

भारतीय मानक ब्यूरो
बं. शा. प्रयोगशाला, बंगलूरु

हमारा सन्दर्भ: BNBOL/LRS/OSL-6126126

28 जनवरी 2020

विषय: मै. टी. यू.वी. र्हेलैंड इंडिया प्राइवेट लिमिटेड, बंगलूरु के मान्यता क्षेत्र में परिवर्तन

सक्षम अधिकारी के अनुमोदन अनुसार मै. टी. यू.वी. र्हेलैंड इंडिया प्राइवेट लिमिटेड, # 27/B, दूसरा क्रॉस, इलेक्ट्रॉनिक सिटी, फेज-1, बंगलूरु – 560100 (कर्नाटक) के मान्यता क्षेत्र में दिनांक 28 जनवरी 2020 से परिवर्तन किया गया है।

प्रयोगशाला का मान्यता क्षेत्र अनुबंध 1 में संलग्न है।

ब्युटी कुमारी झा
वै-सी, प्रभा. अधि. (प्र. मा. योजना)

वै. एफ. एवं प्रमुख, बं. शा. प्र.

वै. एफ. एवं प्रमुख, एल पी पी डी

भारतीय मानक ब्यूरो के सभी क्षे. कार्यालय / शा. कार्यालय / प्रयोगशालाएं / सी एम डी - I , II , III

आई टी एस : कृपया इस परिपत्र को भारतीय मानक ब्यूरो के इंटरनेट पर अपलोड करें।

BUREAU OF INDIAN STANDARDS
BNBOL, BANGALORE

Our Ref: BNBOL/LRS/OSL-6126126

28 January 2020

Subject: Modification in Scope of Recognition of M/s TUV Rheinland (India) Pvt. Ltd., Bangalore

As approved by the Competent Authority, recognition of **M/s TUV Rheinland (India) Pvt. Ltd., # 27/B, 2nd Cross, Electronic City, Phase – 1, Bangalore – 560100 (Karnataka)** has been modified w.e.f. 28 January 2020.

The scope of recognition of the lab is enclosed as **Annexure 1**.

Beauty K Jha
Sc-C, OIC (LRS)

Sc-F & Head, BNBOL

Sc-F & Head, LPPD

All ROs/BOs/Labs/CMD-I/CMD-II/CMD-III

ITS, BIS HQs: Please upload the circular on BIS Intranet.

Annexure 1

Validity of Recognition		From 18.02.2019 to 17.02.2022		
OSL CODE	6126126	CONTACT	Shri Guruprasad B R Quality Management Representative- India	
NAME & ADDRESS	TUV Rheinland (India) Pvt. Limited. # 27/B, 2nd Cross, Electronic City, Phase-1, Bengaluru - 560100	TELEPHONE	080-46498000, 46498110 9620288803	
		FAX	080-46498042	
		E-mail	guruprasad.br@ind.tuv.com	
		REMARKS	Scope modified on 28 /01/2020	
S. No.	IS Number	Product	Testing Charges	Remarks
1	IS 302 (Part-1): 2008	Adapters for household and similar electrical appliances	Rs.48000/-	Scope restricted to test requirements of only Power adapters for Household and Similar Electrical appliances (With exclusion of Components as per cl.24.0)
2	IS 302 (Part 2/Sec 25):2014	Safety of Household and Similar electrical appliances, Part-2 Particular requirements, Section 25: Microwave ovens	Rs.102000/-	Excluding following tests: Automatic cord reel (cl.22.16); Oxygen bomb for rubber material (cl.22.32); Water pressure inlet (cl.22.47); Interlocks (cl.22.106); Flexing test (cl.23.3); Components (cl.24); Appliance for board ships (Annex BB)
3	IS 302 (Part 2/ Sec 26):2014	Safety of Household and Similar electrical appliances, Part-2 Particular requirements, Section 26: Clocks	Rs.94000/-	Excluding following tests: Automatic cord reel (cl.22.16); Oxygen bomb for rubber material (cl.22.32); Water pressure inlet (cl.22.47); Flexing test (cl.23.3); Components (cl.24)
4	IS 616:2017	Audio, video and similar Electronic Apparatus- Safety Requirements	(i) Rs.79000/- for Electronic video games; (ii) Rs.79000/- for plasma/LCD/LED TVs of screen size above 32"; (iii) Rs.79000/- for optical disc player with built in amplifier of input power 200W and above; (iv) Rs.79000/- for Amplifiers with input power 2000W and above; (v) Rs.79000/- for Electronic musical system with input power 200W and above; (vi) Rs.52000/- for Power adapters for audio video and similar Electronic Apparatus; (vii) Rs.79000/- for plasma/LCD/LED TVs of screen size up to 32"	Scope restricted to equipment not containing LED's producing optical radiation within Risk Group-3 limits specified in IEC 62471:2006 in a wavelength range 200 nm to 3000 nm Excluding following tests:: Ionizing radiation (cl.6.1); Laser Radiation (cl.6.2); Requirements for insulated winding wires for use without additional interleaved insulation (cl.8.16, cl.H.2.2 & cl.H.2.3); Wound Component (cl.8.16); Components (cl.14); Internal wires and power cords (cl.15); Cord Bending Test (cl.16.3b); Mechanical strength of Picture tubes and protection against the effect of implosion (cl.18); Printed Boards (cl.20.2.4)

