010+A1:
270	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 61326-1
271	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 61543
272	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	BS EN 50121-5+A1
273	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 61800-3:
274	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	BS EN 55015:2019+A11:
275	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	BS EN 61800-3
276	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 60255-26
277	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 60255-26
278	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 61008-1
279	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 61326-2-6
280	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 61543 amd. 2
281	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 61800-3

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-6695	**Page No**	75 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
282	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 61800-3
283	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 61800-3
284	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 62040-2
285	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 62053-22
286	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 62053-22
287	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 13779
288	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 15111-2 amd. 6
289	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS14614
290	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS14614
291	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS16102 (Part 2):
292	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	BS EN 55011 AMD.1
293	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	BS EN 55011 AMD.1
294	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	BS EN 55015
295	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	BS EN 55015:+A1 :2015

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-6695	**Page No**	76 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
296	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	BS EN 55032
297	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	BS EN 55032
298	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	CISPR 15
299	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	CISPR14-1
300	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	CISPR14-1
301	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 61000-6-3
302	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 61000-6-4
303	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 61326-1
304	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 62052-11
305	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 62053-21
306	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 14697
307	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 14697
308	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS16102 (Part 2) amd. 2
309	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS16102 (Part 2) amd. 2

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-6695	**Page No**	77 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
310	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS16103 (Part 2) amd. 2
311	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS16103 (Part 2) amd. 2
312	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 15111-2 amd. 6
313	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	CISPR 11:2015+AMD1:2016+AMD2:2019
314	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	CISPR 14-1
315	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	CISPR 14-1
316	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	CISPR 15
317	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	CISPR 32:2015+AMD1:2019
318	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 61000-6-4
319	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 62236-3-2
320	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 13779
321	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 14697
322	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 6873 (Part 2/Sec 1)
323	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 6873 (Part 3)

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-6695	**Page No**	78 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
324	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 6873 (Part 5)
325	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IS 6873 (Part 5)
326	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Conducted emission / Mains terminal Disturbance Measurement	IEC 61000-6-4
327	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	BS EN 55024:2010+A1
328	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	BSEN 61000-4-1
329	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 60255-22-4
330	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 60255-26
331	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 60439-1 Amend. 1
332	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 60571
333	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 60601-1-2: 2014 Amnd.
334	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 60601-1-2: 2014 Amnd.
335	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 60947-4-1
336	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 61000-4-4
337	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 61000-6-1
338	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 61000-6-2
339	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 61326-1
340	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 61326-2-6
341	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 61543 Amend. 1 & 2

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-6695 **Page No** 79 of 86

Validity 29/05/2022 to 28/05/2024 **Last Amended on** 29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
342	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 61547
343	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 61800-3
344	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 61812-1
345	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 62040-2
346	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 62052-11
347	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 62053-21
348	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC 62053-23
349	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IEC TR 61000-4-1
350	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IS 12640 (Part 1)
351	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IS 12640 (Part 2)
352	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IS 14614
353	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test	IS 14700
354	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test.	CISPR 14-2
355	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test.	IS 14697
356	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrical Fast Transient /Burst immunity test.	IS 13779
357	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 62052-11
358	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 60571
359	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 60601-1-2: 2014 Amnd.
360	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 61000-4-2

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-6695 **Page No** 80 of 86

Validity 29/05/2022 to 28/05/2024 **Last Amended on** 29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
361	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 61000-6-1
362	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 61000-6-2
363	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 61326-1
364	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 61326-2-6
365	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 61547
366	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 61800-3
367	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 62040-2
368	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 62053-21
369	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IEC 62053-22
370	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IS 12640 (Part 2)
371	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IS 12640 -1
372	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IS 13779
373	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IS 14614
374	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test	IS15884
375	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Electrostatic Discharge immunity test.	IS 14697
376	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
377	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	BS EN 55024:2010+A1:
378	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 60255-26

