

Government of India
Ministry of Consumer Affairs, Food and Public Distribution
Department of Consumer Affairs

LOK SABHA
STARRED QUESTION NO. *201
TO BE ANSWERED ON 03.12.2019

REVIEW OF STANDARDS

*201. SHRI GANESH SINGH:

Will the Minister of CONSUMER AFFAIRS, FOOD AND PUBLIC DISTRIBUTION
उपभोक्ता मामले, खाद्य और सार्वजनिक वितरण मंत्री be pleased to state:

- (a) the salient features of 'One Nation One Standard' and 'One Nation One Ration Card';
- (b) whether the Government has reviewed the 'Process of Making Standards', if so, the details thereof along with the improvement made in the implementation and enforcement of the set standards;
- (c) whether the Government has set the standards as per global benchmarks on the lines of standards enforced by other countries on imported products;
- (d) if so, whether foreign goods coming into India comply with Indian standards; and
- (e) whether the Government is aware of the problem of non-standard medical devices coming into the market and if so, the details thereof along with the action taken in this regard?

ANSWER

उपभोक्ता मामले, खाद्य और सार्वजनिक वितरण मंत्री
(श्री राम विलास पासवान)

THE MINISTER OF
CONSUMER AFFAIRS, FOOD AND PUBLIC DISTRIBUTION
(SHRI RAM VILAS PASWAN)

(a) to (e) : A Statement is laid on the Table of the House.

STATEMENT REFERRED IN REPLY TO PARTS (a) TO (e) OF LOK SABHA STARRED QUESTION NO.*201 FOR 03.12.2019 REGARDING REVIEW OF STANDARDS.

(a): The pioneering effort to have 'One Nation, One Standard' envisages to harmonize the standardization activity in the country by recognizing/accrediting the various Standard Developing Organizations (SDOs) in the country and converging all the standards into National Standards thereby ensuring that there is only one national standard for one product/process/service in the country. In this regard, a meeting was held on 2-12-19 with various stakeholders.

With a view to sustain the reforms in Public Distribution System (PDS), brought in by the scheme on 'End-to-End Computerization of PDS Operations' and to further introduce new reforms, the Department of Food & Public Distribution, in association with all State/UT Governments has started the implementation of nation-wide portability of the benefits under National Food Security Act, 2013 (NFSA) i.e. eligible households/beneficiaries covered under NFSA would be able to lift their entitled food grains from any Fair Price Shop (FPS) in the country by using the same ration card after biometric/Aadhaar authentication on electronic Point of Sale (ePoS) device at an FPS of Destination/Sale State through 'One Nation One Ration Card' Plan. The facility of inter-State portability under this initiative would be available only through the FPSs having fully online ePoS devices. This system would largely benefit the numerous migratory beneficiaries such as labourers, daily wagers, blue-collar workers, etc. who frequently change their place of dwelling in search of employment or for other reasons across the country.

(b) : The Department of Consumer Affairs has reviewed the process of making standards on 12 September 2019 and has directed BIS to develop roadmap for implementation of 'One Nation, One Standard'.

BIS is operating product certification scheme as per the provisions of BIS (Conformity Assessment) Regulations, 2018. Under these regulations Scheme-I is Conformity Assessment scheme for Grant of licence to use or apply Standard Mark (ISI) on goods and articles manufactured in a manufacturing premises and conforming to requirements of Indian Standard. Licence to use the Standard Mark on a product is granted after assessment of the capability of the applicant through a visit to the manufacturing premises, to manufacture the product continuously in accordance with the relevant Indian Standard and quality control facilities including availability of test equipment and competent manpower. Conformity of the product to the relevant Indian standard is also verified through testing in the factory as well as complete testing in a third party laboratory. The manufacturer is required to operate a well-defined Scheme of Inspection and Testing and (SIT), which prescribes the specific tests as per relevant Indian standard and the frequency for conducting them.

