

**BUREAU OF INDIAN STANDARDS**

DRAFT FOR COMMENTS ONLY

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# भारतीय मानक मसौदा

प्रवाह मापन संरचनाएं — आयताकार समलंबी और यू — आकार  
अवनालिका

(IS 14869 का दूसरा पुनरीक्षण)

*Draft Indian Standard*

**FLOW MEASUREMENT STRUCTURES — RECTANGULAR,  
TRAPEZOIDAL AND U-SHAPED FLUMES**

(Second Revision of IS 14869)

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Hydrometry Sectional Committee,  
WRD 01

Last Date for comments:  
07/12/2023

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## FOREWORD

(Adoption clauses of the foreword will be added later)

This Indian Standard (*second revision*) which is identical with ISO 4359 : 2013 'Flow measurement structures – Rectangular, trapezoidal and U-shaped flumes' issued by the International Organization for Standardization (ISO) is being 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 and subsequently revised in 2013 based on ISO 4359 : 2013. This second revision has been undertaken under dual numbering system 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'

- 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 appears to the following International Standard for which Indian Standard also exists. The corresponding Indian Standard, which is to be substituted in its place, is listed below along with its degree of equivalence for the edition indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 772 : 2011 Hydrometry – Vocabulary and symbols	IS 1191 : 2016 Hydrometry – Vocabulary and symbols (third revision)	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.