



भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS
(उपभोक्ता मामले, खाद्य और सार्वजनिक वितरण मंत्रालय)
भारत सरकार
(Ministry of Consumer Affairs, Food & Public Distribution)
Government of India

प्रश्चिम क्षेत्रीय : 'मानकालय', ई-9, रोड नं.8,
प्रयोगशाला एमआईडीसी, अंधेरी (पूर्व), मुंबई - 400 093.
Western Regional : 'Manakalaya', E-9, Road No. 8,
Laboratory MIDC, Andheri (E), Mumbai - 400 093.

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Our Ref: WROL/LRS/OSL(7108424)

इ.आर.टी.एल.(प्रश्चिम)/ERTL (West)
प्राप्ती संख्या/Receipt No. 108
दिनांक/Date 24.5.18

BY SPEED POST/Email

23 May 2018

M/s Electronics Regional Test Laboratory (W),
Plot No. F 7&8, MIDC Area,
Opp. Seepz, Andheri(E),
Mumbai - 400 093

Kind Attn.: Sh. P. K. Dutta, Sc F and Director

Sub: Renewal of Recognition of your lab under BIS Lab Recognition Scheme

Dear Sirs,

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 **"Plot No. F 7&8, MIDC Area, Opp. Seepz, Andheri(E), Mumbai - 400 093"** has been renewed for a period of three years from **15 Sep 2017 to 14 Sep 2020** and the recognized scope of your lab is given in **Annex-1**.

The testing charges for product as per relevant Indian Standards, for which your laboratory is recognized, are indicated against each Indian Standard in **Annex-1** and shall be valid with immediate effect up to **14 Sep 2020**.

The recognition which is valid till **14 Sep 2020** shall stand automatically withdrawn unless renewed further subject to satisfactory performance of your laboratory based on periodic review / surveillance by BIS. The recognition shall also stand withdrawn if renewal is not sought by your laboratory in advance of the expiry date along-with the prescribed fee.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 Lab Recognition Scheme 2013 available at BIS website www.bis.org.in.

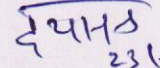
It may be noted that recognition is subject to complying with terms & conditions laid down in BIS Lab Recognition Scheme. In case your laboratory is found violating any of the provisions of the Scheme or the undertaking given by you, the recognition of your laboratory may be suspended or your lab may be derecognized by BIS.

Also Please note that this recognition does not bind BIS to make use of the facilities available in your laboratory; your services will be made use of as and when required, at the discretion of BIS.

Thanking you.

Encl: as above

Yours faithfully,


23/05/2018
(S. D. Dayanand)
Sc-E & HWROL



उत्पाद प्रमाणन / Product Certification



हालमार्क / Hall Mark



ईको मार्क / Eco Mark



पद्धति प्रमाणन / System Certification

मुख्यालय : मानक भवन, 9 बहादुर शाह जफर मार्ग, नई दिल्ली 110 002
Headquarters : Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi 110 002.

OSL CODE 7108424
 NAME Electronics Regional Test Laboratory (W)
 ADDRESS Plot No. F 7&8, MIDC Area, Opp SEEPZ
 Andheri (East)
 Mumbai 400093
 Maharashtra

CONTACT : Shri P. K. Dutta, Sc 'F' & Director
 TELEPHONE: 28236859, 28301138
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 E-mail ertlwest@stqc.nic.in
 REMARKS Scope modified on 23 May 2018

IS Number	Product	Testing Charge	Remark	
1	IS 302(Part 2/Sec 25): 2014	Safety of Household and Similar Electrical Appliances Part-2: Particular Requirements Section- 25: Microwave Ovens	Rs. 78, 000/-(Microwave Oven)	Excluding following Tests : 1. Automatic cord reels (Cl. 22.16), 2. Parts of natural or synthetic rubber ceramic material (Cl.22.32), 3. Softwares used in protective electronic circuits (Cl. 22.46), 4. Appliances intended to be connected to the water mains (Cl. 22.47), 5. Door interlock (Cl. 22.106), 6. Components (Cl.24) and with sub contracting of 1. Endurance test on Interlocks (Cl. 18.101) & 2. Mechanical strength on interlocks (Cl. 21.101) from M/s ETDC, Bengaluru 3. Supply connection & external flexible cable & cords (Cl. 25.14 from M/s ERTL (N), New Delhi.
2	IS 302(Part 2/Sec 26): 2014	Safety of Household and Similar Electrical Appliances Part-2: Particular Requirements Section-26 : Clocks	Rs. 45,500/-(Clock with mains power)	Excluding following Tests : 1. Automatic cord reels (Cl. 22.16), 2.Parts of natural or synthetic rubber ceramic material (Cl.22.32), 3. Softwares used in protective electronic circuits (Cl. 22.46), 4. Appliances intended to be connected to the water mains (Cl. 22.47), 5. Components (Cl.24) and with sub contracting of Supply connection & external flexible cable & cords (Cl. 25.14) from M/s ERTL (N), New Delhi.

