STEEL WIRES OR STRANDS, NYLON OR WIRE ROPES AND WIRE MESH / IN FORCE

Quality Control Order for steel wire ropes, strands, nylon ropes, barbed wire and gabions

From December 1, 2024, steel wires, strands, wire and nylon ropes and wire mesh must meet nine Indian Standards, later for small and micro enterprises.

THE MINISTRY OF Commerce and Industry (Department for Promotion of Industry and Internal Trade) first issued the Steel Wires or Strands, Nylon or Wire Ropes and Wire mesh (Quality Control) Order, 2023 as S.O. 5022(E), dated November 21, 2023, and published in the Gazette of India on November 22, 2023. It was to come into force six months after publication, nine months for small enterprises and twelve months for micro enterprises.

STANDARDS 9

IS 2266:2019 Steel Wire Ropes for General Engineering Purposes	**IS 2365:2018** Steel Wire Suspension Ropes for Lifts, Elevators and Hoists	**IS 1855:2022** Stranded steel wire ropes for winding and man - Riding haulages in mines
IS 1856:2005 Steel Wire Ropes for Haulage Purposes	**IS 2141:2000** Hot Dip Galvanized Stay Strand	**IS 4521:2001** Wire Ropes Used in Oil Wells and Oil Well Drilling
IS 6590:1972 Braided Nylon Ropes for Mountaineering	**IS 278: 2009** Galvanized Steel Barbed Wire for Fencing	**IS 16014:2018** Mechanically Woven, Double- Twisted, Hexagonal Wire Mesh Gabions, Revet Mattresses and Rock

KEY FACTS

ORDER

Steel Wires or Strands, Nylon or Wire Ropes and Wire mesh (Quality Control) Order, 2024

CAME INTO FORCE

The 2023 order (S.O. 5022(E)) was to come into force on the expiry of six month from the date of publication of the notification in the Official Gazette (published November 22, 2023). The 2024 order that superseded it (S.O. 2581(E)) came into force on the date of its publication in the Official Gazette (published July 4, 2024), save as otherwise provided; its Table sets the date of implementation in general (other than micro and small enterprises) as December 1, 2024

WHERE IT STANDS

In force

REFERENCES

S.O. 2581(E)	In force
S.O. 5022(E)	In force

Quality Control Order for steel wire ropes, strands, nylon ropes, barbed wire and gabions

Steel Wires or Strands, Nylon or Wire Ropes and Wire mesh (Quality Control) Order, 2024 · Ministry of Commerce and Industry (Department for Promotion of Industry and Internal Trade)

The Ministry of Commerce and Industry (Department for Promotion of Industry and Internal Trade) first issued the Steel Wires or Strands, Nylon or Wire Ropes and Wire mesh (Quality Control) Order, 2023 as S.O. 5022(E), dated November 21, 2023, and published in the Gazette of India on November 22, 2023. It was to come into force six months after publication, nine months for small enterprises and twelve months for micro enterprises.

S.O. 2581(E), dated July 3, 2024, superseded it with the Steel Wires or Strands, Nylon or Wire Ropes and Wire mesh (Quality Control) Order, 2024. It covers nine Indian Standards: steel wire ropes for general engineering purposes (IS 2266:2019), suspension ropes for lifts, elevators and hoists (IS 2365:2018), ropes for winding and man-riding haulages in mines (IS 1855:2022), ropes for haulage purposes (IS 1856:2005), hot dip galvanized stay strand (IS 2141:2000), wire ropes for oil wells and oil well drilling (IS 4521:2001), braided nylon ropes for mountaineering (IS 6590:1972), galvanized steel barbed wire for fencing (IS 278: 2009), and wire mesh gabions, revet mattresses and rock fall netting (IS 16014:2018).

The goods must conform to the corresponding standard and bear the Standard Mark under a licence from the Bureau of Indian Standards as per Scheme-1 of Schedule-II to the Bureau of Indian Standards (Conformity Assessment) Regulations, 2018. The order does not apply to goods manufactured domestically for export. The Bureau certifies and enforces, and contraventions are punishable under the Bureau of Indian Standards Act, 2016.

