

Australian Standard™

**Threaded hose connection fittings for
bituminous materials**



This Australian Standard was prepared by Committee ME-057, Road Tankers for Hazardous Liquids and Gases. It was approved on behalf of the Council of Standards Australia on 31 May 2001 and published on 29 June 2001.

The following interests are represented on Committee ME-057:

Australasian Fire Authorities Council
Australian Chamber of Commerce and Industry
Australian Gas Association
Australian Industrial Gas Manufacturers Association
Australian Industry Group
Australian Institute of Petroleum
Australian Liquefied Petroleum Gas Association
Australian Valve Manufacturers Association
Commercial Vehicle Industry Association of Australia
Department for Administrative and Information Services, S.A.
Department of Defence (Australia)
Environment Protection Authority, N.S.W.
Queensland Transport
Victorian WorkCover Authority
WorkCover New South Wales

Keeping Standards up-to-date

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about Standards can be found by visiting the Standards Australia web site at www.standards.com.au and looking up the relevant Standard in the on-line catalogue.

Alternatively, the printed Catalogue provides information current at 1 January each year, and the monthly magazine, *The Australian Standard*, has a full listing of revisions and amendments published each month.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at mail@standards.com.au, or write to the Chief Executive, Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001.

STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 2475–2001

Threaded hose connection fittings for bituminous materials

RECONFIRMATION NOTICE

Technical Committee ME-057 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.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 19 March 2018.

The following are represented on Technical Committee ME-057:

Australasian Convenience and Petroleum Marketers Association
Australia New Zealand Industrial Gas Association
Australian Industry Group
Australian Institute of Petroleum Ltd
Australian Trucking Association
Chemistry Australia
Commercial Vehicle Industry Association of Australia
Department of Natural Resources, Mines and Energy (QLD)
Department of Transport and Main Roads (Qld)
EPA NSW
Gas Energy Australia
Heavy Vehicle Industry Australia
National Bulk Tanker Association
National Heavy Vehicle Regulator
SafeWork SA
Truck Industry Council
Work Safe Victoria

NOTES

Currently in preview, click buy full vers.

Australian Standard™

**Threaded hose connection fittings for
bituminous materials**

Originated as AS 2475—1982.
Second edition 2001.

COPYRIGHT

© Standards Australia International

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

Published by Standards Australia International Ltd
GPO Box 5420, Sydney, NSW 2001, Australia

ISBN 0 7337 3933 4

PREFACE

This Standard was prepared by the Standards Australia Committee ME-057, Road Tankers for Hazardous Liquids and Gases to supersede AS 2475 — 1982, *Threaded hose connection fittings for bituminous materials*, with the object of providing a revised Standard for threaded hose connection fittings that are recommended for use when transferring bituminous products.

An ‘informative’ appendix is only for information and guidance.

CONTENTS

	<i>Page</i>
1 SCOPE	3
2 REFERENCED DOCUMENTS	3
3 DEFINITIONS	3
4 DESIGNATION	4
5 DIMENSIONS	4
6 MATERIALS	4
7 ASSEMBLY	4
8 TESTING	4
9 MARKING	4
APPENDIX A ASSEMBLY PROCEDURE FOR HOSE ASSEMBLY	14

STANDARDS AUSTRALIA

Australian Standard

Threaded hose connection fittings for bituminous materials

1 SCOPE

1.1 General

This Standard specifies requirements for two sizes of threaded hose connection fittings (50 mm and 63.5 mm) for use on equipment used for handling bituminous materials.

1.2 Purpose and application

This Standard sets out dimensions and specifies requirements for materials, testing and marking.

NOTE: To apply this Standard, it is necessary to acquire further information and dimensions for the hose, to which the fitting will be attached, i.e. diameter and pitch of helical winding.

2 REFERENCED DOCUMENTS

The following Standards are referred to in this Standard.

AS

1565	Copper and copper alloys—Ingots and castings
1722	Pipe threads of Whitworth form
1722.1	Part 1: Sealing pipe threads
1722.2	Part 2: Fastening pipe threads (ISO 228-1:1982 and ISO 228-2:1987)
1874	Aluminium and aluminium alloys—Ingots and castings
3501	Parallel screw threads of Whitworth form (BSW and BSF) and associated gauges and gauging practice

3 DEFINITIONS

For the purpose of this Standard, the following definitions apply:

3.1 Bituminous materials

Bitumen, bitumen emulsions, bitumen cutbacks, and other related bitumen-based products.

3.2 Coupling

A device used to join a flexible hose to the outlet of a tank.

3.3 Fixed coupling (see Figure 5)

That part of the coupling fixed to the tank and to which the hose coupling may be attached.

3.4 Hose coupling (see Figure 8)

That part of the coupling fixed to the hose.

3.5 Shall

Indicates that a statement is mandatory.

3.6 Should

Indicates a recommendation.