BIS also carries out surveillance on the manufacturers holding BIS licence through visit to the factory premises at periodic intervals. During the surveillance, verification of the implementation of Scheme of Inspection and Testing and compliance of the product to relevant standard is verified. Product samples are also drawn and sent to third party laboratory for checking conformance to relevant standard. In addition, samples of the product bearing BIS standard mark are also purchased from the market and got tested at third party laboratory for checking conformance to relevant standard. Based on the non-conformance if any, observed from the test report, action is initiated against the manufacturer depending on the severity.

Whenever any Indian Standard is revised or amended, the licence holders are communicated regarding revision or amendment of the Indian Standard for which they are required to implement the same within the specified time limit.

(c) & (d) : BIS has formulated more than 20,000 Indian Standards covering products, method of test, code of practice etc., which are primarily voluntary in nature. Indian Standards are harmonized with International Standards, wherever possible. BIS has granted about 998 licence to overseas firms spreading across about 51 countries for various products as per Indian Standards.

The Central Government through issuance of various Quality Control Orders has brought 155 products (List enclosed at **Annexure-I**) under compulsory BIS certification and 50 Electronics, IT & Solar products under compulsory registration of BIS (List enclosed at **Annexure-II**).

According to these Quality Control Orders, the products specified therein shall conform to relevant Indian Standards and bear standard mark under a licence from BIS. Such products cannot be imported into the country without bearing the standard mark under a licence from BIS. It thus ensures that such products conforming to the relevant Indian Standards only can be imported

(e) : Central Drugs Standard Control Organization (CDSCO) under Ministry of Health and Family Welfare is the nodal regulatory agency for control of medical devices in the country as notified by the Medical Devices Rules, 2017 which stipulate the conformance of notified medical devices to Indian Standards, wherever available.

BIS has formulated 1338 Indian Standards relating to healthcare which include more than 1000 Standards on medical devices. All these standards have been adopted by CDSCO as per Medical Device Rules 2017. Presently, BIS certification is mandatory for three devices, namely clinical thermometers (IS 3055-1 &2) and X-Ray Equipment (IS 7620-1). The quality of these devices is monitored through surveillance audits and laboratory testing.

ANNEXURE REFERRED IN REPLY TO PARTS (c) & (d) OF LOK SABHA STARRED QUESTION NO.*201 FOR 03.12.2019 REGARDING REVIEW OF STANDARDS.**LIST OF PRODUCTS UNDER MANDATORY CERTIFICATION**

Sr No.	IS No.	Product
Cement - 13		
1.	IS 12330	Sulphate Resisting Portland Cement
2.	IS 12600	Low heat Portland Cement
3.	IS 1489 (Part 1)	Portland Pozzolana Cement-Part1 Fly-ash based
4.	IS 1489 (Part 2)	Portland Pozzolana Cement-Part 2 Calcined clay based
5.	IS 269	Ordinary Portland Cement
6.	IS 3466	Masonry Cement
7.	IS 455	Portland Slag Cement
8.	IS 6452	High Alumina Cement for Structural use
9.	IS 6909	Super sulphated cement
10.	IS 8041	Rapid hardening Portland cement
11.	IS 8042	White Portland Cement
12.	IS 8043	Hydrophobic Portland Cement
13.	IS 8229	Oil well Cement
Household Electrical goods - 16		
14.	IS 12640 (Part 1)	Residual current operated circuit breakers for house hold and similar uses-Part 1 Circuit breakers without integral overcurrent protection (RCCBs)
15.	IS 12640 (Part 2)	Residual current operated circuit breakers for household and similar uses-Part 2 Circuit breakers with integral overcurrent protection(RCVOs)
16.	IS 13010	AC watt-hour meters, class 0.5, 1 & 2
17.	IS 13779	AC static watt-hour meters, class 1 & 2
18.	IS 14697	AC static transformer operated watt-hour and VAR-hour meters, class 0.2S & 0.5S
19.	IS 15111 (Part 1 & 2)	Self Ballasted Lamps for General Lighting Services - Part 1 : Safety Requirements & Part 2 : Performance Requirements
20.	IS 302 (Part 2/Sec 3)	Safety of household and similar electrical appliances – Electric iron
21.	IS 302 (Part 2/Sec 201)	Safety of household and similar electrical appliances– Electric immersion water-heaters
22.	IS 302 (Part 2/Sec 202)	Safety of household and similar electrical appliances –Electric stoves
23.	IS 302 (Part 2/Sec 30)	Safety of household and similar electrical appliances-Room heaters
24.	IS 3854	Switches for domestic and similar purposes
25.	IS 418	Tungsten filament general service electric lamps (upto100 W)
26.	IS 694	PVC insulated cables for working voltages up to and including 1100V
27.	IS 8828 *	Electrical Accessories-Circuit breakers for overcurrent protection for household and similar installations
28.	IS 9968 (Part 1)	Elastomer insulated cables (Part.1): For working voltages up to and including1100 V
29.	IS 8144	Multi-purpose dry batteries
* Since revised as IS/IES 60898		