IS Number	Product	Testing Charge	Remark
3	IS 616 : 2010 Audio, Video and Similar Electronic Apparatus - Safety Requirements	Rs. 78,000/- for Electronic Games(Video)[Mains operated], Rs. 45,000/- for Electronic Games(Video)[Battery operated], Rs. 78,000/- for Plasma/LCD/LED TV Screens size between 32" & 42", Rs. 1,10,500/- for Plasma/LCD/LED TV Screens size above 42", Rs. 78,000/- for Optical Disc Players with built-in amplifiers of input power 200W & above, Rs. 78,000/- for Amplifiers with input power 2000W & above, Rs. 78,000/- for Electronic Musical Systems with input power 200W & above, Rs. 45,500/- for Power adaptor for Audio, Video & similar Electronic apparatus. Power adaptors for Audio, Video & similar Electronic apparatus [NOTE: Charges included are for each model, for series formation 10% additional charges for each additional model covered in the series shall be charged]	Excluding following tests: 1. Products other than with laser system Class 1 (Cl. 6.2), 2. Endurance test for wound components with insulated winding wires without additional interleaved insulation (Cl. 8.18), 3. Disconnection from the MAINS (Cl. 8.19), 4. Remote control devices held in hand (Cl.12.3), 5. Printed boards (Cl. 13.5), 6. Enclosed and sealed parts (Cl. 13.7), 7. Components (Cl. 14.0), 8. Plugs & Sockets (Cl. 15.1), 9. TERMINALS for external flexible cords and for permanent connection to the MAINS supply (Cl. 15.3) 10. External flexible cords (Cl.16.1 & Cl. 16.3), 11. Mechanical strength of Picture tubes & protection against the effect of implosion (Cl.18), 12. Resistance to fire (Cl.20).
4	IS 8144 : 1997 MULTIPURPOSE DRY BATTERIES	Rs. 36,000/-	
5	IS 9128 : 1999 HEAVY-DUTY DRY BATTERIES	Rs. 36,000/-	
6	IS 11037 : 1984 ELECTRNIC TYPE FAN REGULATORS	Rs. 30,000/-	

