

Australian Standard™

Measurement of water flow in open channels

Part 1: Vocabulary and symbols

[ISO title: Hydrometric determinations—Vocabulary and symbols]



This Australian Standard was prepared by Committee CE-024, Measurement of Water Flow in Open Channels and Closed Conduits. It was approved on behalf of the Council of Standards Australia on 29 September 2000 and published on 12 March 2001.

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Australian Water and Wastewater Association
Department of Natural Resources, Qld
Institute of Instrumentation and Control Australia
Department of Land and Water Conservation, New South Wales
Department of Public Works and Services, New South Wales
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Australian Standard™

**Measurement of water flow in open
channels**

Part 1: Vocabulary and symbols

Originated as AS 3778.1—1990.
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PREFACE

This Standard was prepared by the Standards Australia Committee CE-024, Measurement of Water Flow in Open Channels and Closed Conduits.

This Standard is identical to and is reproduced from ISO 772:1996, *Liquid flow measurement in open channels-Vocabulary and symbols*.

This Standard is Part 1 of AS 3778, *Measurement of water flow in open channels*, which is published in parts as follows:

AS

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3778.2	Part 2:	General
3778.2.1	Part 2.1:	Guidelines for the selection of methods of measurement
3778.2.2	Part 2.2:	Establishment and operation of a gauging station
3778.2.3	Part 2.3:	Determination of the stage-discharge relation
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3778.2.5	Part 2.5:	Guidelines for the selection of flow gauging structures
3778.3	Part 3:	Velocity-area method
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Measurement of water flow in open channels

Part 1: Vocabulary and symbols

Scope

This International Standard gives terms, definitions and symbols in English and French used in the field of hydrometric determinations.

Structure of the vocabulary

The terminology entries are presented in systematic order, grouped into sections according to particular methods of determination or in relation to particular subjects. Annex A lists the symbols used in this International Standard. Annex B refers the user to ISO 3454 for statistical terminology, and to ISO 5168 for more extensive information about the evaluation of uncertainties. An alphabetical index is included for each of the languages.

The structure of each entry is in accordance with ISO 10241:1992, *International terminology standards — Preparation and layout*. Country codes are in accordance with ISO 3166:1993, *Codes for the representation of names of countries*.

1 General terms

1.1 liquid flow

movement of a volume of a substance that is neither a solid nor a gas, that is practically incompressible, that offers insignificant resistance to change of shape and that flows freely

EXAMPLE — Water or water with sediment

Domaine d'application

La présente Norme internationale donne les termes, définitions et symboles en anglais et en français utilisés dans le domaine des déterminations hydrométriques.

Structure du vocabulaire

Les termes et leurs définitions sont présentés dans l'ordre systématique, et sont regroupés en sections suivant la méthode de détermination ou le sujet traité. L'annexe A énumère les symboles utilisés dans la présente Norme internationale. Pour ce qui concerne le vocabulaire statistique, l'annexe B renvoie l'utilisateur à l'ISO 3454, et à l'ISO 5168 pour une information plus détaillée pour l'évaluation des incertitudes. Un index alphabétique pour chaque langue est inclus.

La structure de chaque article est en conformité avec l'ISO 10241:1992, *Normes terminologiques internationales — Élaboration et présentation*. Les codes des noms de pays sont en conformité avec l'ISO 3166:1993, *Codes pour la représentation des noms de pays*.

1 Termes généraux

1.1 écoulement mouvement d'un volume de liquide

mouvement d'une substance qui n'est ni un solide ni un gaz, qui est pratiquement incompressible, qui n'offre qu'une résistance insignifiante au changement de forme et qui s'écoule librement

EXEMPLE — Eau ou eau chargée de sédiments.