

PROFORMA FOR ADOPTION OF DRAFT INDIAN STANDARD

BUREAU OF INDIAN STANDARDS

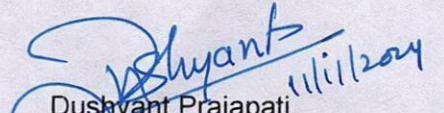
Subject: Approval of Draft Indian Standard

Sl No.	Doc. No.	IS No.	TITLE
1	WRD/01/20332	IS 13371 : 2024 ISO 3455 : 2021	Hydrometry — Calibration of Current-Meters in Straight Open Tanks (Second Revision)

In accordance with Part II, sub-rule (2) of rule 22 of BIS Rules 2018, I enclose a copy of the draft Indian Standard mentioned above finalized by the Sectional Committee WRD 01 and its Chairperson, in the light of comments received from important stake holders.

It is requested that this note and its enclosures may be returned to this office as early as possible recording your approval of the above draft Indian Standard.

Encl.: As above.


Dushyant Prajapati
Scientist E/ Director and Head
(Water Resources Department)

दुष्यन्त प्रजापति/DUSHYANT PRAJAPATI
वैज्ञानिक 'ई'/निदेशक एवं प्रमुख (जल संसाधन विभाग)
So. 'E' Director & Head (Water Resources Deptt.)
भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS
उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय
Ministry of Consumer Affairs, Food & Public Distribution
भारत सरकार/Government of India
९, बहादुरशाह जफर मार्ग, नई दिल्ली-110002
9, Bahadur Shah Zafar Marg, New Delhi-110002

Chairperson, Water Resources Division Council
BIS U.O. No. WRD 01/T-32
Dated:

APPROVED


(Chairperson)
Water Resources Division Council

राकेश कुमार वर्मा/Rakesh Kumar Verma
अध्यक्ष/Chairman
केन्द्रीय जल आयोग/Central Water Commission
जल शक्ति मंत्रालय/Ministry of Jal Shakti
जल संसाधन, नदी विकास और गंगा संरक्षण विभाग
Deptt. of Water Resources, RD & GR
भारत सरकार/Govt. of India
नई दिल्ली/New Delhi

भारतीय मानक
Indian Standard

IS 13371 : 2024
ISO 3455 : 2021

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

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भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS
मानक भवन, 9 बहादुर शाह ज़फर मार्ग, नई दिल्ली - 110002
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI - 110002
www.bis.gov.in www.standardsbis.in

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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 first 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 brought out 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:

- a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'; and
- 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, 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:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 772 Hydrometric determinations — Vocabulary and symbols	IS 1191 : 2016 Hydrometry — Vocabulary and symbols (<i>third revision</i>)	Technically Equivalent
ISO 2537 Hydrometry — Rotating-element current-meters	IS 3910 : 2013 Hydrometry — Rotating-element current-meters (<i>second revision</i>)	Identical

The Committee responsible for the preparation of this standard has reviewed the provisions of the following ISO/IEC standard and has decided that they are acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
ISO/IEC Guide 98-3 : 2008	Uncertainty of measurement — Part 3: Guide to the expression of uncertainty in measurement (GUM : 1995)

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.