Food & Related Products - 15		
30.	IS 15757	Follow-up formula –complimentary foods
31.	IS 11536	Processed cereal based complementary foods
32.	IS 1165	Milk-powder
33.	IS 1166	Condensed milk, partly skimmed and skimmed condensed milk
34.	IS 12176	Sweetened ultra high temperature treated condensed milk
35.	IS 13334 (Part 1)	Skimmed milk-powder, standard grade
36.	IS 13334 (Part 2)	Skimmed milk-powder, extra grade
37.	IS 13428	Packaged Natural Mineral Water
38.	IS 14433	Infant milk substitutes
39.	IS 14542	Partly skimmed milk powder
40.	IS 14543	Packaged Drinking Water (Other than Packaged Natural Mineral Water)
41.	IS 1656	Milk-cereal based weaning foods
42.	IS 3470	Hexane, Food grade
43.	IS 14625	Plastic Feeding Bottles
44.	IS 5168	Glass Feeding Bottles
Oil Pressure Stoves - 3		
45.	IS 10109	Oil pressure stove, offset burner type
46.	IS 2787	Multi-burner oil pressure stoves
47.	IS 1342	Oil pressure stoves
Automobile Accessories - 19		
48.	IS 13098	Automotive vehicles –Tubes for pneumatic tyres
49.	IS 15627	Automotive vehicles– Pneumatic tyres for two and three-wheeled motor vehicles
50.	IS 15633	Automotive vehicles-Pneumatic tyres for passenger car vehicles– Diagonal and radial ply
51.	IS 15636	Automotive vehicles- Pneumatic tyres for commercial vehicles-Diagonal and radial ply
52.	IS 14899	Liquefied petroleum gas containers for automotive use
53.	IS 15100	Multifunction valve assembly for permanently fixed liquefied petroleum gas (LPG) containers for automotive use
54.	IS 3196 (Part 4)	Welded low carbon steel cylinders exceeding 5 litre Water capacity for low pressure liquefiable gases Part 4 Cylinders for toxic and corrosive gases
55.	IS 3196 (Part 1)	Welded low carbon steel gas cylinder exceeding 5 litre water capacity for low pressure liquefiable gases Part1 Cylinders for liquefied petroleum gas (LPG)
56.	IS 3196 (Part 2)	Welded low carbon steel gas cylinder exceeding 5-litre water capacity for low pressure liquefiable gases Part 2 Cylinders for liquefiable gases other than LPG.
57.	IS 3224	Valve fittings for compressed gas cylinder excluding liquefied petroleum gas cylinders
58.	IS 3745	Yoke Type Valve Connection for Small Medical Gas Cylinders
59.	IS 7142	Welded low carbon steel cylinders for low pressure liquefiable gases not exceeding 5 litre water capacity
60.	IS 7285 (Part 1)	Refillable Seamless steel gas cylinders Part1 Normalized steel cylinders
61.	IS 7285 (Part 2)	Refillable Seamless steel gas cylinders Part 2 Quenched and tempered steel cylinders with tensile strength less than 1100 MPa (112 kgf/mm ²)
62.	IS 7302	Valve fittings for gas cylinder valves for use with breathing apparatus
63.	IS 7312	Welded and seamless steel dissolved acetylene gas cylinders
64.	IS 8737	Valve fittings for use with liquefied petroleum gas cylinders of more than 5 litre water capacity Part 2 Valve fittings for newly manufactured LPG cylinders
65.	IS 8776	Valve Fittings for Use with Liquefied Petroleum Gas (LPG) Cylinders up to and Including 5-Litre Water Capacity

