



भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

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BY SPEED POST

Our Ref: WROL/LRS/ OSL (7121526)

26 Dec 2016

M/s Karandikar Laboratories Pvt. Ltd.

Gat No. 142, Boisar Chillar Road,
Boisar (East), Tal-Palghar
Thane-401501

Kind Attn.: Shri Ajit Karandikar, Director

Sub: Inclusion of IS 13252 (Part 1) : 2010, IS 616 : 2010, IS 10322 (Part 5 / Sec 1) : 2012 and IS 16102 (Part 1) : 2012 in the scope of recognition under BIS Lab Recognition Scheme 2013

Dear Sir,

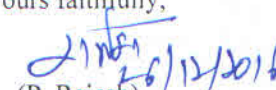
This has reference to the request of inclusion of Electronics field of your lab for considering inclusion of IS 13252 (Part 1) : 2010, IS 616 : 2010, IS 10322 (Part 5 / Sec 1) : 2012 and IS 16102 (Part 1) : 2012. We are pleased to inform you that as decided by the Competent Authority, IS 13252 (Part 1) : 2010, IS 616 : 2010, IS 10322 (Part 5 / Sec 1) : 2012 and IS 16102 (Part 1) : 2012 have been included in the recognized scope of your lab w.e.f. 23 Dec 2016. The approved scope and testing charges are as per Annex-1.

The other Terms & Conditions of BIS LRS 2013 remain same.

Please acknowledge the receipt of this letter.

Thanking you

Yours faithfully,


(P. Rajesh)
Head WROL

Encl.: As above

OSL CODE 7121526
 NAME Karandikar Laboratories Pvt Ltd.
 ADDRESS Gat No. 142, Boisar chillar Road ,
 Boisar (East), Tal- Palghar
 Thane 401501
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CONTACT : Shri Ajit Karandikar, Director
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 E-mail sales@karandikarlab.com
 REMARKS Scope modified on 26 Dec 2016

IS Number	Product	Testing Charge	Remark
1	IS 616 : 2010 Audio, Video and Similar Electronic Apparatus - Safety Requirements	Rs. 68,000/- for Electronic Games (Video), Optical Disc Players with build in amplifiers of input power 200W and above, Amplifiers with input power 2000W and above, Electronic Musical System with input power 200W and above, Power Adapters for Audio, Video and Similar Electronic Apparatus and Rs. 82,000/- for Plasma /LCD/LED TVs of screen size 32" above restricted to 65".	Included in the scope w.e.f. 26.12.2016. Exclusions : Cl. 6 Hazardous Radiations, Cl. 7.2 Vicat Softening Temperature, Cl. 8.17 Requirements for Insulated winding wires for use without additional interleaved insulation, Cl. 8.18 Endurance Test for wound components with insulated windings wires without additional interleaved insulation, Cl. 12.3 Tumbling Barrel Test, Cl. 13.5 Printed Boards, Cl. 14 Components, Cl. 18 Mechanical Strength of the picture tubes and protection against the effects of Implosion.
2	IS 10322(Part 5/Sec 1): 2012 Luminaires: Part 5 Particular requirements Sec 1 General purpose luminaires	Rs. 68,000/- per Sample.	Included in the scope w.e.f. 26.12.2016. Exclusions : Cl. 4.14 Suspensions and adjusting Devices, Cl. 4.24 UV Radiation, Cl. 4.26.2 Short circuit Protection, Cl. 17 Photometric Test, Annex A Photometric Data.
3	IS 13252(Part 1): 2010 Information Technology Equipment- Safety (General Requirements)	Wireless Keyboard : Rs. 48,000/-; Laptop/ Notebook/ Tablets : Rs. 78,000/- ; Visual Display Units/Video Monitors : Rs. 78,000/- ; Printers/Plotters : Rs. 78,000/- ; Scanners : Rs. 78,000/- ; Telephone Answering Machines : Rs. 78,000/- ; Set Top Box : Rs. 78,000/- ; Automatic Data Processing Machines : Rs. 78,000/- ; Power Adapters for IT Equipments : Rs. 48,000/- ; Mobile Phones : Rs. 48,000/- ; Cash Registers : Rs. 78,000/- ; Point of Sale Terminals : Rs. 88,500/- ; Copying Machine/ Duplicators : Rs. 78,000/- ; Smart Card Readers : Rs. 48,000/- ; Mail Processing Machine/Postage Machine/ Franking Machines : Rs. 78,000/- ; Passport Readers : Rs. 48,000/- ; Power Banks for use in portable applications : Rs. 78,000/-.	Included in the scope w.e.f. 26.12.2016. Exclusions : Cl. 1.5 Components, Cl. 2.8.5 Moving Parts, Cl. 2.8.7 Switches and Relays and Related circuits, Cl. 2.10.5.4 Semiconductor Devices, Cl. 2.10.8.4 Abrasion Resistance Test, Cl. 4.2.8 Cathode Ray Tube, Cl. 4.3.10 Gases, Cl. 4.3.12 Flammable Liquids, Cl. 4.3.13 Radiation, Cl. 4.6.2 Bottoms of fire Enclosure, Annex U Insulated Winding Wires for use, Annex Y Ultraviolet Light conditioning Test, Annex EE Household and Home/Office Document/media, Annex CC Evaluation of Integrated Circuit (IC)
4	IS 16102(Part 1): 2012 Self - Ballasted LED Lamps for General Lighting Services Part 1 Safety Requirements	Rs. 68,000/- per Sample.	Included in the scope w.e.f. 26.12.2016.