IS Number	Product	Testing Charge	Remark
7 IS 13252(Part 1): 2010	Information Technology Equipment-Safety (General Requirements)	<p>Rs. 78,000/- for Laptop, Notebook, Rs. 45,500/- for Tablet, Rs. 78,000/- for VDU units, Video monitors of screen size 32" & 42", Rs. 1,10,500/- for VDU units, Video monitors of screen size above 42", Rs. 45,500/- for Printers, Plotters & Scanners of Paper size : A4 & Legal, Rs. 78,000/- for Printers, Plotters & Scanners of Paper size : A3, Rs. 1,10,500/- for Printers, Plotters & Scanners of Paper size : > A3, Rs. 45,500/- for Wireless Keyboards, Rs. 45,500/- for Telephone Answering Machine (Battery operated), Rs. 1,10,500/- for Telephone Answering Machine (Main operated), Rs. 45,500/- for Set Top Box (SD), Rs. 78,000/- for Set Top Box (HD), Rs. 78,000/- for Automatic Data Processing Machine, Rs. 1,10,500/- for Automatic Data Processing Machine(Servers), Rs. 45,500/- for Power adaptor for Audio & IT equipment, Rs. 45,500/- for Mobiles Phones, Rs. 78,000/- for Cash Registers, Rs. 78,000/- for Point of Sale Terminals, Rs. 45,500/- for Copying Machines/Duplicators of Paper size : A4 & Legal, Rs. 78,500/- for Copying boards & coated Machines/Duplicators of Paper size : A3, Rs. 1,10,500/- for Copying Machines/Duplicators of Paper size : >A3, Rs. 45,500/- for Smart Card Readers, Rs. 78,000/- for Mail Processing machines/ Postage Machines/ Franking Machines, Rs. 45,500/- for Passport Readers, Rs. 45,500/- for Power Banks for use in portable applications. [NOTE: Charges included are for each model, for series formation 10% additional charges for each additional model covered in the series shall be charged.]</p>	<p>Excluding following tests: 1. Components (Cl. 1.5), 2. Moving parts (Cl. 2.8.5), 3. Switches & Relays--- Overload test (Cl. 2.8.7.2), 4. Switches & Relays---Endurance test (Cl. 2.8.7.3), 5. Semiconductor devices (Cl. 2.10.5.4),6. Insulation in wound components (Cl. 2.10.5.11), 7. Wire in wound components (Cl. 2.10.5.12),8. Wire with solvent-based enamel in wound components (Cl. 2.10.5.13), 9. Additional insulation in wound components (Cl. 2.10.5.14), 10. Tests on coated printed boards and coated components---- Sample preparation and preliminary inspection (Cl. 2.10.8.1), 11. Tests on coated printed components---- Thermal Conditioning (Cl. 2.10.8.2), 12. Tests on coated printed boards & coated components---- Abrasion resistance (Cl. 2.10.8.4), 13. Thermal Cycling (Cl. 2.10.9), 14. Test for Pollution Degree 1 environment and for insulating compound (Cl. 2.10.10), 15. Tests for semiconductor devices and for cemented joints (Cl. 2.10.11), 16. Enclosed and sealed parts (Cl. 2.10.12), 17. Appliance inlets (Cl. 3.2.4), 18. Power Supply Cords (Cl. 3.2.5), 19. Mechanical strength test (Cathode ray tube) (Cl. 4.2.8), 20. Batteries (Cl. 4.3.8), 21. Dust, powders, liquids and gases (Cl. 4.3.10), 22. Flammable liquids (Cl. 4.3.12), 23. Effect of ultra(UV) radiation on material (Cl. 4.3.13.3), 24. Human Exposure to ultraviolet(UV) radiation (Cl. 4.3.13.4), 25. Laser (including LEDs) (Cl. 4.3.13.5), 26. Conditions for a fire enclosure (Cl. 4.7.2), 27. Materials (Cl. 4.7.3), 28. Motors (Cl. 5.3.2), 29. Transformers (Cl. 5.3.3), 30. Electromechanical components (Cl. 5.3.5), 31. Simulation of faults (Cl. 5.3.7), 32. Unattended equipment</p>
8 IS 13779 : 1999	AC STATIC WATTHOUR METERS,	<p>Rs. 90,000/- S ingle phase AC Static Watthour Meters of Class 1 & 2, Rs. 1,00,000/- Three phase AC Static Watthour Meters of Class 1 & 2.</p>	

IS Number	Product	Testing Charge	Remark
9	IS 14697 : 1999 ac Static Transformer Operated wathour meters & Var-Hour meters	Rs. 1,44,000/-	
10	IS 15884 : 2010 Alternating current direct connected static prepayment meters for active energy (Class 1 and 2)	Rs. 1,80,000/-	Sub contracting of Immunity to Electromagnetic HF fields(80 Mhz to 2000 Mhz) Test (Cl. 5.5.3) from M/s ETDC, Bengaluru.
11	IS 15885(Part 2/Sec 13): 2012 Safety of Lamp Controlgear Part 2 Particular Requirements Section 13 d.c. Supplied Electronic Controlgear for LED Modules	Rs. 45,500/-	Sub contracting of Immunity to Electromagnetic HF fields(80 Mhz to 2000 Mhz) Test (Cl. 5.5.3) from M/s ETDC, Bengaluru.
12	IS 16242(Part 1): 2014 Uninterruptible Power Systems (UPS) General and Safety Requirements	Rs. 78,000/-	Excluding following Tests : 1. Components (Cl. 4.5), 2. Protection of personal-safety Interlock (Cl. 5.6), 3. Mechanical strength (Cl. 7.3), 4. Resistance to fire (Cl.7.5)