

# भारतीय मानक ब्यूरो

बं. शा. प्र., बंगलूरु

हमारा सन्दर्भ: BNBOL/LRS/OSL-6131326

19 अप्रैल 2018

विषय: भारतीय मानक 616:2017 का मै. सी एस ए इंडिया प्राइवेट लिमिटेड, बंगलूरु के मान्यता क्षेत्र में समावेश

सक्षम अधिकारी के अनुमोदन अनुसार भारतीय मानक 616:2017 का समावेश किये जाने के कारण मै. सी एस ए इंडिया प्राइवेट लिमिटेड, ब्येरिस ग्लोबल रिसर्च ट्राइंगल, ए-3, आइंस्टाईन बिल्डिंग, बिदाराहल्ली होबली, वाईटफील्ड आश्रम रोड, (एस एच-35), बेंगलोर – 560067 (कर्नाटक) के मान्यता क्षेत्र में दिनांक 19 अप्रैल 2018 से परिवर्तन किया गया है।

प्रयोगशाला का परिवर्तित मान्यता क्षेत्र **अनुबंध 1** में संलग्न है।

सु. कु. अरोड़ा  
वै बी एवं 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

प्रमुख, 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 (6101024)

19 April 2018

Subject: Inclusion of IS 616:2017 in the Scope of Recognition of M/s CSA India Private Limited, Bangalore.

As approved by the Competent Authority, due to inclusion of IS 616:2017, Scope of Recognition of M/s CSA India Private Limited, Beary's Global Research Triangle, A-3, Einstein Building, Bidarahalli Hobli Whitefield Ashram Road, (SH-35), Bangalore – 560067 (Karnataka) has been modified w.e.f. 19 April 2018.

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

S K Arora  
Sc-B, OIC (LRS)

Sc-F & Head, BNBOL

Sc-F & Head, LPPD

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

Head, ITS, BIS HQs: With a request to upload the circular on BIS Intranet please.

**Annexure-1**

**DATA ON OUTSIDE RECOGNIZED LABORATORIES**

From 09/06/2015 to 08/06/2018

**OSL CODE:** 6131326

**CONTACT:** Mr. Harsh Juneja,  
Lab Supervisor

**NAME & ADDRESS:** M/s CSA India Private Limited  
Beary's Global Research  
Triangle, A-3, Einstein Building,  
Bidarahalli Hobli,  
Whitefield Ashram Road,  
(SH 35), Bangalore – 560 067

**TELEPHONE:** 080-45340200,  
9900056802

**FAX:** --

**E-MAIL:** harsh.juneja@csagroup.org

**REMARKS:** Scope modified on  
19.4.2018

S. No.	IS Code	Product	Testing Charges	Remarks
1	IS 302 (Part 1):2008	Adapters for household and similar electrical appliances	Rs. 125000/-	Included w.e.f. 17.10.2017
2	IS 616:2010	Audio, Video and Similar Electronic Apparatus- Safety Requirements	Rs. 170000/- each for (i) Electronic video games; (ii) Plasma/ LCD /LED TVs of screen size 32" and above; (iii) Optical disc players with built-in amplifiers of input power 200W and above; (iv) Amplifiers with input power 2000W and above; (v) Electronic musical systems with input power 200W and above; (vi) Power adapters for audio, video & similar electronic apparatus (vii) Plasma/LCD/LED TVs of screen size up-to 32"	<b>Excluding following tests:</b> Hazardous radiations (cl.6); Heat resistance of insulating materials – Viket softening point (cl.7.2); Endurance test for wound components (cl.8.18); Non-separable thin sheet material (cl.8.22); Remote control devices held in hand (cl.12.3); Components (cl.14); External flexible cord (cl.16.1, 16.3); Mechanical strength of picture tube and protection against the effect of implosion (cl.18.0); Resistance to fire (cl.20, Annex G) <b>Sub-contracting of following test to M/s Spectro Analytical Labs Ltd, Greater Noida:</b> Vibration test (cl.8.11, 12.1.2); Surge test (cl.10.1); Transient voltages (cl.13.3.4); Determination of CTI rating (cl.13.4) Products from (i) to (vi) Included w.e.f. 02.02.2016; Product mentioned at (vii) included w.e.f. 17.10.2017

Rs. 170000/- each for  
 (i) Electronic video games;  
 (ii) Plasma/ LCD /LED TVs of screen size 32" and above;  
 (iii) Optical disc players with built-in amplifiers of input power 200W and above;  
 (iv) Amplifiers with input power 2000W and above;  
 (v) Electronic musical systems with input power 200W and above;  
 (vi) Power adapters for audio, video & similar electronic apparatus  
 (vii) Plasma/LCD/LED TVs of screen size up-to 32"