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-6695 **Page No** 81 of 86

Validity 29/05/2022 to 28/05/2024 **Last Amended on** 29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
379	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 61850-3:
380	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 62040-2:
381	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 60255-26
382	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 60255-26
383	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 60571:
384	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 60601-1-2: 2014 Amnd.
385	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 60947-2: Amd. 1 & 2
386	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 60947-4-1
387	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 60947-5-1
388	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 61000-4-6
389	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 61000-6-1
390	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 61000-6-2:
391	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 61326-1
392	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 61326-2-1

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-6695 **Page No** 82 of 86

Validity 29/05/2022 to 28/05/2024 **Last Amended on** 29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
393	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 61543: + Amd. 1 & 2
394	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 61547:
395	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 61812-1
396	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 62053-22
397	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC62053-21
398	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IS 12640 (Part 1):
399	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IS 12640 (Part 2):
400	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IS 14614
401	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Immunity to conducted disturbances induced by RF fields	IEC 62052-11
402	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	BS EN 55011+A2
403	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	BS EN 55032+A1
404	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	CISPR 11+AMD 1+AMD 2
405	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	CISPR 14-1
406	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	CISPR 32+AMD1
407	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IEC 62040-2

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-6695	**Page No**	83 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
408	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IEC 60255-26
409	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IEC 61000-6-3
410	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IEC 61000-6-4
411	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IEC 61543+AMD 1 & 2
412	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IEC 61543+AMD 1 & 2
413	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IEC 61800-3
414	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IEC 62052-11
415	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IEC 62053-21
416	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IEC 62053-22
417	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IS 14614
418	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated Emission	IS 6873 (Part 2/Sec 1)
419	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	CISPR 14-2
420	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60601-1-2: 2014 Amnd.
421	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60947-5-1
422	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61000-4-3
423	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61000-6-1
424	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61000-6-2

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-6695	**Page No**	84 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
425	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61326-1
426	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61326-2-6
427	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61543: 1995 + Amd 2
428	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61547
429	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62040-2
430	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62052-11
431	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62053-21
432	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62053-22
433	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IS 13779
434	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IS 14614
435	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Radiated, radio frequency, Electromagnetic field immunity test	IS 14697
436	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	CISPR 14-2
437	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 60255-26
438	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 60601-1-2: 2014 Amnd.
439	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 61000-4-5: 2014 AMD.1

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-6695	**Page No**	85 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
440	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 61000-6-1
441	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 61000-6-2
442	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 61000-6-2
443	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 61547:
444	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 61800-3
445	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 62040-2
446	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 62052-11:
447	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 62053-22
448	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IS 13779
449	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IS 14697
450	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	CISPR 14-2
451	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 61000-6-1
452	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 61326-2-6
453	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Surge immunity test	IEC 62053-21
454	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Voltage Dips & Interruptions	CISPR 14-2
455	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Voltage Dips & Interruptions	IEC 60255-26 :
456	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Voltage Dips & Interruptions	IEC 61000-4-11
457	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Voltage Dips & Interruptions	IEC 62052-11
458	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Voltage Dips & Interruptions	IEC 61547

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-6695	**Page No**	86 of 86
Validity	29/05/2022 to 28/05/2024	**Last Amended on**	29/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
459	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Voltage Dips & Interruptions	IEC 61800-3
460	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Voltage Dips & Interruptions	IEC 62040-2
461	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Voltage Dips & Interruptions	IEC 62053-21
462	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic products and static energy meter	Voltage Dips & Interruptions	IEC 62053-22
463	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronics Products	Immunity to conducted disturbances induced by RF fields	CISPR 14-2
464	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronics products	Radiated Electromagnetic field Immunity Test	IEC 61800-3
465	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronics Products	Radiated Electromagnetic field Immunity test	IEC 62236-3-2
466	ELECTRONICS- EMC TEST FACILITY	Electrical/Electronic Products	voltage dips & Interruptions Test	IEC 61000-6-2
467	ELECTRONICS- EMC TEST FACILITY	Static Energy Meter	Disturbance power measurement	CISPR 14–1
468	ELECTRONICS- EMC TEST FACILITY	Static Energy Meter	Disturbance power measurement	IS 13779
469	ELECTRONICS- EMC TEST FACILITY	Static Energy Meter	Disturbance power measurement	IS 14697