

# Australian Technical Specification

## **Meters for non-urban water supply**

### **Part 3: Specifications for open channel meters**



This Australian Technical Specification was prepared by Committee CS-024, Measurement of Water Flow in Open Channels and Closed Conduits. It was approved on behalf of the Council of Standards Australia on 6 May 2008.

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The following are represented on Committee CS-024:

- Australian Industry Group
  - Department of Natural Resources and Water, Qld
  - Institute of Instrumentation, Control and Automation Australia
  - Irrigation Australia
  - National Measurement Institute
  - NSW Department of Commerce
  - University of South Australia
  - Water and Wastewater Association of Australia
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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Technical Specification through their representation on the Committee.

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ATS 4747.3—2008

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## **Meters for non-urban water supply**

### **Part 3: Specifications for open channel meters**

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## PREFACE

This Australian Technical Specification was prepared by the Australian Committee CE-024, Measurement of Water Flow in Open Channels and Closed Conduits.

The objective of this Australian Technical Specification is to provide manufacturers with requirements for irrigation and non-urban water meters to meet the requirements of the National Water Initiative Clause 88.

NMI M11-1, *Metrological and technical requirements*, specifies the metrological and technical requirements for pattern approval and verification of water meters to comply with the National Measurement Regulations. Where appropriate, the requirements of this Australian Technical Specification are sourced from NMI M11-1 and NMI M11-2, *Test methods*, both of which take precedence over the metrological requirements of this Australian Technical Specification (see Appendix H).

This Australian Technical Specification includes essential requirements that are up to date with current progress in the water meter industry technology.

This document is part of a suite of Australian Technical Specifications covering the metering of non-urban water supply, as follows:

### ATS

4747	Meters for non-urban water supply
4747.1	Part 1: Glossary of Terms
4747.2	Part 2: Specification for closed conduit meters fully charged
4747.3	Part 3: Specification for open channel meters
4747.5	Part 5: Installation and commissioning of closed conduit meters fully charged
4747.6	Part 6: Installation and commissioning of open channel meters
4747.8	Part 8: In-service compliance for closed conduit meters fully charged
4747.9	Part 9: In-service compliance for open channel meters

The ATS 4747 suite is being published in the first instance as Australian Technical Specifications, following a period of trial and review of no more than 2 years it is intended to republish it as an Australian Standard.

The terms ‘normative’ and ‘informative’ have been used in this Australian Technical Specification to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of an Australian Technical Specification. An ‘informative’ appendix is for information and guidance only.

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