66.	IS 9798	Low pressure regulators for use with liquefied petroleum gas (LPG) mixtures
Medical Equipment - 3		
67.	IS 3055 (Part 1)	Clinical thermometers :Part1 Solid stem type
68.	IS 3055 (Part 2)	Clinical thermometers :Part 2 Enclosed scale type
69.	IS 7620 (Part 1)	Diagnostic Medical X-Ray Equipment
Steel Products - 72		
70.	IS 1785 (Part 1) : 1983	Plain Hard-drawn Steel Wire For Pre-stressed Concrete: Part 1 Cold Drawn Stress-relieved Wire
71.	IS 1785 (Part 2) : 1983	Plain hard-drawn steel wire for pre-stressed concrete Part 2: As drawn wire
72.	IS 6003:2010	Indented wire for Pre-stressed concrete
73.	IS 6006:2014	Uncoated stress relieved strand for Pre-stressed concrete
74.	IS 13620:1993	Fusion bonded epoxy coated reinforcing bars
75.	IS 14268:1995	Uncoated Stress Relieved Low Relaxation Seven-ply Strand For Pre-stressed Concrete
76.	IS 277:2003	Galvanized steel sheets (plain and corrugated)
77.	IS 2002:2009	Steel plates for pressure vessels for intermediate and high temperature service including boilers
78.	IS 2041:2009	Steel plates for pressure vessels used at moderate and low temperature
79.	IS 2830:2012	Carbon steel cast billet ingots ,billets, blooms and slabs for rerolling into steel for general structural purpose
80.	IS 1786:2008	High strength deformed steel bars and wires for concrete reinforcement.
81.	IS 648:2006	Cold rolled non-oriented electrical steel sheets and strip-fully processed type (CRNO)
82.	IS 3024:2015	Grain oriented electrical steel sheet & strip (CRGO)
83.	IS 15391:2003	Oriented Electrical Steel Sheet and Strip- Semi-Processed Type-Specification.
84.	IS 2062:2011	Hot rolled medium and high tensile structural steel
85.	IS 432 : Part 1:1982	Mild Steel and Medium Tensile Steel Bars and Hard-Drawn Steel Wire for Concrete Reinforcement: Part 1 Mild steel and medium tensile steel bars
86.	IS 432 : Part 2:1982	Mild steel and Medium Tensile steel bars and Hard-Drawn Steel Wire for Concrete Reinforcement: Part 2 Hard- Drawn Steel Wire
87.	IS 513 (Part-1): 2016	Cold reduced carbon steel sheets and strips Part 1 Cold Forming and Drawing Purpose
88.	IS 513 (Part-2): 2016	Cold reduced carbon steel sheets and strips Part 2 High Tensile and Multi-phase Steel
89.	IS 1079: 2017	Hot Rolled Carbon Steel Sheet, Plate and Strip — Specification
90.	IS 1875:1992	Carbon steel billets, blooms, slabs and bars for forgings
91.	IS 2879:1998	Mild steel for metal arc welding electrodes
92.	IS 3502:2009	Steel Chequered Plates
93.	IS 5872:1990	Cold Rolled Steel Strips (Box Strappings)
94.	IS 5986: 2017	Hot Rolled Steel Sheet, Plate and Strip for Forming and Flanging Purposes — Specification
95.	IS 6240:2008	Hot Rolled Steel Plate (up to 6 mm) Sheet and Strip for the Manufacture of Low Pressure Liquefiable Gas Cylinders
96.	IS 7283:1992	Hot Rolled bars for production of bright bars and machined parts for engineering applications
97.	IS 7887:1992	Mild steel wire rods for general engineering purposes
98.	IS 10748:2004	Hot Rolled Steel Strip for Welded Tubes and Pipes
99.	IS 11513:2017	Hot Rolled Carbon Steel Strip for Cold Rolling Purposes — Specification
100.	IS 15647:2006	Hot rolled steel narrow width strip for welded tubes and pipes
101.	IS 7904:2017	High carbon steel wire rods- Specification
102.	IS 14246:2013	Continuously pre-painted galvanized steel sheets and coils