5	IS 13252 (Part 1):2010	Information Technology Equipments- Safety- General Requirements	<p>(i) Rs.79000/- for non-industrial & Rs.99000/- for industrial Printers and Plotters;</p> <p>(ii) Rs.51000/- for Laptop/ Notebook; & Rs.36000/- for Tablets;</p> <p>(iii) Rs.79000/- for VDU, Video Monitors of screen size 32" and above;</p> <p>(iv) Rs.79000/-for non-industrial & Rs.99000/- for industrial Scanners;</p> <p>(v) Rs.36000/- for Wireless Keyboards;</p> <p>(vi) Rs.79000/- for Telephone Answering Machines;</p> <p>(vii) Rs.79000/- for Automatic Data Processing Machines; Rs.94000/- for Automatic Data Processing Machines(Server);</p> <p>(viii) Rs.39000/- for Set-top box;</p> <p>(ix) Rs.51000/- for Power Adapters for IT equipments;</p> <p>(x) Rs.36000/- for Mobile Phones;</p> <p>(xi) Rs.79000 for Cash Registers;</p> <p>(xii)Rs.79000/- for Point of Sale Terminals;</p> <p>(xiii) Rs.79000/- for Copying Machines / Duplicators;</p> <p>(xiv) Rs.79000/- for Smart Card Readers;</p> <p>(xv) Rs.79000/-for Mail Processing Postage/ Franking Machines;</p> <p>(xvi) Rs.79000/- for Passport Readers;</p> <p>(xvii) Rs.36000 for Power Banks for use in Portable Applications;</p> <p>(xviii) Rs.79000/- for VDU, Video Monitors of Screen Size up-to 32";</p> <p>(xix) Rs.79000/- for Projectors</p> <p>(xx) Rs.36000/- for CCTV Cameras/ Equipment for CCTV Cameras;</p> <p>(xxi) Rs.36000/- for USB Driven barcode Readers, Barcode Scanners, Iris Scanners, Optical Fingerprint scanners;</p> <p>(xxii) Rs.36000/- for Smart Watches</p>	<p>Excluding following tests:</p> <p>Components (cl.1.5);</p> <p>Interlock switches (cl.2.8.2/2.8.5);</p> <p>Switches and Relay (cl.2.8.7);</p> <p>Material Group and Comparative Tracking Index (cl.2.10.4.2);</p> <p>Insulating Compound as Solid Insulation (cl.2.10.5.3);</p> <p>Opto-coupler (cl.2.10.5.4);</p> <p>Thin sheet materials (cl.2.10.5.6);</p> <p>SMPS Transformer and Inductor (cl.2.10.5.11);</p> <p>Wires in wound components (cl.2.10.5.12);</p> <p>Winding wire(cl.2.10.5.13);</p> <p>PCB material (cl.2.10.6);</p> <p>Thermal conditioning (thermal ageing) (cl.2.10.8.2);</p> <p>Abrasion resistance test (cl.2.10.8.4);</p> <p>Thermal Cycling (cl.2.10.9);</p> <p>Test for Pollution Degree 1 environment and for insulating compound (cl.2.10.10);</p> <p>Tests for semiconductor devices and for cemented joints (cl.2.10.11);</p> <p>Enclosed and sealed parts (cl.2.10.12);</p> <p>Internal wire (cl.3.1.4);</p> <p>Appliance inlet /connector (cl.3.2.4);</p> <p>Non re-wirable plug with PVC sheathed cable (cl.3.2.5);</p> <p>Cathode Ray Tubes (cl.4.2.8);</p> <p>Batteries (cl.4.3.8);</p> <p>Dust, powders, liquids and gases (cl.4.3.10);</p> <p>Containers for liquids or gases (cl.4.3.11);</p> <p>Flammable liquids (cl.4.3.12);</p> <p>Ionizing radiation (cl.4.3.13.2);</p> <p>Effect of UV radiation on material/Ultraviolet conditioning test (cl.4.3.13.3/Annex Y);</p> <p>Human exposure to ultraviolet (UV) radiation (cl.4.3.13.4);</p> <p>LED, laser class (cl.4.3.13.5);</p> <p>Hot flaming oil test (Annex-A.3);</p> <p>Insulating winding wires for use without interleaved insulation (Annex-U);</p> <p>Evaluation of integrated circuit (IC) current limiters (Annex-CC);</p> <p>Thermal Control (Annex-K);</p> <p>Voltage Dependent Resistors (Annex-Q)</p>
6	IS 15885 (Part 2/Sec 13):2012	Safety of Lamp Controlgear Part 2 Particular Requirements Section	Rs.52000/-	<p>Amendment 1 included w.e.f 13.12.2017</p> <p>Excluding following tests:</p> <p>Enclosures (cl.16);</p>

