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भारतीय मानक मसौदा

क्रेन — परीक्षण भार के लिए आवश्यकताएँ

(ISO 14518 का अधिग्रहण)

Draft Indian Standard

CRANES — REQUIREMENTS FOR TEST LOADS

(*Adoption of ISO 14518*)

ICS 53.020.20

Cranes, Lifting Chains and Related Equipment
Sectional Committee, MED 14

Last date for receipt of
comments is 10 March 2024

NATIONAL FOREWORD

(Adoption clauses to be added later)

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

- a) Wherever the words 'International Standard' appears 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.

Methods for composition and measurement of test loads, procedures for the application of test loads during the testing of cranes, are covered in this document.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, 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 4306-1 Cranes — Vocabulary — Part 1: General | IS 13473 (Part 1) : 2015/ISO 4306-1 : 2007, Cranes — Vocabulary Part 1 General | Identical |
| ISO 4310 Cranes — Test code and procedures | IS/ISO 4310 : 2009, Cranes — Test code and procedures | Identical |
| ISO 7363 Cranes and lifting appliances — Technical characteristics and acceptance documents | IS 14471 : 1997/ISO 7363 : 1986, Cranes and lifting appliances — Technical characteristics and acceptance documents | Identical |
| ISO 9373 Cranes and related equipment — Accuracy requirements for measuring parameters during testing (<i>Withdrawn</i>) | IS/ISO 9373 : 1989, Cranes and related equipment - Accuracy requirements for measuring parameters during testing (<i>Withdrawn</i>) | Identical |

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 the corresponding **ISO 14518: 2005** or kindly contact:

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