



Our Ref: LRMD/LRS/OSL - 8138626

04-07-2024

M/s. Matrix Test Labs
Plot No 28 Badli Industrial Area,
Delhi, India-110042

Sub: Renewal of recognition under BIS Lab Recognition Scheme 2020.

Dear Sir,

With reference to your application seeking renewal of recognition of your laboratory by BIS and the subsequent assessment(s) / correspondences made in this regard, we are pleased to inform you that the recognition of your lab operating at the address " Matrix Test Labs, Plot No 28 Badli Industrial Area, Delhi, India-110042" has been renewed by the Competent Authority for a period of three years w.e.f. **01-01-2024 to 31-12-2026** under BIS Lab Recognition Scheme 2020. The scope of recognition is as approved in the LIMS of BIS.

The recognition shall stand automatically withdrawn unless renewed further subject to satisfactory performance of your laboratory based on periodic review/surveillance by BIS. The recognition shall stand expired if renewal is not sought by your laboratory in advance of the expiry date along with the prescribed fee. In this connection, you may kindly go through BIS LRS 2020 available at BIS website www.bis.gov.in.

It may be noted that you are required to comply with the Terms & Conditions as laid down under item 5.0 of the BIS LRS 2020 and also the Undertaking given by you along with the application form. In case your laboratory is found violating any of the provisions of the Scheme or the undertaking given by you, the recognition of your laboratory may be suspended or your lab may be de-recognized by BIS. The conditions under which the laboratory can be suspended/ deferred /expired or can be de-recognized are given under Item 7 & 8 of BIS LRS 2020.

It may be noted that you are required to ensure that you have mapped all the test clauses under your scope in BIS LIMS portal and have obtained IS/ISO/IEC 17025:2017 accreditation for all the parameters covered under your BIS scope.

It may also be noted that this recognition does not bind BIS to make use of the test facilities available in your laboratory. However, as and when required your test facilities would be utilized as decided by BIS from time to time.

Thanking you,

Yours faithfully,

(Supai Tudu)
Scientist-C / Deputy Director

OSL CODE 8138626

NAME Matrix Test Labs

ADDRESS Plot No.28, Badli Industrial Area

Phase-II

Delhi 110042

Delhi

CONTACT : kailash Bansal, CEO

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REMARKS

IS Number	Product	Testing Charge	Remark
1 IS 302(Part 1): 2008	Safety of household and similar electrical appliances-Pt-1:General requirements	Rs. 50,000/-	Included w.e.f. 04-01-2023. Excluding: Cl.19.11.4.1 (Electrostatic discharges), Cl.19.11.4.2 (Radiated fields), Cl.19.11.4.3 (Fast transient bursts), Cl.19.11.4.4 (Surge immunity test), Cl. 22.46 (Software), Cl.24 (Components) (10% discount for BIS)
2 IS 302(Part 2/Sec 3): 2007	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES-ELECTRIC IRON	Rs. 8,000/-	Included w.e.f. 04-01-2023. Excluding: Cl.19.11.4.1 (Electrostatic discharges), Cl.19.11.4.2 (Radiated fields), Cl.19.11.4.3 (Fast transient bursts), Cl.19.11.4.4 (Surge immunity test), Cl.24.1 (Components), Cl.22.1 (Construction) (10% discount for BIS)
3 IS 302(Part 2/Sec 6): 2009	Safety of household & similar electrical appliances (Pt-2)-particular req, Sec-6-Cooking ranges, hobs, ovens & similar appliances:Induction stove	Rs. 30,000/-	Included w.e.f. 04-01-2023. Excluding: CL.19.11.4.1 (Electrostatic discharges), Cl.19.11.4.2 (Radiated fields), Cl.19.11.4.3 (Fast transient bursts), Cl.19.11.4.4 (Surge immunity test), Cl.22.16 (cord reel test setup), Cl.22.46 (software), Cl.24.0 (Components) (10% discount for BIS)
4 IS 302(Part 2/Sec 15): 2009	Safety of household & similar electrical appliances(Pt-2) particular req. Sec-15 Appliances for heating liquids	Rs. 20,000/-	Included w.e.f. 04-01-2023. Excluding: Cl.19.11.4.1 to 19.11.4.4 EMI/EMC test, Cl.22.16 (Cord reel test setup), Cl.22.46 (software), Cl.24 (COMPONENTS) (10% discount for BIS)

