

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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भारतीय मानक मसौदा

लिफ्ट के लिए इस्पात के तार की रस्सियाँ — न्यूनतम अपेक्षाएँ

(IS 2365 का तीसरा पुनरीक्षण)

Draft Indian Standard

STEEL WIRE ROPES FOR LIFTS — MINIMUM REQUIREMENTS

(Third revision of IS 2365)

ICS 77.140.65; 91.140.90

Wire Ropes and Wire Products
Sectional Committee, MED 10

Last date for receipt of
comment is **21 June 2024**

NATIONAL FOREWORD

(Adoption clause to be added later)

This standard was first published in 1963 and subsequently revised in 1977 and 2018. The third revision of the standard has been brought out to adopt ISO 4344 : 2022 ‘Steel Wire Ropes for Lifts — Minimum Requirements’.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain terminologies and conventions are, however, not identical to those used in Indian Standard. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear, referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker, while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, the reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standard, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 6892-1 Metallic materials — Tensile testing — Part 1: Method of test at room temperature	IS 1608 (Part 1) : 2022/ ISO 6892-1 Metallic materials - Tensile testing - Part 1 : Method of test at room temperature	<i>Identical</i>

The technical committee has reviewed the provision of the following International Standards referred in this adopted standard and has decided that it is acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
ISO 2232	Round non-alloy steel wires for general purpose wire ropes, large diameter wire ropes and mine hoisting wire ropes — Specifications
ISO 3108	Steel wire ropes — Test method — Determination of measured breaking force
ISO 4101	Drawn steel wire for elevator ropes — Specifications
ISO 4345	Steel wire ropes — Fibre main cores — Specification
ISO 4346	Steel wire ropes for general purposes — Lubricants — Basic requirements
ISO 17893	Steel wire ropes — Vocabulary, designation and classification

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 2022 'Rules for rounding off numerical values (*second revision*)'. The number of significant places retained in the rounded-off value should be the same as that of the specified value in this standard.

NOTE: The technical content of the document has not been enclosed as these are identical with the corresponding ISO standard. For details, please refer to the corresponding **ISO 4344: 2022** or kindly contact:

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