

OCT 2023

**BUREAU OF INDIAN STANDARDS**  
DRAFT FOR COMMENTS ONLY

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## भारतीय मानक मसौदा

हाइड्रोमीटरी — ध्वनिक डाप्लर प्रोफाइलर — खुले चैनल में प्रवाह  
माप की विधि और अनुप्रयोग

(IS 16275 का पहला पुनरीक्षण)

*Draft Indian Standard*

**HYDROMETRY — ACOUSTIC DOPPLER PROFILER — METHOD AND  
APPLICATION FOR MEASUREMENT OF FLOW IN OPEN CHANNELS**

*(First Revision of IS 16275)*

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Hydrometry Sectional Committee,  
WRD 01

Last Date for comments:  
20/12/2023

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### FOREWORD

*(Adoption clauses of the foreword will be added later)*

This Indian Standard which is identical with ISO/TR 24578 : 2012 'Hydrometry Acoustic Doppler profiler – Method and application for measurement of flow in open channels' 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.

ISO/TR 24578 : 2012 'Hydrometry Acoustic Doppler profiler – Method and application for measurement of flow in open channels' is now superseded by ISO 24578 : 2021 'Hydrometry Acoustic Doppler profiler – Method and application for measurement of flow in open channels from moving boat'. Therefore, this Indian Standard is also being taken up for the first revision to align with the latest development at ISO.

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:

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- 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 appear 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 editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 772 : 1996)* Hydrometry — Vocabulary and symbols	IS 1191 : 2003 Hydrometric determinations — Vocabulary and symbols (second 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.

\*IS 1191 : 2003 is under revision to align the Indian Standard with ISO 772 : 2022.