IS Number	Product	Testing Charge	Remark
5	IS 302(Part 2/Sec 21): 2018	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES - STATIONARY STORAGE TYPE ELECTRIC WATER HEATER	Rs. 15,000/-
			Included w.e.f. 04-01- 2023. Excluding: Cl.19.11.4.1 (Electrostatic discharges), Cl.19.11.4.2 (Radiated fields), Cl.19.11.4.3 (Fast transient bursts), Cl.19.11.4.4 (Surge immunity test), Cl.22.16 (cord reel test setup), Cl.22.46 (software) (10% discount for BIS)
6	IS 302(Part 2/Sec 25): 2014	Safety of Household and Similar Electrical Appliances Part-2: Particular Requirements Section- 25: Microwave Ovens	Rs.150000/- (10% discount to BIS)
			Excluding: EMI/EMC (Cl.19.11.4.1 to 19.11.4.7), Cord Reel Test Set-up (Cl.22.16), Software (Cl.22.46), Water Pressure Inlet (Cl.22.47), Interlocks (Cl.22.106), Component (Cl.24), Appliance for board ships (Annex-BB) & Salt spray test (Annex- CC).
7	IS 302(Part 2/Sec 26): 2014	Safety of Household and Similar Electrical Appliances Part-2: Particular Requirements Section-26 : Clocks	Rs.75000/- (10% discount to BIS)
			Excluding: EMI/EMC (Cl.19.11.4.1 to 19.11.4.7), Cord Reel Test Set-up (Cl.22.16), Software (Cl.22.46), Water Pressure Inlet (Cl.22.47) and Components (Cl.24).
8	IS 302(Part 2/Sec 35): 2017	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES Pt-2, particular req- Sec 35:Electric instantaneous water heater	Rs. 15,000/-
			Included w.e.f. 04-01- 2023. Excluding: Cl.19.11.4.1 (Electrostatic discharges), Cl.19.11.4.2 (Radiated fields), Cl.19.11.4.3 (Fast transient bursts), Cl.19.11.4.4 (Surge immunity test), Cl.22.16 (cord reel test setup), Cl.22.46 (Software), Cl. 24 (Components) (10% discount for BIS)
9	IS 302(Part 2/Sec 201): 2008	SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES-ELECTRIC IMMERSION WATER HEATERS	Rs. 15,000/-
			Included w.e.f. 04-01- 2023. Excluding: Cl.19.11.4.1 (Electrostatic discharges), Cl.19.11.4.2 (Radiated fields), Cl.19.11.4.3 (Fast transient bursts), Cl.19.11.4.4 (Surge immunity test), Cl.22.16 (cord reel test setup), Cl.22.46 (software), Cl.24 (Component) (10% discount for BIS)

