**IS 14615 (Part 4) : 2024**

**ISO 5167-4 : 2022**

 ***भारतीय मानक***

 ***Indian Standard***

|  |
| --- |
|  |

 **पूर्ण भरे बहाव वाली वृत्ताकार अनुप्रस्थ काट की वाहिकाओं में विभेदक दबाव उपकरणों**

**के माध्यम से द्रव प्रवाह मापन**

**भाग 4 वेन्चुरी नलिकाएं**

(**पहला पुनरीक्षण**)

 **Measurement of Fluid Flow by Means of Pressure Differential Devices Inserted In Circular**

 **Cross Section Conduits Running Full**

 Part 4 Venturi Tubes

 *(First Revision)*

 ICS 17.120.10

 © 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 (First Revision) which is identical to ISO 5167-4 : 2022 ‘Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full — Part 4 : Venturi tubes' 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 approved of the Water Resources Division Council.

This standard was originally published in 2018 based on ISO 5167-4 : 2003. This first revision has been undertaken to align it with the latest version of ISO 5167-4 : 2022.

This standard is being published in five parts. Other parts in the series are:

Part 1 General Principles and Requirements

Part 2 Orifice plates Part 3 Nozzles and Venturi nozzles

Part 5 Cone meters

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:

1. Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'; and
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 Standards also exist. 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:

|  |  |  |
| --- | --- | --- |
| *International Standard* | *Corresponding Indian Standard* | *Degree of Equivalence* |
| ISO 5167-1 : 2022 Measurement of fluid flow by means of pressuredifferential devices inserted in circular cross-section conduits running full — Part 1 : General principles and requirements | NA  | NA |

The technical 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:

|  |  |
| --- | --- |
| *International Standard* | *Title* |
| ISO 4006 : 1991 | Measurement of fluid flow in closed conduits — Vocabulary and symbols |

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.