HOUSEHOLD ELECTRICAL GOODS / AMENDED

Quality Control Order for electrical wires, cables, appliances and protection devices

The 2003 order requires listed appliances, switches, lamps, circuit breakers, cables and meters to meet Indian Standards and carry the BIS Standard Mark.

THE ELECTRICAL WIRES, Cables, Appliances and Protection Devices and Accessories (Quality Control) Order, 2003 was issued as S.O. 189(E), dated February 17, 2003, under section 14 of the Bureau of Indian Standards Act, 1986; its amendments describe it as an order of the Ministry of Commerce and Industry (Department of Industrial Policy and Promotion). Its Schedule listed 24 items, from household appliances such as immersion water heaters, irons, stoves and radiators to switches, lamps, circuit breakers, fuses, switchgear, cables and watt-hour meters.

STANDARDS 17

IS: 302-2-201 (1992)	IS: 302-2-3 (1992)	IS: 302-2-202 (1992)
IS: 302-2-30 (1992)	IS: 3854: 1988	IS: 4949: 1968
IS 418	IS 15111 (Pt.1)	IS 15111 (Pt.2)
IS 8828	IS 12640 (Pt.1)	IS 12640 (Pt.2)
IS 694	IS 9968 (Pt.1)	IS 13010

KEY FACTS

ORDER

Electrical Wires, Cables, Appliances and Protection Devices and Accessories (Quality Control) Order, 2003

CAME INTO FORCE

With immediate effect for items at serial numbers 1 to 7 of the Schedule, and after a period of six months from the date of publication in the Official Gazette for items at serial numbers 8 to 24 (published February 17, 2003)

WHERE IT STANDS

Amended

REFERENCES

S.O. 2604(E)	Amended
S.O. 512(E)	Amended
S.O. 1172(E)	Amended
S.O. 1172(E)	Amended
S.O. 165(E)	Amended
S.O. 189(E)	In force

Quality Control Order for electrical wires, cables, appliances and protection devices

Electrical Wires, Cables, Appliances and Protection Devices and Accessories (Quality Control) Order, 2003 · Ministry of Commerce and Industry (Department of Industrial Policy and Promotion)

The Electrical Wires, Cables, Appliances and Protection Devices and Accessories (Quality Control) Order, 2003 was issued as S.O. 189(E), dated February 17, 2003, under section 14 of the Bureau of Indian Standards Act, 1986; its amendments describe it as an order of the Ministry of Commerce and Industry (Department of Industrial Policy and Promotion). Its Schedule listed 24 items, from household appliances such as immersion water heaters, irons, stoves and radiators to switches, lamps, circuit breakers, fuses, switchgear, cables and watt-hour meters.

No person may manufacture or store for sale, sell or distribute the listed items unless they conform to the specified standard and bear the Standard Mark of the Bureau under a licence. Manufacturers were to apply for a licence within forty five days of the order, and sub-standard or defective items are to be deformed beyond use and disposed of as scrap within three months. An Appropriate Authority may call for information and samples, inspect records, and search and seize. Items 1 to 7 came under the order with immediate effect and items 8 to 24 after six months from publication.

S.O. 165(E) of February 5, 2004 omitted serial numbers 8, 9 and 13 to 19 (self ballasted lamps, fuses and low voltage switchgear). S.O. 1172(E) of August 22, 2005 set out self ballasted lamps, Parts 1 and 2 (IS 15111), as serial numbers 8 and 9, from eighteen months after its publication. S.O. 512(E) of February 19, 2009 added a minimum power factor of 0.85 for the ballast and lamp combination from January 1, 2010.

S.O. 2604(E) of October 19, 2010 omitted from the export exclusion the words requiring a foreign buyer's specification to be not less than the Specified Standard. Its note also records an amendment, S.O. 2058(E) dated August 7, 2009, whose text is not in this record.

Order	Electrical Wires, Cables, Appliances and Protection Devices and Accessories (Quality Control) Order, 2003
Issued by	Ministry of Commerce and Industry (Department of Industrial Policy and Promotion)
Product group	Household Electrical goods
Where it stands	Amended
What it requires	No person may manufacture or store for sale, sell or distribute the scheduled electrical wires, cables, appliances, protection devices and accessories unless they conform to the Specified Standard and

	bear the Standard Mark of the Bureau of Indian Standards under a certification marks licence. Sub-standard or defective items, raw materials or components are to be deformed by the manufacturer beyond use and disposed of as scrap within three months.
Came into force	With immediate effect for items at serial numbers 1 to 7 of the Schedule, and after a period of six months from the date of publication in the Official Gazette for items at serial numbers 8 to 24 (published February 17, 2003)
Exemptions	Items required for export which conform to any specification required by the foreign buyer (the further words "and such specification shall not in any case be less than the Specified Standard" were omitted by S.O. 2604(E) in 2010)
Enforcement	An Appropriate Authority, being any officer not below the rank of an Under Secretary to the Government of India or an officer not below the rank of a General Manager, District Industries Centre of a State Government, appointed by notification, may call for information and samples, inspect records, and enter, search and seize; samples are tested in a laboratory approved by the Bureau of Indian Standards. The order does not name a penalty provision.

