

**PROFORMA FOR ADOPTION OF DRAFT INDIAN STANDARD**

**BUREAU OF INDIAN STANDARDS**

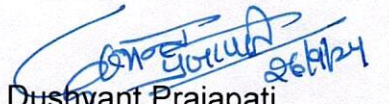
Subject: Approval of Draft Indian Standard

Sl. No.	Doc. No.	IS No.	TITLE
1	WRD/01/23721	IS 14869	Flow Measurement Structures — Rectangular, Trapezoidal and U-Shaped Flumes ( <i>Second Revision</i> )
2	WRD/01/21458	IS 12752	Hydrometric Determinations — Flow Measurement in Open Channels Using Structures — Guidelines for Selection of Structure ( <i>Second Revision</i> )

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.

  
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**Chairperson, Water Resources Division Council**  
**BIS U.O. No. WRD 01/T-39, T-29**  
**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  
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समलंबी और U-आकार अवनालिकाएँ  
(दूसरा पुनरीक्षण)

Flow Measurement Structures —  
Rectangular, Trapezoidal and  
U-Shaped Flumes  
(Second Revision)

ICS 17.120.20

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## NATIONAL FOREWORD

This Indian Standard (Second Revision) which is identical to ISO 4359 : 2022 'Flow measurement structures — Rectangular, trapezoidal and U-shaped flumes' 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 2000 based on ISO 4359 : 1983. The first revision was undertaken in 2016 to align it with the then latest version of ISO 4359 : 2013. This second revision has been brought out to align it with the latest version of ISO 4359 : 2022.

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' 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 Standards also exists. The corresponding Indian Standards, which are to be substituted in their place, are listed below along with their degree of equivalence for the edition indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 772 Hydrometry — Vocabulary and symbols	IS 1191 : 2016 Hydrometry — Vocabulary and symbols ( <i>third revision</i> )	Technically Equivalent

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.