**IS 13371 : 2024**

**ISO 3455 : 2021**

***भारतीय मानक***

***Indian Standard***

|  |
| --- |
|  |

**जलमिति** — **सीधे खुले** टैंकों में

करंट-मीटरों **का अंशशोधन**

(दूसरा पुनरीक्षण)

**Hydrometry — Calibration of Current-Meters**

**in Straight Open Tanks**

*(Second Revision)*

ICS 17.120.20

© BIS 2024

|  |
| --- |
|  |

BUREAU OF INDIAN STANDARDS

MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG

NEW DELHI 110002

www.bis.gov.in www.standardsbis.in

**July 2024** **Price Group**

Hydrometry Sectional Committee WRD 01

NATIONAL FOREWORD

This Indian Standard (Second Revision) which is identical to ISO 3455 : 2021 ‘Hydrometry — Calibration of current-meters in straight open tanks’ issued by the International Organization for Standardization (ISO), was adopted by the Bureau of Indian Standards on the recommendation of the Hydrometry Sectional Committee and approval of the Water Resources Division Council.

This standard was originally published in 1992 based on ISO 3455 : 1976. The first revision was undertaken in 2014 to align it with the then latest version of ISO 3455 : 2007. This second revision has been undertaken to align it with the latest version of ISO 3455 : 2021.

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

1. Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
2. 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, reference to certain International Standards appears for which Indian Standard 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:

|  |  |  |
| --- | --- | --- |
| *International Standard* | *Corresponding Indian Standard* | *Degree of Equivalence* |
| ISO 772 Hydrometric  determinations — Vocabulary  and symbols | IS 1191 : 2016 Hydrometric  determinations — Vocabulary  and symbols (*second revision*) | Technically Equivalent to  ISO 772 : 2011 |
| ISO 2537 Hydrometry —  Rotating-element current-meters | IS 3910 : 2013 Hydrometry —  Rotating-element current-meters  (*second revision*) | Identical with  ISO 2537:2007 |

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.