The products and their standards

Product	Indian Standard
Safety of household and similar electrical appliances – Electrical immersion water heaters	IS: 302-2-201 (1992)
Safety of household and similar electrical appliances – Electric Iron	IS: 302-2-3 (1992)
Safety of household and similar electrical appliances – Electric stoves	IS: 302-2-202 (1992)
Safety of household and similar electrical appliances – Electric radiators	IS: 302-2-30 (1992)
Switches for domestic and similar purposes	IS: 3854: 1988
2 Amp switches for domestic and similar purposes	IS: 4949: 1968
Tungsten Filament General Services Lamps	IS 418
Self ballasted lamps for general lighting services : Part 1 safety requirements	IS 15111 (Pt.1)
Self ballasted lamps for general lighting services : Part 2 performance requirements	IS 15111 (Pt.2)

Electrical Accessories - Circuit Breakers for over current protection for household and similar installations	IS 8828
Residual current operated circuit breakers for household and similar uses (Pt.1) : Circuit breakers without Integral overcurrent protection (RCCBs)	IS 12640 (Pt.1)
Residual current operated circuit breakers for household and similar uses – (Pt.2) : Circuit breakers with integral overcurrent protection (RCVOs)	IS 12640 (Pt.2)
PVC insulated cables for working Voltages upto and including 1100 V	IS 694
Elastomer insulated cables (Pt.1) : for working voltages upto and including 1100 V	IS 9968 (Pt.1)
AC Watt-hour meters, class 0.5, 1 & 2 (KWH)	IS 13010
AC static watt-hour meters, class 1 &2 (KWH)	IS 13779
AC static transformer operated watt-hour and VAR – hour meters, class 0.2S & 0.5S	IS 14697

Every notification on this order

Date	Notification	Status	What it did
October 21, 2010	S.O. 2604(E) PDF, 442 KB	Amended	The Electrical Wires, Cables, Appliances and Protection Devices and Accessories (Quality Control) Amendment Order, 2010, dated October 19, 2010, omitted from the export proviso to clause 3(1) the words "and such specification shall not in any case be less than the Specified Standard". It came into force on publication.
February 19, 2009	S.O. 512(E) PDF, 53 KB	Amended	The Electrical Wires, Cables, Appliances and Protection Devices and Accessories (Quality Control) Amendment Order, 2009, dated February 19, 2009, inserted a note under serial number 9 of the Schedule (self ballasted lamps for general lighting services) that the value of power factor of the combination of the ballast and the lamp shall be 0.85 minimum with effect from January 1, 2010. It came into force on publication.
August 23, 2005	S.O. 1172(E) PDF, 861 KB	Amended	The document filed under this entry is S.O. 1172(E) of August 22, 2005, the same notification as the next entry.
August 23, 2005	S.O. 1172(E) PDF, 861 KB	Amended	The Amendment Order, 2005, dated August 22, 2005, set out serial numbers 8 and 9 after serial number 7 of the Schedule: self ballasted lamps for general lighting services, Part 1 safety requirements (IS 15111 (Pt.1)) and Part 2 performance requirements (IS 15111 (Pt.2)). It was to come into force after eighteen months from the date of its publication in the Official Gazette.
February 5, 2004	S.O. 165(E) PDF, 500 KB	Amended	Dated February 5, 2004, it omitted serial numbers 8, 9 and 13 to 19 of the Schedule and the entries relating to them, with effect from the date of its publication in the Official Gazette.

February 19, 2003	S.O. 189(E) PDF, 3.2 MB	In force	Issued the Electrical Wires, Cables, Appliances and Protection Devices and Accessories (Quality Control) Order, 2003, dated February 17, 2003, under section 14 of the Bureau of Indian Standards Act, 1986, with a Schedule of 24 items: items 1 to 7 with immediate effect and items 8 to 24 after six months from publication.

Each notification is linked, as a PDF, in the list above.

IndusDesk

hello@indusdesk.com · +91 11 4141 3939

9th Floor, Hemkunt House, Rajendra Place, New Delhi, Delhi 110008, India

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