103.	IS 15965:2012	Pre-painted aluminium zinc alloy metallic coated steel strip and sheet (Plain)
104.	IS 280: 2006	Mild steel wire for General Engineering purposes
105.	IS 1835:1976	Round Steel wire for ropes
106.	IS 3975:1999	Low Carbon Galvanized steel wires formed wires and Tapes for armouring of Cables
107.	IS 4368:1967	Alloy Steel billets, blooms and slabs for forging for general engineering purposes.
108.	IS 4454 (Part 1) : 2001	Steel wire for mechanical springs Part-1 cold drawn unalloyed steel wire.
109.	IS 4454 (Part 2): 2001	Steel wire for mechanical springs Part-2 oil hardened and tempered steel wire.
110.	IS 4824:2006	Bead Wires for Tyres
111.	IS 11169 (Part 1): 1984	Steels for Cold Heading/Cold extrusion application Part-1 Wrought carbon and low alloy steels
112.	IS 11587:1986	Structural Weather resistant steel.
113.	IS 15103: 2002	Fire resistant Steel- Specification
114.	IS 15914:2011	High Tensile Strength Flat Rolled Steel Plate (Up to 6 mm), Sheet and Strip for the Manufacture of Welded Gas Cylinder.
115.	IS 15961:2012	Hot Dip aluminium- Zinc alloy metallic coated steel strip and sheet (Plain)
116.	IS 15962:2012	Structural Steel for Building for Structures with improved seismic Resistance
117.	IS 6527:1995	Stainless Steel wire Rod
118.	IS 6528:1995	Stainless Steel Wires
119.	IS 6603:2001	Stainless Steel Bars and Flats
120.	IS 5522:2014	Stainless Steel sheets and strips for utensils- Specification
121.	IS 6911:2017	Stainless Steel Plate, Sheet and Strip- Specification
122.	IS 15997:2012	Low Nickel Austenitic Stainless Steel Sheet and Strip For Utensils and Kitchen Applications- Specification
123.	IS 1110 : 1990	Ferrosilicon – Specification
124.	IS 4409 : 1973	Specification for Ferronickel
125.	IS 1029 : 1970	Specification for Hot rolled steel strip (bailing)
126.	IS 2385 : 1977	Specification for Hot-rolled mild steel sheet and strip in coil form for cold-reduced tinplate and cold-reduced black plate
127.	IS 3039 : 1988	Specification for Structural steel for construction of hulls of ships
128.	IS 9550 2001	Bright steel bars - v Specification
129.	IS 3748 : 1990	Tool and die steels - Specification
130.	IS 5517 : 1993	Steel for hardening and tempering - Specification
131.	IS 7291 : 1981	Specification for High speed tool steels
132.	IS 7494 : 1981	Specification for Steel for valves for internal combustion engines
133.	IS 12146 : 1987	Specification for Carbon manganese steel forgings for pressure vessels
134.	IS 16585 : 2016	Magnetic materials – specification for individual material – Fe based amorphous strip delivered in the semi-processed state.
135.	IS 2831 : 2012	Carbon steel cast billet ingots, billets, blooms and slabs for re-rolling into structural steel (ordinary quality) - Specification
136.	-----	Stampings/laminations/cores of transformers (with or without winding)
137.	IS 8329	Centrifugally cast (spun) ductile iron pressure pipes for water, gas and sewage
138.	IS 9523	Ductile iron fittings for pressure pipes for water, gas and sewage
139.	IS 1161	Steel tubes for structural purposes
140.	IS 1239 (Part 1)	Steel Tubes, Tubulars and Other Wrought Steel Fittings - Part 1 : Steel Tubes
141.	IS 4270	Steel tubes used for water-wells (upto 200 mm dia)
Electrical Transformers - 1		
142.	IS 1180 (Part 1)	Out door type Oil immersed Distribution Transformers upto and including 2500 kVA, 33 KV-specification Part 1 Mineral oil immersed