		13 d.c. Supplied Electronic Controlgear for LED Modules		Bridging resistor in primary circuit (cl.16); Capacitor and RC units (cl.16); RF suppression (X-Y capacitors) (cl.16); Inductor (cl.16); MOV/VDR (cl.16); SMPS/Mains Transformer (cl.16); PCB material (cl.16); Metal base PCB for LED (cl.19); Transparent cover (cl.19); Bobbin (cl.19); Insulated tape (cl.16); Heat shrinkage sleeve (cl.16); Terminals (cl.19); Connector (cl.16); Fuse (cl.16); Internal wire (cl.16); LED (cl.16); Opto-coupler (cl.16); EMI/EMC filter (cl.16); Winding wire (cl.16); Thin sheet materials (cl.16)
7	IS 16046:2015	Secondary Cells and Batteries Containing Alkaline or Other Non-acid Electrolytes-Safety Requirements for Portable Sealed Secondary Cells, and for Batteries made from them, for Use in Portable Applications	Rs.79000/- for Secondary cells; Rs.74000/- for Secondary battery	IS valid up to 14/03/2020
8	IS16046 (Part 1):2018	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications (Nickel Systems)	Rs.88000/- for Secondary cells; Rs.83000/- for Secondary batteries	
9	IS16046 (Part 2):2018	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications (Lithium Systems)	Rs.88000/- for Secondary cells; Rs.93000/- for Secondary batteries	
10	IS 16242 (Part 1):2014 / IEC 62040-1:2008	Un-interruptible Power Systems (UPS) - Part 1 - General and Safety Requirements for UPS	Rs.102000/- For UPS of rating \leq 5kVA	Excluding following tests: Components (cl.4.5 / RD cl.1.5); SMPS/Main transformer (cl.2.10.5.11); PCB Material (cl.2.10.6); Non-rewirable plug with PVC sheathed

				cable (cl.3.2.5); Appliances inlets/connectors (cl.3.2.4); Semiconductor devices (cl.2.10.5.4); Winding wires (cl.2.10.5.13); Batteries (cl.4.3.8); Thin sheet material (cl.2.10.5.6); Switches & Relays (cl.5.6.1 / RD cl.2.8.7); Insulating Conductors (cl.6.1.1 / RD cl.3.1.4)
11	IS 16333 (Part 3):2017	Indian Language Support for Mobile Phone Handsets — Specific Requirements	Rs.15750/-	
12	IS 16169:2014	Test Procedure of Islanding Prevention Measures for Utility-Interconnected Photovoltaic Inverters	Rs. 4,50,000/-	Included w.e.f 28/01/2020 10% discount to BIS samples
13	IS 16221(Part-1): 2016	Safety of Power Converters for use in Photovoltaic Power Systems	Rs. 6,30,000/-	Included w.e.f 28/01/2020 10% discount to BIS samples Excluding following tests: Components (cl.14); UV exposure (cl.6.4); UV Resistance (cl.13.6.4); Ultraviolet light conditioning test (Annex J); Hot flaming oil test (cl.9.1.4.3)
14	IS 16221(Part-2): 2015	Safety of Power Converters for Use in Photovoltaic Power Systems	Rs. 2,20,000/-	Included w.e.f 28 /01/2020 10% discount to BIS samples Excluding following tests: Components (cl.14); UV exposure (cl.6.4); UV Resistance (cl.13.6.4); Ultraviolet light conditioning test (Annex J); Hot flaming oil test (cl.9.1.4.3)