IS Number	Product	Testing Charge	Remark	
5	IS 60079(Part 1): 2007	IS/IEC 60079-1:2007 - Explosive atmospheres: Part 1 Equipment protection by flameproof enclosures "d"	(i) For Junction Box & Enclosures (Ex. Gas Testing) : Rs. 25,000/- upto 5 lit; Rs. 30,000/- above 5 lit to 15 lit; Rs. 50,000/- above 15 lit to 50 lit; (ii) For Plugs, Sockets, Bushings, Adaptors etc. : Rs. 4,500/- for 15 mm size; Rs. 7,500/- for 50 mm size; Rs. 8,500/- above 100 mm size; (iii) Rotating Electrical Machines : Rs. 28,500/- upto 112 frame size; Rs. 38,500/- from 112 to 280 frame size; Rs. 75,000/- for frame size 280 and above; (iv) Cable Gland : Rs. 15,000/- upto 2 inch entry size; Rs. 20,000/- for 2 to 5 inch entry size; Rs. 25,000/- for above 5 inch entry size; (v) Luminaries & Lamps : Rs. 18,000; Rs. 23,500/- for Sintered disc (less than 2 cm dia.); Rs. 27,500/- for Sintered disc (more than 2 cm dia.); Rs. 27,500/- for metal foam elements; Rs. 27,500/- for pressed metal wires; Rs. 31,500/- for Enclosures containing Breathing & Draining devices.	Additional Applicable test charges for General Requirements as per IS/IEC 60079 (Part 0) : 2007; Impact Test : Rs. 3,000/-; Degree of Protection : Rs. 6,850/- for Enclosures upto 10 lit; Rs. 8,750/- for Enclosures 10 to 20 lit; Rs. 12,500/- for Enclosure larger than 20 lit; Drop test (portable apparatus) Rs. 1,500/-; Temperature Classification : Rs. 14,500/-; Thermal Shock (Glass Parts); Rs. 3,000/-; Thermal Endurance to Heat/cold : Rs. 22,500/-; For Cable Gland : Cable Pull Test : Rs. 5,000/-; Torque Test : Rs. 2,000/- (Mandrel to be provided by manufacturer.) Drawing Verification : Rs. 12,500/-
6	IS 60079(Part 7): 2006	IS/IEC 60079-7:2006 - Explosive atmospheres: Part 7 Equipment protection by increased safety "e"	(i) For Junction Box & Enclosures : Rs. 12,500/- upto 5 lit; Rs. 17,500/- above 5 lit to 15 lit; Rs. 25,000/- above 15 lit to 50 lit; (ii) Rotating Electrical Machines : Rs. 50,000/- for low voltage less than 100kW capacity; Rs. 1,25,000/- for low voltage more than 100kW capacity; Rs. 1,75,000/- for high voltage capacity.	Additional Applicable test charges General Requirements as per IS/IEC 60079 (Part 0) : 2007 as listed against Sr. No. 1 ; and Exclusions: Cl. 5.7 Batteries, Cl. 6.3.3 Sulphur dioxide Test for the connection of bi-pin lamp caps to lamp holders, Cl. 6.3.4 Vibration test for Luminaries with bi-pin lamps, Cl. 6.6.3 Shock test, Cl. 6.6.4 Test for Ventilation of battery container.
7	IS 60079(Part 11): 2006	IS/IEC 60079-11-2006: Explosive atmospheres : Part 11 Equipment protection by intrinsic safety "I"	Rs. 48,500/- for Intrinsic Safe Circuits/ equipments having 1 intrinsically safe point; Additional charge of Rs. 8,500/- per point for each subsequent point.	Additional Applicable test charges General Requirements as per IS/IEC 60079 (Part 0) : 2007 as listed against Sr. No. 1 ; and Exclusion : Cl. 10.8 Type tests for diode safety barriers and safety shunt

IS Number	Product	Testing Charge	Remark
8 IS 60079(Part 18): 2009	Electrical apparatus for explosive gas atmospheres : Part 18 Construction, test and marking of type of protection encapsulation "m" electrical apparatus	Rs. 78,500/-	Included in the scope w.e.f. 18.11.2016. Additional Applicable test charges for General Requirements as per IS/IEC 60079 (Part 0) : 2007; Impact Test : Rs. 3,000/-; Degree of Protection : Rs. 6,850/- for Enclosures upto 10 lit; Rs. 8,750/- for Enclosures 10 to 20 lit; Rs. 12,500/- for Enclosure larger than 20 lit; Drop test (portable apparatus) Rs. 1,500/- ; Temperature Classification : Rs. 14,500/- ; Thermal Shock (Glass Parts); Rs. 3,000/-; Thermal Endurance to Heat/cold : Rs. 22,500/- ; For Cable Gland : Cable Pull Test : Rs. 5,000/-; Torque Test : Rs. 2,000/- (Mandrel to be provided by manufacturer.) Drawing Verification : Rs. 12,500/-
9 IS 60079(Part 31): 2008	Explosive Atmospheres : Part 31 Equipment Dust Ignition Protection by Enclosure t	Rs. 68,500/-	Included in the scope w.e.f. 18.11.2016. Additional Applicable test charges for General Requirements as per IS/IEC 60079 (Part 0) : 2007; Impact Test : Rs. 3,000/-; Degree of Protection : Rs. 6,850/- for Enclosures upto 10 lit; Rs. 8,750/- for Enclosures 10 to 20 lit; Rs. 12,500/- for Enclosure larger than 20 lit; Drop test (portable apparatus) Rs. 1,500/- ; Temperature Classification : Rs. 14,500/- ; Thermal Shock (Glass Parts); Rs. 3,000/-; Thermal Endurance to Heat/cold : Rs. 22,500/- ; For Cable Gland : Cable Pull Test : Rs. 5,000/-; Torque Test : Rs. 2,000/- (Mandrel to be provided by manufacturer.) Drawing Verification : Rs. 12,500/-