Electrical Motors - 1		
143.	IS 12615	Energy Efficient Induction Motors-Three Phase Squirrel Cage
Capacitors – 3		
144.	IS 2993	A.C. motor capacitors
145.	IS 13340	Power Capacitors of Self-healing Type for AC Power Systems having Rated Voltage up to 650V
146.	IS 13585 Part 1	Shunt Power Capacitors of the Non-Self-Healing Type for AC System having a Rated Voltage up to and Including 1000V Part-1 General Performance, Testing and Rating Safety Requirements Guide for Installation and Operation
Chemical & Fertilizer - 6		
147.	IS 252:2013	Caustic Soda -Specification
148.	IS 10116:2015	Boric Acid – Specification
149.	IS 15573: 2018	Poly Aluminium Chloride
150.	IS 695:1986	Acetic Acid
151.	IS 2833:1973	Aniline
152.	IS 517:1986	Methanol
Kitchen Appliances - 2		
153.	IS 302 (Part 2/Section 14)	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines
154.	IS 4250	Domestic Electric Food Mixer (Liquidizers and Grinders) and Centrifugal Juicer
Domestic Water Heaters for use with LPG - 1		
155.	IS 15558	Instantaneous Domestic Water Heater for use with Liquefied Petroleum Gas

ANNEXURE REFERRED IN REPLY TO PARTS (c) & (d) OF LOK SABHA STARRED QUESTION NO.*201 FOR 03.12.2019 REGARDING REVIEW OF STANDARDS.**List of Electronics and IT Goods under 'Compulsory Registration Scheme' for Self Declaration of conformity**

Sl. No.	IS No.	Title	Product Category	
1.	IS 616	Audio, Video and Similar Electronic Apparatus - Safety Requirements	Electronic Games (Video)	<u>Electronics & Information Technology Goods (Requirements for Compulsory Registration) Order, 2012 Dated 03rd October 2012</u> <u>Notification No. S.O. 2357(E) dated 07 September 2012</u> Subsequent Amendments <u>Notification No. S.O. 822(E) dated 20 March 2013</u> <u>S.O. 2033(E) dated 02 July 2013</u> <u>S.O. 2034(E) dated 25 June 2013</u>
2.	IS 13252 (Part 1)	Information Technology Equipment - Safety - General Requirements	Laptop/Notebook/Tablets	
3.	IS 616	Audio, Video and Similar Electronic Apparatus - Safety Requirements	Plasma/ LCD/LED Televisions of screen size 32" & above	
4.	IS 616	Audio, Video and Similar Electronic Apparatus - Safety Requirements	Optical Disc Players with built in amplifiers of input power 200W and above	
5.	IS 302-2-25	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 25 Microwave ovens	Microwave Ovens	
6.	IS 13252 (Part 1)	Information Technology Equipment - Safety - General Requirements	Visual Display Units, Video Monitors of screen size 32" & above	
7.	IS 13252 (Part 1)	Information Technology Equipment - Safety - General Requirements	Printers, Plotters	
8.	IS 13252 (Part 1)	Information Technology Equipment - Safety - General Requirements	Scanners	
9.	IS 13252 (Part 1)	Information Technology Equipment - Safety - General Requirements	Wireless Keyboards	
10.	IS 13252 (Part 1)	Information Technology Equipment - Safety - General Requirements	Telephone Answering Machines	
11.	IS 616	Audio, Video and Similar Electronic Apparatus - Safety Requirements	Amplifiers with input power 2000W and above	
12.	IS 616	Audio, Video and Similar Electronic Apparatus - Safety Requirements	Electronic Musical Systems with input power 200W and above	
13.	IS 302-2:26	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 26 Clocks	Electronic Clocks with Mains Powers	
14.	IS 13252 (Part 1)	Information Technology Equipment - Safety - General Requirements	Set Top Box	

