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AS 2360.7.1—2001
ISO/TR 7066-1:1997

Australian Standard™

Measurement of fluid flow in closed conduits

Part 7.1: Assessment of uncertainty in the calibration and use of flow measurement devices—Linear calibration relationships

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The following interests are represented on Committee CE-024:

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

South Australian Water Corporation

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Part 7.1: Assessment of uncertainty in the calibration and use of flow measurement devices—Linear calibration relationships

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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/TR 7066:1997, *Assessment of uncertainty in calibration and use of flow measurment devices*—Part 7.1: *Linear calibration relationships*.

This Standard is Part 7.1 of AS 2360, *Measurement of fluid flow in closed conduits*, which is published in parts as follows:

AS		
2360		Vocabulary and symbols
2360.1	Part 1:	Pressure differential methods—Measurement using orifice plates, nozzles or Venturi tubes—Conduits with diameters from 50 mm to 1200 mm
2360.1.2	Part 1.2:	Pressure differential methods—Measurement using orifice plates or nozzles—Conduits with diameters less than 50 mm
2360.1.3	Part 1.3:	Pressure differential methods—Measurement using orifice plates, nozzles or Venturi tubes—Guide to the use of methods specified in Parts 1.1 and 1.2
2360.1.4	Part 1.4:	Pressure differential methods—Measurement using orifice plates, nozzles or Venturi tubes—Guide to the effect of departure from the conditions specified in Part 1.1
2360.1.5	Part 1.5:	Pressure differential methods—Measurement using orifice plates, nozzles or Venturi tubes—Pulsating flow, in particular sinusoidal or square wave intermittent periodic-type fluctuations
2360.6.1	Part 6.1:	Volumetric methods—By mass
2360.6.2	Part 6.2:	Volumetric methods—By volume
2360.7.1	Part 7.1:	Assessment of uncertainty in the calibration and use of flow measurement devices—Linear calibration relationships (this Standard)
2360.7.2	Part 7.2:	Assessment of uncertainty in the calibration and use of flow measurement devices—Non-linear calibration relationships

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1110	Liquid flow measurement in open channels	3778.1	Part 1: Vocabulary and symbols
1110-2	Part 2: Determination of the stage-discharge relation	3778.2.3	Part 2.3: General—Determination of the stage-discharge relation
4006	Measurement of fluid flow in closed conduits-Vocabulary and symbols	2360	Measurement of fluid flow in closed conduits
5168	Measurement of fluid flow-Estimation of uncertainty of a flow-rate measurement	2360.0	Part 0: Vocabulary and symbols
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