The 2024 order sets the date of implementation at December 1, 2024 in general, March 1, 2025 for small enterprises and June 1, 2025 for micro enterprises. No amendment to the 2024 order appears in this record.

Order	Steel Wires or Strands, Nylon or Wire Ropes and Wire mesh (Quality Control) Order, 2024
Issued by	Ministry of Commerce and Industry (Department for Promotion of Industry and Internal Trade)
Product group	Steel Wires or Strands, Nylon or Wire Ropes and Wire mesh
Where it stands	In force
What it requires	Steel wires or strands, nylon or wire ropes and wire mesh must conform to the corresponding Indian Standard in the Table and bear the Standard Mark under a licence from the Bureau of Indian

	Standards. The latest version of the standards, including amendments notified by the Bureau from time to time, applies.
Certification scheme	Scheme-1 of Schedule-II to the Bureau of Indian Standards (Conformity Assessment) Regulations, 2018
Came into force	The 2023 order (S.O. 5022(E)) was to come into force on the expiry of six month from the date of publication of the notification in the Official Gazette (published November 22, 2023). The 2024 order that superseded it (S.O. 2581(E)) came into force on the date of its publication in the Official Gazette (published July 4, 2024), save as otherwise provided; its Table sets the date of implementation in general (other than micro and small enterprises) as December 1, 2024
Small enterprises	Under the 2024 order, small enterprises from March 1, 2025 and micro enterprises from June 1, 2025. The superseded 2023 order had given small enterprises nine months and micro enterprises twelve months from publication.
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
Steel Wires or Strands, Nylon or Wire Ropes and Wire mesh	IS 2266:2019	Steel Wire Ropes for General Engineering Purposes
Steel Wires or Strands, Nylon or Wire Ropes and Wire mesh	IS 2365:2018	Steel Wire Suspension Ropes for Lifts, Elevators and Hoists
Steel Wires or Strands, Nylon or Wire Ropes and Wire mesh	IS 1855:2022	Stranded steel wire ropes for winding and man - Riding haulages in mines

Steel Wires or Strands, Nylon or Wire Ropes and Wire mesh	IS 1856:2005	Steel Wire Ropes for Haulage Purposes
Steel Wires or Strands, Nylon or Wire Ropes and Wire mesh	IS 2141:2000	Hot Dip Galvanized Stay Strand
Steel Wires or Strands, Nylon or Wire Ropes and Wire mesh	IS 4521:2001	Wire Ropes Used in Oil Wells and Oil Well Drilling
Steel Wires or Strands, Nylon or Wire Ropes and Wire mesh	IS 6590:1972	Braided Nylon Ropes for Mountaineering
Steel Wires or Strands, Nylon or Wire Ropes and Wire mesh	IS 278: 2009	Galvanized Steel Barbed Wire for Fencing
Steel Wires or Strands, Nylon or Wire Ropes and Wire mesh	IS 16014:2018	Mechanically Woven, Double- Twisted, Hexagonal Wire Mesh Gabions, Revet Mattresses and Rock Fall Netting and Other products for Civil Engineering Purposes (Galvanized Steel Wire or Galvanized Steel Wire with polymer coating)

Every notification on this order

Date	Notification	Status	What it did
July 3, 2024	S.O. 2581(E) PDF, 1.1 MB · Gazette	In force	Issued the Steel Wires or Strands, Nylon or Wire Ropes and Wire mesh (Quality Control) Order, 2024, dated July 3, 2024, in supersession of the 2023 order, for the same nine standards. It set the date of implementation at December 1, 2024 in general, March 1, 2025 for small enterprises and June 1, 2025 for micro enterprises.
November 21, 2023	S.O. 5022(E) PDF, 1.4 MB · Gazette	In force	Issued the Steel Wires or Strands, Nylon or Wire Ropes and Wire mesh (Quality Control) Order, 2023, dated November 21, 2023, requiring the goods to conform to nine Indian Standards and bear the Standard Mark, from six months after publication, nine months for small enterprises and twelve months for micro enterprises.

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.

IndusDesk

hello@indusdesk.com · +91 11 4141 3939

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

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