

Australian Standard™

Series R freight containers

**Part 2: Platform and platform based
containers**

This Australian Standard was prepared by Committee ME/68, Freight Containers. It was approved on behalf of the Council of Standards Australia on 17 September 1999 and published on 24 January 2000.

The following interests are represented on Committee ME/68:

AUSTROADS

Australasian Railway Association

Australian Chamber of Shipping

Australian Maritime Safety Authority

Department of Defence (Australia)

Germanischer Lloyd

International Cargo Handling

National Road Transport Commission

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 Standards may also be withdrawn.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 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 the 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, PO Box 1055, Strathfield, NSW 2135.

Australian Standard™

Series R freight containers

**Part 2: Platform and platform based
containers**

First published as AS 4615.2—2000.

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
PO Box 1055, Strathfield, NSW 2135, Australia

ISBN 0 7337 3199 6

PREFACE

This Standard was prepared by Standards Australia Committee ME/68, Freight Containers.

The term 'normative' has been used in this Standard to define the application of the Appendix to which it applies. A 'normative' Appendix is an integral part of a Standard.

This Standard is one of the following series that applies to series R freight containers.

AS

4615 Series R freight containers

4615.1 Part 1: Requirements for container compliance

4615.2 Part 2: Platform and platform based containers

CONTENTS

	<i>Page</i>
1 SCOPE	4
2 NORMATIVE REFERENCES	4
3 DEFINITIONS	4
4 EXTERNAL DIMENSIONS AND RATING	5
5 DESIGN REQUIREMENTS	5
6 TESTING	8
7 MARKING AND COMPLIANCE PLATE	15
 APPENDICES	
A DIAGRAMMATIC REPRESENTATION OF STANDARD TEST PROCEDURES ...	16
B DETAILS OF REQUIREMENTS FOR LOAD TRANSFER AREAS IN BASE STRUCTURES OF CONTAINERS	23
C CARGO SECURING DEVICES FOR PLATFORM AND PLATFORM BASED CONTAINERS	29
D DIMENSIONS OF FORK-LIFT POCKETS (where provided).....	31
E DIMENSIONS OF GRAPPLER ARM LIFTING AREA	32
F DIMENSIONS OF STRADDLE LIFTING AREAS	33
G DIMENSIONS OF GOOSENECK TUNNELS	34

STANDARDS AUSTRALIA

Australian Standard
Series R freight containers

Part 2: Platform and platform based containers

1 SCOPE

This Standard specifies the basic specifications and testing requirements for series R freight containers of the platform and platform based types with nominal lengths of 12 m (40 ft) and 6 m (20 ft).

2 NORMATIVE REFERENCES

The following documents are referred to in this Standard.

AS

4615 Series R freight containers
4615.1 Part 1: Requirements for container compliance

3711 Freight containers

3711.1 Part 1: Classification, dimensions and rating

3711.9 Part 9: Coding, identification and marking

AS/NZS

3711 Freight containers

3711.2 Part 2: Terminology

3711.3 Part 3: Corner fittings

3 DEFINITIONS

For the purpose of this specification, the definitions given in AS/NZS 3711.2, together with the following, apply:

3.1 Fixed complete end structure

Fixed end frame with a complete transverse structural connection between corner posts.

3.2 Incomplete superstructure

Lack of any permanently fixed longitudinal load-carrying structure between the ends other than the base.

3.3 Platform

End structure having no superstructure whatever. The equipment covered by this specification is defined as a loadable platform having no superstructure whatever but having the same length and width as the base of series R containers, and equipped with bottom corner fittings, located in plan view as on other series R containers, so that some securing and lifting devices of the same length can be used.

3.4 Platform-based container

Container having end walls but no side walls and which has a base similar to that of a platform container.