CABLES / IN FORCE

Quality Control Order for electric cables, including PVC, XLPE, mining and HFFR cables

The 2020 order requires ten kinds of electric cable, under thirteen Indian Standards, to bear the BIS Standard Mark from August 1, 2020, except exports.

THE CABLES (QUALITY Control) Order, 2020 was issued by the Ministry of Commerce and Industry (Department for Promotion of Industry and Internal Trade) as S.O. 280(E), dated January 21, 2020, under sub-sections (1) and (2) of section 16 read with sub-section (3) of section 25 of the Bureau of Indian Standards Act, 2016.

KEY FACTS

ORDER

Cables (Quality Control) Order, 2020

CAME INTO FORCE

With effect from 01.08.2020 (August 1, 2020)

WHERE IT STANDS

In force

REFERENCES

S.O. 280(E) — In force

STANDARDS 13

IS 1554 (Part 1) : 1988

Specification for PVC Insulated (Heavy Duty) Electric Cables Part 1 For Working Voltages up to and Including 1100 V

IS 1554 (Part 2) : 1988

Specification for PVC Insulated (Heavy Duty) Electric Cables Part 2 For Working Voltages from 3.3 kV up to and Including 11 kV

IS 7098 (Part 1) : 1988

Specification for Crosslinked Polyethylene Insulated PVC Sheathed Cables Part 1 for working voltages up to and including 1100 V

IS 7098 (Part 2) : 2011

Crosslinked polyethylene insulated Thermoplastics sheathed cables - Specification Part 2 for working voltages from 3.3

IS 7098 (Part 3) : 1993

Cross-Linked Polyethylene Insulated Thermoplastics Sheathed Cables Part 3 For Working Voltages

IS 14255 : 1995

Aerial Bunched Cables - For Working Voltages Up to and Including 1100 Volts – Specification

Quality Control Order for electric cables, including PVC, XLPE, mining and HFFR cables

Cables (Quality Control) Order, 2020 · Ministry of Commerce and Industry (Department for Promotion of Industry and Internal Trade)

The Cables (Quality Control) Order, 2020 was issued by the Ministry of Commerce and Industry (Department for Promotion of Industry and Internal Trade) as S.O. 280(E), dated January 21, 2020, under sub-sections (1) and (2) of section 16 read with sub-section (3) of section 25 of the Bureau of Indian Standards Act, 2016.

It covers ten kinds of cable against thirteen Indian Standards: heavy duty PVC insulated electric cables (IS 1554 Parts 1 and 2), cross-linked polyethylene insulated sheathed cables (IS 7098 Parts 1 to 3), aerial bunched cables (IS 14255), elastomer insulated cables (IS 9968 Part 2), thermocouple compensating cables (IS 8784), welding cables (IS 9857), elastomer insulated flexible cables for use in mines (IS 14494), flexible cables for miner’s cap lamps (IS 2593), shot firing cables (IS 5950) and halogen free flame retardant cables (IS 17048).

The cables must conform to the corresponding standard and bear the Standard Mark under a licence from the Bureau of Indian Standards, as per Scheme-I of Schedule-II of the Bureau of Indian Standards (Conformity Assessment) Regulations, 2018. The latest version of each standard, including amendments, applies from the date the Bureau notifies it. Goods meant for export are excluded. The Bureau is the certifying and enforcing authority; the order does not name a penalty provision.

The order was to come into force with effect from August 1, 2020. No amendment to the order appears in this record.

Order	Cables (Quality Control) Order, 2020
Issued by	Ministry of Commerce and Industry (Department for Promotion of Industry and Internal Trade)
Product group	Cables
Where it stands	In force
What it requires	The cables must conform to the corresponding Indian Standard in the order's table and bear the Standard Mark under a licence from the Bureau of Indian Standards, as per Scheme-I of Schedule-II of the Bureau of Indian Standards (Conformity Assessment) Regulations, 2018. The latest version of each standard, including amendments, applies from the date the Bureau notifies it.

Certification scheme	Scheme-I of Schedule-II of the Bureau of Indian Standards (Conformity Assessment) Regulations, 2018
Came into force	With effect from 01.08.2020 (August 1, 2020)
Exemptions	Goods or articles meant for export
Enforcement	The Bureau of Indian Standards is the certifying and enforcing authority. The order does not name a penalty provision.

The products and their standards

Product	Indian Standard	Title of the standard
Heavy Duty Electric Cables	IS 1554 (Part 1) : 1988	Specification for PVC Insulated (Heavy Duty) Electric Cables Part 1 For Working Voltages up to and Including 1100 V
Heavy Duty Electric Cables	IS 1554 (Part 2) : 1988	Specification for PVC Insulated (Heavy Duty) Electric Cables Part 2 For Working Voltages from 3.3 kV up to and Including 11 kV
Cross-linked Polyethylene Insulated Sheathed Cables	IS 7098 (Part 1) : 1988	Specification for Crosslinked Polyethylene Insulated PVC Sheathed Cables Part 1 for working voltages up to and including 1100 V
Cross-linked Polyethylene Insulated Sheathed Cables	IS 7098 (Part 2) : 2011	Crosslinked polyethylene insulated Thermoplastics sheathed cables - Specification Part 2 for working voltages from 3.3 kV up to and including 33 kV
Cross-linked Polyethylene Insulated Sheathed Cables	IS 7098 (Part 3) : 1993	Cross-Linked Polyethylene Insulated Thermoplastics Sheathed Cables Part 3 For Working Voltages from 66 kV Up to and Including 220 kV
Aerial Bunched Cables	IS 14255 : 1995	Aerial Bunched Cables - For Working Voltages Up to and Including 1100 Volts – Specification
Elastomer Insulated Cables	IS 9968 (Part 2) : 2002	Specification for Elastomer Insulated Cables Part 2 For Working Voltages form 3.3 kV Up to and Including 33 kV
Thermocouple Compensating Cables	IS 8784 : 1987	Specification for Thermocouple Compensating Cables
Welding Cables	IS 9857 : 1990	Welding Cables – Specification
Elastomer Insulated Flexible Cables for use in mines	IS 14494 : 2019	Elastomer Insulated Flexible Cables for Use in Mines – Specification
Flexible Cables for Miner's Cap Lamps	IS 2593 : 1984	Specification for Flexible Cables for Miner's Cap-Lamps
Shot Firing Cables	IS 5950 : 1984	Specification for Shot Firing Cables (for use other than in shafts)

Halogen Free Flame Retardant (HFFR) Cables	IS 17048 : 2018	Halogen Free Flame Retardant (HFFR) Cables for Working Voltages Up to and Including 1100 V – Specification

Every notification on this order

Date	Notification	Status	What it did
January 21, 2020	S.O. 280(E) PDF, 796 KB · Gazette	In force	Issued the Cables (Quality Control) Order, 2020, dated January 21, 2020, under sub-sections (1) and (2) of section 16 read with sub-section (3) of section 25 of the Bureau of Indian Standards Act, 2016, covering ten kinds of cable against thirteen Indian Standards, with effect from August 1, 2020.

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

Where a notification shows "Gazette", that links the Gazette of India's copy; ours was checked against it on October 20, 2026.

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