



Federation for Development of Accreditation Services

CERTIFICATE OF ACCREDITATION **(AS PER ISO/IEC 17025:2017)**

This is to attest that

M/s Poweronic Test & Research Centre Pvt. Ltd.
First Floor, B-2/4, Site-B, UPSIDC Surajpur Industrial Area,
Greater Noida (U.P)-201306

Testing Laboratory

has demonstrated compliance with ISO/IEC Standard 17025:2017, General requirements for the competence of testing and calibration laboratories and supplementary criteria for testing laboratories.

Certificate Number: TL-104

Issue Date: 23/11/2021

Valid Until: 22/11/2023

The certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard and the relevant requirements of FDAS (scope of accreditation also displayed at www.fdasindia.org).

DEVI SARAN TEWARI
President



SCOPE OF ACCREDITATION

Laboratory Name: M/s Poweronic Test & Research Centre Pvt Ltd.
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Accreditation Standard: ISO/IEC 17025:2017 **Page No.** 1 of 3

Certificate Number: TL-104

Validity: 23/11/2021 to 22 /11/2023 **Last Amended on**

Laboratory based Testing

IS:2465-1984 (Reaffirmed year: 2016)	Cable for motor vehicles (Excluding Cl.12.1g High Voltage Test)
IS:14255-1995 (Reaffirmed Year: 2020)	Aerial Bunched Cables- For Working Voltages up to and including 1100 volts (Excluding Cl.10.1-b) i) Breaking load (Messenger Conductor)
IS:9968(Part-1)-1988 (Reaffirmed Year: 2020)	Elastomeric Insulated Cable and Elastomeric Sheathed /Textile Braided Cable up to 1100 V (Excluding Cl.22.2 High Voltage Tests)
BS EN 50618-2014 IEC 62930-2017	Electrical Cables for Photovoltaic systems (Excluding Dynamic Penetration Tests, Long term Resistance of insulation to D.C., Voltage Tests on completed cable with A.C. or D.C., Fire Resistance Test, Fire Resistance Test (Category CWZ))
IS:17048- 2018	Halogen free flame retardant (HFFR) cables for working voltages up to and including 1100 volts (Excluding Cl.5.1 & Table-2(III)c) ii) & F) i) High Voltage Test)
IEC 60754-1 - 2011 & IEC 60754 -2- 2011	Insulated cable & wires. (Determination of the halogen acid gas content & Determination of acidity (by pH measurement) and conductivity).
IS:1554(P-1)-1988 (Reaffirmed Year: 2020)	PVC Insulated (Heavy Duty) Electric Cables: Part 1 for working voltages Up to and Including 1100V (Excluding Cl.16.3 AC High Voltage Test, DC High Voltage Test, CL 16.2 High Voltage Test)
IS:694-2010 (Reaffirmed Year: 2020)	PVC Insulated Unsheathed and Sheathed Cables/Cords with rigid and Flexible Conductor for rated Voltages up to including 1100V (Excluding Cl.10.1 AC High Voltage Test, DC Voltage Test, 10.2 High Voltage Test)
IS:9857-1990 (Reaffirmed Year: 2020)	Welding Cables (Excluding Cl.10.1-d & Cl.11.1 High Voltage Test)


Dealing Officer



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Laboratory based Testing

IS:7098 (Part-1)-1988 (Reaffirmed Year: 2020)	Crosslinked polyethylene insulated PVC sheathed cables: Part 1 For working voltage up to and including 1100 V (Excluding Cl.16.2 High Voltage Test)
BS 7846-2015	Thermosetting insulated, armoured, fire-resistant cables of rated voltage 600/1 000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire. (Excluding High Voltage Test at room temperature, Resistance Fire (Category F30, Category F60, Category F120), Resistance to fire alone (Protocol C), Resistance to Fire with Mechanical Shock (Protocol Z), Resistance to fire with Water (Protocol w)
IEC 60502-1-2021	Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) - Part 1: Cables for rated voltages of 1 kV (Um = 1,2 kV) and 3 kV (Um = 3,6 kV) (Excluding High Voltage Test, Impulse withstands test)
ASTM G 151-2010, ASTM G 154-2016,	Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials
IEC 60068-2-14: 2009	Environmental testing-Part-2-14-Test N: Change of temperature
NES-713 Category-2	Determination of Toxicity index of the products of combustion from small specimens of materials
Poweronic Standards: 2020	Anti-Rodent & Anti Termite Test
IS:10322 (Part-5/ Sec 1)-2012 (Reaffirmed Year: 2017)	Luminaries Part 5- Particular requirements Section 1-Fixed General-Purpose Luminaries (Excluding Cl.7 Construction, Cl.14 Resistance to Dust & Moisture, Cl.13 Endurance Test and Thermal test, Cl.12 Protection against electric Shock, Cl.16 Resistance to heat, Fire and Tracking)


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IS:16102 (Part-1)-2012 (Reaffirmed Year: 2017)	Self-Ballasted LED Lamps For general purpose Lighting Services, Part 1-Safety Requirements (Excluding Cl.13 Fault Conditions, Cl.12 Resistance to flame and ignition, Cl.6 interchangeability)
IS:398 (Part-2)-1996 (Reaffirmed Year: 2018)	Aluminum Conductors, Galvanized Steel- Reinforced
IS:398(Part-1)-1996 (Reaffirmed Year: 2018)	Aluminum Stranded Conductors
IS:15885 (Part-2/Sec 13)-2012 (Reaffirmed Year: 2017)	Safety of Lamp Control gear Part 2: Particular Requirements Section: 13 dc or a.c. Supplied Electronic Control gear for LED Modules (Excluding Cl.19 Resistance to heat, Fire and tracking, Cl.15 Transforming heating, Cl.14 Fault conditions)
IS:9537 (Part-2)-1981 (Reaffirmed Year: 2017)	Conduits for electrical wiring installation
IS:9537 (Part-3)-1983 (Reaffirmed Year: 2017)	Conduits for Electrical wiring installation (Rigid steel conduits)


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