15.	IS 13252 (Part 1)	Information Technology Equipment - Safety - General Requirements	Automatic Data Processing Machine	
16.	IS 13252 (Part 1)	Information Technology Equipment- Safety General Requirements	Power Adaptors for IT Equipments	<u>Electronics & Information Technology Goods (Requirements for Compulsory Registration) Order, 2012 Dated 13th November 2012</u>
17.	IS 616	Audio, Video and Similar Electronic Apparatus-Safety Requirements	Power Adaptors for Audio, Video & Similar Electronic Apparatus	
18.	IS 16242 (Part 1)	General and Safety Requirements for UPS	UPS/Invertors of rating $\leq 5kVA$	<u>Notification No. S.O. 2905(E) dated 07 November 2014</u>
19.	IS 15885 (Part 2/Sec 13)	Safety of Lamp Control gear Part 2 Particular Requirements Section 13 d.c. or a.c. Supplied Electronic Control gear for LED Modules	DC or AC Supplied Electronic Control gear for LED Modules	<u>Extension Order for Implementation of Compulsory Registration Order for Select Products included in Schedule of Gazette notified on 30.11.2014</u>
20.	IS 16046	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	Sealed Secondary Cells/Batteries containing Alkaline or other non-acid Electrolytes for use in portable applications	<u>Subsequent Amendments</u> <u>Notification No. S.O. 344(E) dated 30 November 2015</u>
21.	IS 16102(Part 1)	Self-Ballasted LED Lamps for General Lighting Services Part 1 Safety Requirements	Self-Ballasted LED Lamps for General Lighting Services	<u>S.O. 2578(E) dated 07 August 2015</u>
22.	10322 (Part 5/Sec 1)	Luminaries Part 5 Particular Requirements Sec 1 Fixed General purpose luminaries	Fixed General Purpose LED Luminaries	
23.	IS 13252 (Part 1)	Information Technology Equipment-Safety-General Requirements	Mobile Phones	
24.	IS 13252 (Part 1)	Information Technology Equipment-Safety-General Requirements	Cash Registers	
25.	IS 13252 (Part 1)	Information Technology Equipment-Safety-General Requirements	Point of Sale Terminals	
26.	IS 13252 (Part 1)	Information Technology Equipment-Safety-General Requirements	Copying Machines/Duplicators	
27.	IS 13252 (Part 1)	Information Technology Equipment-Safety-General Requirements	Smart Card Readers	
28.	IS 13252 (Part 1)	Information Technology Equipment-Safety-General Requirements	Mail Processing Machines/Postage Machines/Franking Machines	
29.	IS 13252 (Part 1)	Information Technology Equipment-Safety-General Requirements	Passport Reader	

