

**GOVERNMENT OF INDIA  
MINISTRY OF COMMERCE & INDUSTRY  
DEPARTMENT OF INDUSTRIAL POLICY & PROMOTION**

**LOK SABHA**

**UNSTARRED QUESTION NO.171.  
TO BE ANSWERED ON MONDAY, THE 18<sup>TH</sup> JULY, 2016.**

**STANDARDISATION OF QUALITY OF PRODUCTS**

**171. SHRI VINAYAK BHAURAO RAUT:  
SHRI ANANDRAO ADSUL:  
SHRI SHRIRANG APPA BARNE:**

Will the Minister of **COMMERCE AND INDUSTRY** be pleased to state:

**वाणिज्य एवं उद्योग मंत्री**

- (a) whether the Government is looking to identify products that endanger the environment and the safety, security and health of human beings in order to push product standardisation;
- (b) if so, whether the Ministry has prepared any list of such commodities which can be regularised for products quality;
- (c) if so, the details thereof; and
- (d) the action plan formulated by the Government in this regard?

**ANSWER**

**वाणिज्य एवं उद्योग राज्यमंत्री (स्वतंत्र प्रभार)(श्रीमती निर्मला सीतारमण)  
THE MINISTER OF STATE (INDEPENDENT CHARGE)  
OF THE MINISTRY OF COMMERCE & INDUSTRY  
(SHRIMATI NIRMALA SITHARAMAN)**

**(a) to (d):** The Government has brought various products under compulsory BIS certification on the grounds of safety, security and health of human beings and protection of the environment. At present, 110 products are under compulsory BIS certification. The list of these products is placed at Annexure-I. Indian Standards for 7 more steel products have been notified to be brought under compulsory BIS certification w.e.f. 18 September 2016. The Government from time to time bring more products under compulsory BIS certification.

Further, 30 Electronic and Information Technology goods have been covered under compulsory registration scheme, on the grounds of electrical safety. The list of these products is placed at Annexure-II.

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**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF THE LOK SABHA UNSTARRED QUESTION NO. 171 FOR ANSWER ON 18.7.2016**

**LIST OF PRODUCTS UNDER MANDATORY CERTIFICATION**

<b>S.No.</b>	<b>IS No.</b>	<b>Product</b>
<b>Cement</b>		
1	IS 12269	Ordinary Portland Cement, 53 Grade
2	IS 12330	Sulphate Resisting Portland Cement
3	IS 12600	Low heat Portland Cement
4	IS 1489 (Part 1)	Portland Pozzolana Cement-Part1 Fly-ash based
5	IS 1489 (Part 2)	Portland Pozzolana Cement-Part 2 Calcined clay based
6	IS 269	Ordinary Portland Cement, 33 Grade
7	IS 3466	Masonry Cement
8	IS 455	Portland Slag Cement
9	IS 6452	High Alumina Cement for Structural use
10	IS 6909	Super sulphated cement
11	IS 8041	Rapid hardening Portland cement
12	IS 8042	White Portland Cement
13	IS 8043	Hydrophobic Portland Cement
14	IS 8112	Ordinary Portland Cement, 43 Grade
15	IS 8229	Oil well Cement
<b>Household Electrical goods</b>		
16	IS 12640 (Part-1)	Residual current operated circuit breakers for house hold and similar uses-Part 1 Circuit breakers without integral overcurrent protection (RCCBs)
17	IS 12640 (Part-2)	Residual current operated circuit breakers for household and similar uses-Part 2 Circuit breakers with integral overcurrent protection(RCVOs)
18	IS 13010	AC watt-hour meters, class 0.5, 1 & 2
19	IS 13779	AC static watt-hour meters, class 1 & 2
20	IS 14697	AC static transformer operated watt-hour and VAR-hour meters, class 0.2S & 0.5S
21	IS 15111 (Part 1 & 2)	Self Ballasted Lamps for General Lighting Services - Part 1 : Safety Requirements & Part 2 : Performance Requirements
22	IS 302 (Part 2/Sec3)	Safety of household and similar electrical appliances – Electric iron
23	IS 302 (Part 2/Sec-201)	Safety of household and similar electrical appliances- Electric immersion water-heaters
24	IS 302 (Part 2/Sec-202)	Safety of household and similar electrical appliances –Electric stoves
25	IS 302 (Part 2/Sec30)	Safety of household and similar electrical appliances-Room heaters
26	IS 3854	Switches for domestic and similar purposes
27	IS 418	Tungsten filament general service electric lamps (upto100 W )
28	IS 694	PVC insulated cables for working voltages up to and including 1100V
29	IS 8144	Multi-purpose dry batteries
30	IS 8828 *	Electrical Accessories-Circuit breakers for overcurrent protection for household and similar installations
31	IS 9968 (Part 1)	Elastomer insulated cables (Part.1): For working voltages up to and including1100 V

