
British Standard

Measurement of fluid flow in closed conduits

Part 2. Velocity-area methods

Section 2.4 Method of measurement of clean water flow using current meters in full conduits and under regular flow conditions

Mesure de débit des fluides dans les conduites fermées
Partie 2' Méthodes d'exploration du champ des vitesses
Section 2.4 Méthode de mesurage du débit d'eau propre à l'aide
de moulinets dans les conduites en charge et dans des conditions
d'écoulement régulier

Durchflußmessung in geschlossenen Rohrleitungen
Teil 2. Netzmessung in Strömungsquerschnitten
Abschnitt 2.4 Durchflußmessung mittels Meßflügel in von reinem
Wasser voll durchströmten Rohrleitungen bei gleichförmigen Durchflußbedingungen

National foreword

This Section of BS 1042 has been prepared under the direction of the Industrial-process Measurement and Control Standards Policy Committee. It is identical with ISO 3354 : 1988 (Second Edition) 'Measurement of clean water flow in closed conduits — Velocity-area method using current-meters in full conduits and under regular flow conditions' published by the International Organization for Standardization (ISO).

Cross-references

International standard	Corresponding British Standard
ISO 3455 : 1976	BS 3680 : 1980 Part 8C Calibration of rotating-element current meters in straight open tanks (Identical)
ISO 4006 : 1977	BS 5875 : 1980 Glossary of terms and symbols for measurement of fluid flow in closed conduits (Identical)
ISO 5168 : 1982	BS 5844 : 1980 Methods of measurement of fluid flow: estimation of uncertainty of a flow-rate measurement (Identical)
ISO 7194 : 1983	BS 1042 : Section 2.3 : 1984 Methods of flow measurement in swirling or asymmetric flow conditions in circular ducts by means of current-meters or Pitot static tubes (Identical)

Compliance with a British Standard does not of itself confer immunity from legal obligations.