National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ELECTRICAL TESTING LABORATORY, OVERDRIVE ELECTRONICS PVT. LTD., B- 215, PHASE 2, NAGLA, DADRI ROAD, NOIDA, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7628 **Page No** 1 of 2

Validity 26/10/2022 to 30/07/2023 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps For General Lighting Services	Cap Temperature Rise	Cl.10 IS 16102 (Part 1)
2	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps For General Lighting Services	Creepage Distances and Clearances	Cl.14 IS 16102 (Part 1)
3	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps For General Lighting Services	Dimensions	Cl.6 IS 16102 (Part 2)
4	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps For General Lighting Services	Emission of Radio Frequency Disturbances (Conducted)	Cl.8.4 IS 16102 (Part-2)
5	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps For General Lighting Services	Emission of Radio Frequency Disturbances (Radiated)	Cl.8.4 IS 16102 (Part 2)
6	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps For General Lighting Services	Fault Conditions	Cl.13 IS 16102 (Part 1)
7	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps For General Lighting Services	Harmonics	Cl.8.3 IS 16102 (Part 2)
8	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps For General Lighting Services	Insulation Resistance and Electric Strength after Humidity Treatment	Cl.8 IS 16102 (Part 1)
9	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps For General Lighting Services	Interchangeability	Cl. 6 IS 16102 (Part 1)
10	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps For General Lighting Services	Marking	Cl. 5 IS 16102 (Part 1), IS 16102 (Part 2)
11	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps For General Lighting Services	Mechanical Strength Test	Cl.9 IS 16102 (Part 1)
12	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps For General Lighting Services	Power Factor	Cl.8.2 IS 16102 (Part 2)
13	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps For General Lighting Services	Protection against Accidental Contact with live parts	Cl.7 IS 16102 (Part 1)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ELECTRICAL TESTING LABORATORY, OVERDRIVE ELECTRONICS PVT. LTD., B- 215, PHASE 2, NAGLA, DADRI ROAD, NOIDA, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7628 **Page No** 2 of 2

Validity 26/10/2022 to 30/07/2023 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
14	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps For General Lighting Services	Resistance to Flame and Ignition (Glow Wire)	Cl.12 IS 16102 (Part 1)
15	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps For General Lighting Services	Resistance to Heat (Ball Pressure Test)	Cl.11 IS 16102 (Part 1)
16	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps For General Lighting Services	Resistance to Heat (Ball Pressure Test)	Cl.11 IS 16102 (Part 1)
17	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps For General Lighting Services	Lamp Efficacy	Cl.9.3 IS 16102 (Part2)
18	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps For General Lighting Services	Colour Nomenclature, Variation and Rendering (Colour Rendering Index)	Cl.10.2 IS 16102 (Part 2)
19	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps For General Lighting Services	Colour Nomenclature, variation and Rendering (Colour Variation Categories)	Cl.10.1 IS 16102 (Part 2)
20	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps For General Lighting Services	Colour Nomenclature, variation and Rendering (Colour Variation Categories)	Cl.10.1 IS 16102 (Part 2)
21	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps For General Lighting Services	Colour Nomenclature, variation and Rendering (Colour Variation Categories)	Cl.10.1 IS 16102 (Part 2)
22	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps For General Lighting Services	Lamp Life (Endurance Test-Temperature Cycling Test)	Cl.11.3.2 IS 16102 (Part 2)
23	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps For General Lighting Services	Lamp Life (Lumen Maintenance)	Cl.11.2 IS 16102 (Part 2)
24	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps For General Lighting Services	Lamp Power	Cl.8.1 IS 16102 (Part 2)
25	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps For General Lighting Services	Life Test (Endurance Tests-Accelerated Operational Life Test)	Cl.11.3.4 IS 16102 (Part 2)
26	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps For General Lighting Services	Life Test (Endurance Tests-Supply Switching Test)	Cl.11.3.3 IS 16102 (Part 2)
27	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps For General Lighting Services	Luminous Flux	Cl.9.1 IS 16102 (Part 2)