IS Number	Product	Testing Charge	Remark
10	IS 616 : 2017 Audio, Video and Similar Electronic Apparatus - Safety Requirements	<p>Rs. 75,000/- (For Electronic games (Video), Electronic musical system with input power 200W and above, Power adopters for audio, video & similar electronic apparatus).</p> <p>Rs.1,00,000/- (For Plasma/LCD/LED TV of screen size up to 75". Additional Products). Rs.75,000/- (For Amplifiers with input power 2000W and above, Optical Disc Players with built in amplifiers of input power 200W and above).</p> <p>Rs.1,00,000/- (For Plasma/LCD/LED TV of screen size up to 32").</p> <p>Rs.75000/- (for Wireless Headphone & Earphone)</p> <p>Rs.75000/- (for Electronic Musical System with input power below 200W)</p> <p>Rs.10000/- (for Television other than plasma/LCD/LED/TVS. Additional Products Included For Phase V).</p> <p>Rs.75000/- (for Microphone. Video camera, Webcam (finished product), Smart Speakers (with and without display), Bluetooth speakers).</p>	<p>REVISED VERSION IS 616:2017 and Additional Products included w.e.f. 18.09.2018.</p> <p>Excluding: Ionizing radiation test (Cl.6.1), Laser radiation (Cl.6.2), Endurance test for wound components with insulated winding wires without additional interleaved insulation (Cl.8.17), Printed Boards (Cl.13.5), Component test (Cl.14), Plugs & Sockets (Cl.15.1), Mechanical strength of picture tubes & protection against the effect of implosion (Cl.18).</p>
11	IS 10322(Part 5/Sec 1): 2012 FIXED GENERALPURPOSE LUMINARIES	Rs.80,000/- [10% discount to BIS]	<p>Following Additional Test Facility included w.e.f. 18.09.2018:</p> <p>Resistance to dust, solid objects & moisture for IPX7 & IPX8 (Cl.9.2.8 & Cl.9.2.9) as per (RD) IS 10322(Part-1):2014.</p> <p>Excluding:</p> <p>Electromechanical Contact System (Cl.4.11.6), UV Radiation (Cl.4.24, Annex-P), Short circuit protection (Cl. 4.26.2) as per (RD) IS 10322(Part-1):2014 and Photometric test (Cl.17).</p>
12	IS 10322(Part 5/Sec 6): 2013 Handlamps	Rs. 50,000/-	<p>Included w.e.f. 16.11.2022.</p> <p>Electromechanical Contact System (Cl.4.11.6), UV Radiation (Cl. 4.24, Annex-P), as per (RD) IS 10322(P-1):2014</p>
13	IS 10322(Part 5/Sec 7): 2017 Luminaries pt-5 Sec 7 Lighting chains	Rs. 50,000/-	<p>Included w.e.f. 16.11.2022.</p> <p>Electromechanical Contact System (Cl.4.11.6), Photo Biological hazards (Cl.4.24), as per (RD) IS 10322(P1):2014</p>

IS Number	Product	Testing Charge	Remark	
14	IS 10322(Part 5/Sec 9): 2017	Luminaires Pt-5-requirements: Sec-9 Rope lights	Rs. 50,000/-	Included w.e.f. 16.11.2022. Electromechanical Contact System (Cl.4.11.6), Photo Biological hazards (Cl.4.24), as per (RD) IS 10322(P1):2014
15	IS 13252(Part 1): 2010	Information Technology Equipment-Safety (General Requirements)	Rs. 1,00,000/- (for Laptop/ notebook/tablet, Visual display unit, video monitors of screen size up to 75", Printer & Plotters, Scanner, Power adaptor for IT equipments, Mobile phones and Mail processing machine/ postage machine/ Franking machine, Point of sale terminal, Copying machine/ duplicators, Passport Readers and Power bank for use in portable applications, Set Top Box, Telephone answering machine, Cash Registers and Smart card readers, Wireless Keyboard). Rs. 75,000/- (For CCTV Recorders & CCTV Cameras). Rs. 1,25,000/- for (Automatic data processing machine. Additional Products). Rs.75,000/- (For USB driven Barcode readers, Barcode scanner, Iris scanners, Optical fingerprint scanners and Smart watches). Rs. 75000/- for Keyboard. Rs. 1,25,000/- for Automatic teller cash dispensing machines. Rs. 75000/- for USB type external hard disk drive. Rs. 75000/- for USB type external solid state storage devices (above 256GB capacity). Rs. 75000/-(for standalone switch mode power supplies (SMPS) with output voltage 48V (mx)). Rs. 1,25,000/- (for Digital Camera)	Following Additional products included w.e.f. 18.09.2018: USB driven Barcode readers, Barcode scanner, Iris scanners, Optical fingerprint scanners and Smart watches. Excluding: Component (Cl.1.5), Safety Interlocks: Safety Interlocks: Moving parts (Cl.2.8.5), Switches & Relays(Cl.2.8.7), Contact gaps (Cl.2.8.7.1), Endurance test (Cl.2.8.7.3), Semiconductor Devices (Opto-coupler test) (Cl.2.10.5.4), Insulation in wound components (Cl.2.10.5.11), Cathode Ray Tube (Cl.4.2.8), Flammable Liquids (Cl.4.3.12), Ionizing Radiation (Cl.4.3.13.2), Effect of UV Radiation on materials (Cl.4.3.13.3), Human exposure to UV radiation (Cl.4.3.13.4), Lasers including LED (Cl.4.3.13.5), Bottom of the fire enclosure/ Hot flaming oil test (Cl.4.6.2 & Annex-A3), Insulating winding wires (Annex U), Evaluation of IC current limiters (Annex CC).
16	IS 15885(Part 2/Sec 13): 2012	Safety of Lamp Controlgear Part 2 Particular Requirements Section 13 d.c. or ac. Supplied Electronic Controlgear for LED Modules	Rs.75000/- (10% discount to BIS)	Excluding: Components: Enclosure, Bridging resistor in primary circuit, Capacitor and RC units, RF suppression (X-Y capacitors), Inductor, MOV/VDR, SMPS/Mains Transformer, PCB material, Metal base PCB for LED, Transparent cover, Bobbin, Insulated tape, Heat shrinkage sleeve, Connector, Fuse, Internal wire, LED, Opto-coupler, EMI/EMC filter, Winding wire, Thin sheet materials etc.

