

AS 4250.1—1995

ISO 7278-1:1987

Reconfirmed 2016

Australian Standard[®]

**Liquid hydrocarbons—
Dynamic measurement—
Proving systems for
volumetric meters**

Part 1: General principles

This Australian Standard was prepared by Committee ME/49, Oil and Gas Measurement. It was approved on behalf of the Council of Standards Australia on 15 August 1994 and published on 5 January 1995.

The following interests are represented on Committee ME/49:

- Australian Customs Service
- Australian Gas Association
- Australian Institute of Petroleum
- Australian Institute of Physics
- Australian Liquefied Petroleum Gas Association
- Australian Petroleum Exploration Association
- CSIRO, Division of Applied Physics
- Department of Primary Industries and Energy
- Institute of Instrumentation and Control, Australia
- Institution of Engineers Australia
- National Association of Testing Authorities
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This Standard was issued in draft form for comment as DR 93324.

STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 4250.1—1995

Liquid hydrocarbons—Dynamic measurement—Proving systems for volumetric meters

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Technical Committee ME-049 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

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Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 23 December 2015.

The following are represented on Technical Committee ME-049:

Australian Institute of Petroleum
Australian Petroleum Production and Exploration Association
Institute of Instrumentation, Control and Automation Australia
National Association of Testing Authorities Australia
National Measurement Institute

NOTES

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PREFACE

This Standard was prepared by the Standards Australia Committee on Oil and Gas Measurement and is designated Part 1 of a series of Standards dealing with petroleum liquid measurement systems under the general title *Liquid hydrocarbons—Dynamic measurement—Proving systems for volumetric meters*. Part 1 covers *General principles*.

Other Standards or proposed Standards in this series are as follows:

Part 2: Pipe provers

Part 3: Pulse interpolation

Part 4: Temperature corrections in volumetric calibration by water transfer method

Part 5: Dynamic measurement

The Standard is identical with and has been reproduced from ISO 7278.1:1987, *Liquid hydrocarbons—Dynamic measurement—Proving systems for volumetric meters*, Part 1: *General principles*.

For the purpose of this Australian Standard, the ISO text should be modified as follows:

- (a) *Delete* the following wording in Clause 4.8 lines 7 and 8: ‘of these two runs’.
- (b) *Replace* any references to ‘International Standard’ with ‘Australian Standard’.

<i>Reference to International Standard</i>	<i>Australian Standard</i>
ISO	AS
4124 Liquid hydrocarbons—Dynamic measurement—Statistical control of volumetric metering systems	—

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