\*Since revised as IS/IEC 60898

<b>Food &amp; related products</b>		
32	IS 15757	Follow-up formula –complimentary foods
33	IS 11536	Processed cereal based complementary foods
34	IS 1165	Milk-powder
35	IS 1166	Condensed milk, partly skimmed and skimmed condensed milk
36	IS 12176	Sweetened ultra high temperature treated condensed milk
37	IS13334 (Part1)	Skimmed milk-powder, standard grade
38	IS13334 (Part 2)	Skimmed milk-powder, extra grade
39	IS 13428	Packaged Natural Mineral Water
40	IS 14433	Infant milk substitutes
41	IS 14542	Partly skimmed milk powder
42	IS 14543	Packaged Drinking Water (Other than Packaged Natural Mineral Water)
43	IS 1656	Milk-cereal based weaning foods
44	IS 3470	Hexane, Food grade
45	IS 14625	Plastic Feeding Bottles
46	IS 5168	Glass Feeding Bottles

### Oil Pressure Stoves

47	IS 10109	Oil pressure stove, offset burner type
48	IS 2787	Multi-burner oil pressure stoves
49	IS 1342	Oil pressure stoves
<b>Automobiles Accessories</b>		
50	IS 13098	Automotive vehicles –Tubes for pneumatic tyres
51	IS 15627	Automotive vehicles– Pneumatic tyres for two and three-wheeled motor vehicles
52	IS 15633	Automotive vehicles-Pneumatic tyres for passenger car vehicles– Diagonal and radial ply
53	IS 15636	Automotive vehicles- Pneumatic tyres for commercial vehicles-Diagonal and radial ply
<b>Cylinders, Valves and Regulators</b>		
54	IS 14899	Liquefied petroleum gas containers for automotive use
55	IS 15100	Multifunction valve assembly for permanently fixed liquefied petroleum gas (LPG) containers for automotive use
56	IS 3196 (Part4)	Welded low carbon steel cylinders exceeding 5 litre Water capacity for low pressure liquefiable gases Part 4 Cylinders for toxic and corrosive gases
57	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).
58	IS3196 (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
59	IS 3224	Valve fittings for compressed gas cylinder excluding liquefied petroleum gas cylinders
60	IS 3745	Yoke Type Valve Connection for Small Medical Gas Cylinders
61	IS 7142	Welded low carbon steel cylinders for low pressure liquefiable gases not exceeding 5 litre water capacity
62	IS 7285 (Part1)	Refillable Seamless steel gas cylinders Part1 Normalized steel cylinders
63	IS 7285 (Part2)	Refillable Seamless steel gas cylinders Part 2 Quenched and tempered steel cylinders with tensile strength less than 1100 MPa (112 kgf/mm <sup>2</sup> )

64	IS 7302	Valve fittings for gas cylinder valves for use with breathing apparatus
65	IS 7312	Welded and seamless steel dissolved acetylene gas cylinders
66	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
67	IS 8776	Valve Fittings for Use with Liquefied Petroleum Gas (LPG) Cylinders up to and Including 5-Litre Water Capacity
68	IS 9798	Low pressure regulators for use with liquefied petroleum gas (LPG) mixtures

#### Medical equipments

69	IS 3055 (Part1)	Clinical thermometers :Part1 Solid stem type
70	IS 3055 (Part 2)	Clinical thermometers :Part 2 Enclosed scale type
71	IS 7620 (Part 1)	Diagnostic Medical X-Ray Equipment
<b>Steel Products</b>		
72	IS 1785 (Part 1)	Plain Hard-drawn Steel Wire For Pre-stressed Concrete: Part 1 Cold Drawn Stress-relieved Wire
73	IS 1785 (Part 2)	Plain hard-drawn steel wire for pre-stressed concrete Part 2: As drawn wire
74	IS 1161	Steel tubes for structural purposes
75	IS1239 (Part 1)	Steel Tubes, Tubulars and Other Wrought Steel Fittings - Part 1 : Steel Tubes
76	IS 13620	Fusion bonded epoxy coated reinforcing bars
77	IS 14268	Uncoated Stress Relieved Low Relaxation Seven-ply Strand For Pre-stressed Concrete
78	IS 15391	Cold Rolled Non-Oriented Electrical Steel Sheet and Strip - Semi-Processed Type (For details of sizes, please refer to <i>Steel Quality Control Order at <a href="http://www.steel.gov.in">www.steel.gov.in</a></i> )
79	IS 1786	High strength deformed steel bars and wires for concrete reinforcement. (For details of sizes, please refer to <i>Steel Quality Control Order at <a href="http://www.steel.gov.in">www.steel.gov.in</a></i> )
80	IS 2002	Steel plates for pressure vessels for intermediate and high temperature service including boilers (For details of sizes, please refer to <i>Steel Quality Control Order at <a href="http://www.steel.gov.in">www.steel.gov.in</a></i> )
81	IS 2041	Steel plates for pressure vessels used at moderate and low temperature (For details of sizes, please refer to <i>Steel Quality Control Order at <a href="http://www.steel.gov.in">www.steel.gov.in</a></i> )
82	IS 2062	Hot rolled medium and high tensile structural steel (For details of sizes, please refer to <i>Steel Quality Control Order at <a href="http://www.steel.gov.in">www.steel.gov.in</a></i> )
83	IS 277	Galvanized steel sheets ( plain and corrugated)
84	IS 2830	Carbon steel cast billet ingots ,billets, blooms and slabs for rerolling into steel for general structural purpose (For details of sizes, please see <i>Steel Quality Control Order at <a href="http://www.steel.gov.in">www.steel.gov.in</a></i> )
85	IS 4270	Steel tubes used for water-wells (upto 200 mm dia)
86	IS 6003	Indented wire for Pre-stressed concrete
87	IS 6006	Uncoated stress relieved strand for Pre-stressed concrete
88	IS 648	Cold rolled non-oriented electrical steel sheets and strip-fully processed type (CRNO) (For details of sizes, please refer to <i>Steel Quality Control Order at <a href="http://www.steel.gov.in">www.steel.gov.in</a></i> )
89	IS 8329	Centrifugally cast (spun) ductile iron pressure pipes for water, gas and sewage