IS Number		Product	Testing Charge	Remark
17	IS 16046 : 2015	Secondary Cells and batteries containing alkaline or other non-acid electrolytes-safety req. for portable sealed secondary cells, and for batteries made from them, for use in portable applications	Rs.1,80,000/- [10% discount to BIS]	Transport test (Cl.8.3.8) based on manufacturer's documents to demonstrate compliance.
18	IS 16046(Part 1): 2018	Secondary cells & battery(Pt-1)-Nickel system	Rs.1,80,000/- [10% discount to BIS]	REVISED VERSION Included w.e.f. 14.01.2019.
19	IS 16046(Part 2): 2018	Secondary cells & Battery (Pt-2)-Lithium system	Rs.1,80,000/- [10% discount to BIS]	REVISED VERSION Included w.e.f. 14.01.2019.
20	IS 16047(Part 3): 2018	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes & Secondary Lithium Cells and Batteries for Portable Applications Part 3 Prismatic and Cylindrical Lithium Secondary Cells, and Batteries Made From Them (First Revision)	Rs. 300000/-	Included w.e.f. 29-09-2023. Exclusion: Cl.7.8 (Electrostatic Discharge)
21	IS 16102(Part 1): 2012	Self-Ballasted LED Lamps for General Lighting Services Part - 1 Safety Requirements	Rs.80,000/- [10% discount to BIS]	Restricted to Cap type B22d, E14 & E27 only.
22	IS 16103(Part 1): 2012	LED Modules for General Lighting (Safety)	Rs. 50,000/-	Included w.e.f. 16.11.2022
23	IS 16242(Part 1): 2014	UPS/Inverter	Rs.1,25,000/- UPS/ Invertors Up to 5 kVA) [10% discount to BIS]	Following Additional Test Facility included w.e.f. 18.09.2018: Protection against ingress of foreign objects (IPX7 & IPX8 only) (Cl.1.2 & AnnexH). Excluding: Non-linear loads (Cl.3.3), Components (Cl.4.5 / RD 1.5), Protection of Personnel-Safety Interlocks (Cl. 5.6/ RD Cl.2.8.5, Cl.2.8.7.1 to Cl.2.8.7.3), Semiconductor devices (Cl.2.10.5.4 of RD) and Insulation in wound components (Cl.2.10.5.11 of RD).
24	IS 16333(Part 3): 2017	Indian Language support for Mobile phone handsets	Rs.25,000/- [10% discount to BIS]	
25	IS 16333(Part 3): 2022	Indian Language support for Mobile phone handsets	Rs. 25,000/-	Included w.e.f. 16-12-2022.
26	IS 16805 : 2018	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes & Safety Requirements for Secondary Lithium Cells and Batteries, for Use in Industrial Applications	Rs. 300000/-	Included w.e.f. 29-09-2023.
27	IS 16822 : 2019	Secondary cells and batteries containing alkaline or other non - Acid electrolytes - Secondary lithium cells and batteries for use in industrial applications	Rs. 450000/-	Included w.e.f. 29-09-2023.
28	IS 16893(Part 2): 2018	Secondary lithium - Ion cells for the propulsion of electric road vehicles: Part 2 reliability and abuse testing	Rs. 300000/-	Included w.e.f. 29-09-2023.

IS Number	Product	Testing Charge	Remark
29 IS 16893(Part 3): 2018	Secondary Lithium - Ion Cells For the Propulsion of Electric Road Vehicles Part 3 Safety Requirements	Rs. 300000/-	Included w.e.f. 29-09-2023.