30.	IS 13252 (Part 1)	Information Technology Equipment-Safety-General Requirements	Power Banks for use in portable applications	SO No. Nil dated 24th Oct 2016 Date of Implementation 1st July 2017	
31.	IS 16333 (Part-3)	Mobile Phone Handsets Part 3 Indian Language Support for Mobile Phone Handsets - Specific Requirements	Mobile Phones		
32	Recessed LED Luminaries	IS 10322 (Part 5/Section 2): 2012	Luminaires Part 5: Particular Requirements Section 2 Recessed Luminaires		SO 2742 (E), dated 17th August 2017
33	LED Luminaires for Road and Street lighting	IS 10322 (Part 5/Section 3): 2012	Luminaires - Part 5: Particular Requirements Section 3 Luminaires for Road and Street Lighting		
34	LED Flood Lights	IS 10322 (Part 5/Section 5): 2013	Luminaires - Part 5: Particular Requirements Section 5 Flood Lights		
35	LED Hand lamps	IS 10322 (Part 5/Section 6): 2013	Luminaires - Part 5: Particular Requirements Section 6 Hamp Lamps		
36	LED Lighting Chains	IS 10322 (Part 5/Section 7): 2013	Luminaires - Part 5: Particular Requirements Section 7 Lighting Chains		
37	LED Luminaires for Emergency Lighting	IS 10322 (Part 5/Section 8): 2013	Luminaires - Part 5: Particular Requirements Section 8 Luminaires for Emergency Lighting		
38	UPS/Inverters of rating $\leq 10\text{kVA}$	IS 16242 (Part 1):2014	General and Safety Requirements for UPS		
39	Plasma/ LCD/LED Television of screen size up-to 32"	IS 616:2010	Audio, Video and Similar Electronic Apparatus - Safety Requirements		
40	Visual Display Units, Video Monitors of screen size up-to 32"	IS 13252 (Part 1):2010	Information Technology Equipment –Safety General Requirements		
41	CCTV Cameras/CCTV Recorders	IS 13252 (Part 1):2010	Information Technology Equipment –Safety General Requirements		
42	Adapters for household and similar electrical appliances	IS 302 (Part 1): 2008	Safety of Household and similar electrical appliances Part 1 General requirements		
43	USB driven Barcode readers, barcode scanners, Iris scanners, Optical fingerprint scanners	IS 13252 (Part 1):2010	Information Technology Equipment –Safety General Requirements		
44	Smart watches	IS 13252 (Part 1):2010	Information Technology Equipment –Safety General Requirements		

List of Solar Photovoltaics, Systems, Devices and Components under Compulsory Registration Scheme

Sr. No.	IS No.	Title	Product Category	For Notification Details Please click on the given link
1.	IS 14286	Crystalline Silicon Terrestrial Photovoltaic (PV) modules - Design Qualification And Type Approval	Crystalline Silicon Terrestrial Photovoltaic (PV) modules (Si wafer based)	Solar Photovoltaics, Systems, Devices & Components Goods (Requirements for compulsory Registration) Order, 2017 <u>S.O. 2920(E)</u> <u>S.O . 5259 (E)</u> Date of implementation 01/01/2019 For Sr No. 3, date of implementation is 01/01/2019 without fire test.
2.	IS 16077	Thin-Film Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval	Thin-Film Terrestrial Photovoltaic (PV) Modules (a-Si, CiGs and CdTe)	
3.	IS/IEC 61730 (Part 1) IS/IEC 61730 (Part 2)	Photovoltaic (PV) Module Safety Qualification Part 1 Requirements for Construction Photovoltaic (PV) Module Safety Qualification Part 2 Requirements for Testing	PV Module (Si wafer and Thin film)	
4.	IS 16221 (Part 2)	Safety of Power Converters for use in Photovoltaic Power Systems Part 1- General Requirements Safety of Power Converters for Use in Photovoltaic Power Systems Part 2-Particular Requirements for Inverters	Power converters for use in photovoltaic power system	
5.	IS 16169	Test Procedure of Islanding Prevention Measures for Utility-Interconnected Photovoltaic Inverters	Utility – Interconnected Photovoltaic inverters	
6.	IS 16270	Secondary Cells and Batteries for Solar Photovoltaic Application General-Requirements and Methods of Test	Storage battery	