90	IS 9523	Ductile iron fittings for pressure pipes for water, gas and sewage
91	IS 3024	Grain oriented electrical steel sheet & strip (CRGO) (For details of sizes, please refer to <i>Steel Quality Control Order</i> at <a href="http://www.steel.gov.in">www.steel.gov.in</a> )
<b>Electrical Transformers</b>		
92	IS 1180 (Part-1)	Out door type Oil immersed Distribution Transformers upto and including 2500 kVA, 33 KV-specification Part 1 Mineral oil immersed

## Steel and Steel Products (Quality Control) Order, 2015

### (Implementation w.e.f 18/03/2016)

93	IS 432 : Part 1	Mild Steel and Medium Tensile Steel Bars and Hard-Drawn Steel Wire for Concrete Reinforcement: Part 1 Mild steel and medium tensile steel bars
94	IS 432 : Part 2	Mild steel and Medium Tensile steel bars and Hard-Drawn Steel Wire for Concrete Reinforcement: Part 2 Hard- Drawn Steel Wire
95	IS 2879	Mild steel for metal arc welding electrodes
96	IS 3502	Steel Chequered Plates
97	IS 5872	Cold Rolled Steel Strips (Box Strappings)
98	IS 6240	Hot Rolled Steel Plate (up to 6 mm) Sheet and Strip for the Manufacture of Low Pressure Liquefiable Gas Cylinders
99	IS 7887	Mild steel wire rods for general engineering purposes
100	IS 15647	Hot rolled steel narrow width strip for welded tubes and pipes

Some of the grades of following Indian Standards are under compulsory certification w.e.f. 18<sup>th</sup> March 2016. The other grades of the IS will be under compulsory certification w.e.f. 18<sup>th</sup> Sept 2016. ( Refer The Gazette of India, Ministry of Steel order no. S.O. 1149(E). dated 17<sup>th</sup> March 2016, Steel and Steel Products (Quality Control) (Amendment ) Order, 2016.

101	IS 513	Cold reduced low carbon steel sheets and strips
102	IS 1079	Hot Rolled Carbon Steel Sheet and Strip
103	IS 1875	Carbon steel billets, blooms, slabs and bars for forgings
104	IS 5986	Hot Rolled Steel Flat Products for Structural Forming and Flanging Purposes
105	IS 7283	Hot Rolled bars for production of bright bars and machined parts for engineering applications
106	IS 10748	Hot Rolled Steel Strip for Welded Tubes and Pipes
107	IS 11513	Hot Rolled Carbon Steel Strip For Cold Rolling Purposes

The following Indian Standards will be under compulsory certification w.e.f. 10<sup>th</sup> Sept 2016. (Refer The Gazette of India, Ministry of Steel order no. S.O. 2061(E). dated 10<sup>th</sup> June 2016, Stainless Steel Products (Quality Control) Order, 2016.

108	IS 5522	Stainless Steel Sheets and Strips for Utensils
109	IS 6911	Stainless Steel Plate, Sheet and Strip-Specification
110	IS 15997	Low Nickel austenitic Stainless Steel Sheet and Strip for Utensils and Kitchen Appliances- Specification

**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF THE LOK SABHA UNSTARRED QUESTION NO. 171 FOR ANSWER ON 18.7.2016**

**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)
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

<b>For implementation date for the following items please see Notification No. S.O. 2905(E) dated 07 November 2014</b>			
16.	IS 13252 (Part 1)	Information Technology Equipment-Safety General Requirements	Power Adaptors for IT Equipments
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 $\leq 5$ kVA
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
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
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
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

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