SOLAR DC CABLE AND FIRE SURVIVAL CABLE / IN FORCE

Quality Control Order for solar DC cables and fire survival cables

The 2023 order requires solar DC cable (IS 17293: 2020) and fire survival cable (IS 17505 (Part 1): 2021) to bear the BIS Standard Mark.

THE SOLAR DC CABLE AND Fire Survival Cable (Quality Control) Order, 2023 was issued by the Ministry of Commerce and Industry (Department for Promotion of Industry and Internal Trade) as S.O. 3807(E), dated August 24, 2023, and published in the Gazette of India on August 25, 2023. It covers solar DC cable, against IS 17293: 2020, Electric Cable for Photovoltaic Systems for rated voltage 1500 V DC, and fire survival cable, against IS 17505 (Part 1): 2021, Thermosetting Insulated, Fire Survival Cables for working voltages upto and including 1100 V AC and 1500 V DC.

KEY FACTS

ORDER

Solar DC Cable and Fire Survival Cable (Quality Control) Order, 2023

CAME INTO FORCE

On the expiry of six months from the date of publication of the notification in the Official Gazette (published August 25, 2023)

WHERE IT STANDS

In force

REFERENCES

S.O. 3807(E)	In force

STANDARDS 2

IS 17293: 2020

Electric Cable for Photovoltaic Systems for rated voltage 1500 V DC

IS 17505 (Part 1): 2021

Thermosetting Insulated, Fire Survival Cables for working voltages upto and including 1100 V AC and 1500 V DC

Quality Control Order for solar DC cables and fire survival cables

Solar DC Cable and Fire Survival Cable (Quality Control) Order, 2023 · Ministry of Commerce and Industry (Department for Promotion of Industry and Internal Trade)

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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. Goods manufactured domestically for export are excluded. The Bureau is the certifying and enforcing authority, and contraventions are punishable under the Bureau of Indian Standards Act, 2016.

The order was to come into force on the expiry of six months from the date of its publication in the Official Gazette. It sets no separate dates for small or micro enterprises. No amendment to the order appears in this record.

Order	Solar DC Cable and Fire Survival Cable (Quality Control) Order, 2023
Issued by	Ministry of Commerce and Industry (Department for Promotion of Industry and Internal Trade)
Product group	Solar DC Cable and Fire Survival Cable
Where it stands	In force
What it requires	Solar DC cables and fire survival cables must conform to the corresponding Indian 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, as notified by the Bureau, applies.
Certification scheme	Scheme-I of Schedule-II of the Bureau of Indian Standards (Conformity Assessment) Regulations, 2018
Came into force	On the expiry of six months from the date of publication of the notification in the Official Gazette (published August 25, 2023)
Exemptions	Goods or articles manufactured domestically for export

Enforcement	The Bureau of Indian Standards is the certifying and enforcing authority. Any person who contravenes the order is punishable under the provisions of the Bureau of Indian Standards Act, 2016.

The products and their standards

Product	Indian Standard	Title of the standard
Solar DC Cable	IS 17293: 2020	Electric Cable for Photovoltaic Systems for rated voltage 1500 V DC
Fire Survival Cable	IS 17505 (Part 1): 2021	Thermosetting Insulated, Fire Survival Cables for working voltages upto and including 1100 V AC and 1500 V DC

Every notification on this order

Date	Notification	Status	What it did
August 25, 2023	S.O. 3807(E) PDF, 639 KB · Gazette	In force	Issued the Solar DC Cable and Fire Survival Cable (Quality Control) Order, 2023, dated August 24, 2023, under section 16 of the Bureau of Indian Standards Act, 2016, to come into force on the expiry of six months from its publication in the Official Gazette.

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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