**IS included w.e.f. 19.4.2018;**  
 "Scope limited 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:**

Hazardous radiations (cl.6);  
 Heat resistance of insulating materials – Viket softening point (cl.7.2);  
 Endurance test for wound components (cl.8.18);  
 Non-separable thin sheet material (cl.8.22);  
 Remote control devices held in hand (cl.12.3);

**Printed Circuit Board (cl.13.5.2);**

Components (cl.14);  
 External flexible cord (cl.16.1, 16.3);  
 Mechanical strength of picture tube and protection against the effect of implosion (cl.18.0);  
 Resistance to fire (cl.20, Annex G)

**Sub-contracting of following test to M/s Spectro Analytical Labs Ltd, Greater Noida:**

Vibration test (cl.8.11, 12.1.2);  
 Surge test (cl.10.1);  
 Transient voltages (cl.13.3.4);  
 Determination of CTI rating (cl.13.4)  
 Products from (i) to (vi) Included w.e.f. 02.02.2016;  
 Product mentioned at (vii)

(i) Rs. 70000/- for Laptop/Notebook/Tablets;  
 (ii) Rs. 80000/- for Visual display units, Video monitors;  
 (iii) Rs. 80000/- for Printers and Plotters;  
 (iv) Rs. 70000/- for Scanners;  
 (v) Rs. 65000/- for Wireless keyboards;  
 (vi) Rs. 80000/- for Telephone answering machines;  
 (vii) Rs. 135000/- for Set top box;  
 (viii) Rs 80000/- for Automatic data processing machines;  
 (ix) Rs.75000/- for Power adapters for IT equipments;

**Excluding following tests:**

Components (cl.1.5);  
 Safety interlocks (cl.2.8);  
 External terminations (cl.2.10.7);  
 PCB testing (cl.2.10.8);  
 Power supply cords (cl.3.2.5);  
 Cathode ray tube (cl.4.2.8);  
 Batteries (cl.4.3.8);  
 Dust, powders, liquids and gases (cl.4.3.10);  
 Flammable liquids (cl.4.3.12);  
 Radiations (cl.4.3.13);  
 Materials (cl.4.7.3);  
 Unattended equipments (cl.5.3.8);  
 Hot flaming oil test (cl.4.6.2)

**Sub-contracting of following test to M/s Spectro Analytical Labs Ltd, Greater Noida:**

Transient Over-voltages (cl. 2.10.3.2, 2.10.3.6 to

			(x) Rs. 40000/- for Mobile phones; (xi) Rs. 70000/- for Cash registers; (xii) Rs. 75000/- for Point of sale terminals; (xiii) Rs. 75000/- for Copying machines/ duplicators; (xiv) Rs. 40000/- for Smart card readers; (xv) Rs. 70000/- for Mail processing/Postage/Franking machines; (xvi) Rs. 70000/- for Passport readers; (xvii) Rs. 65000/- for Power banks for use in portable applications; (xviii) Rs. 70000/- for Visual Display Units, Video Monitors of Screen Size up-to 32"; (xix) Rs. 90000/- for CCTV Cameras/Equipment for CCTV Cameras; (xx) Rs. 70000/- for USB Driven barcode Readers, Barcode Scanners, Iris Scanners, Optical Fingerprint scanners; (xxi) Rs. 70000/- for Smart Watches	2.10.3.9); Impulse test (cl. 6.2.2.1 and cl. 7.4.3); Voltage Surge test (cl.7.4.2); Operating Voltage Generated Externally (cl.2.3.5, 2.3.2.1); TNV Circuits (cl. 2.3, 2.3.1) as per Annex M; Material Group & Comparative Tracking Index (cl. 2.10.4.2); Needle Flame (cl. 4.6.2) & Glow Wire test (cl. 4.7.3.1) Products from (xviii) to (xxi) Included w.e.f. 17.10.2017;
5	IS 16102 (Part 1):2012	Self-Ballasted LED Lamps for General Lighting Services- Safety Requirements	Rs. 75000/-	Included w.e.f. 2.2.2016
6	IS 16333 (Part 3):2017	Indian Language Support for Mobile Phone Handsets	Rs. 25,000/-	Included w.e.f. 9.1.2018
7	IS 302 (part 2/Section 25):2014	Safety of Household & Similar Appliances, Part 2 – Particular Requirements, Section 25 – Microwave ovens	Rs. 2,00,000/-	Included w.e.f. 9.1.2018