AS 1743:2023





Road signs — Specifications





Share your feedback about this standard. Scan the QR code on your phone or click/ enter the link to take the survey feedback.standards.org.au/1743:2023

AS 1743:2023

This Australian Standard ® was prepared by MS-012, Road Signs and Traffic Signals. It was approved on behalf of the Council of Standards Australia on 14 August 2023.

This Standard was published on 13 September 2023.

The following are represented on Committee MS-012:

ARRB (Australian Road Research Board)
Association of Consultants in Access Australia
Australian Automobile Association

Australian Industry Group Australian Motorcycle Council

Austroads

Department for Infrastructure and Transport, SA

Department of Infrastructure, Planning and Logistics, NT

Department of State Growth, TAS

Department of Transport and Main Roads, QLD

Department of Transport and Planning (VIC)

Engineers Australia

Institute of Public Works Engineering Australasia

Main Roads Western Australia

Rail Industry Safety and Standards Board

Roadmarking Industry Association of Australia

Roads and Infrastructure, Transport Canberra and City Services, ACT Government

Transport for NSW

This Standard was issued in draft form for comment as DR AS 1743:2022.

Keeping Standards up-to-date

Ensure you have the latest versions of our publications and keep up-to-date about Amendments, Rulings, Withdrawals, and new projects by visiting: www.standards.org.au

Road signs — Specifications

Originated as AS E36—1960. Previous edition AS 1743:2018. Sixth edition 2023.

© Standards Australia Limited 2023

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, unless otherwise permitted under the Copyright Act 1968 (Cth).

Preface

This Standard was prepared by the Standards Australia Committee MS-012, Road Signs and Traffic Signals, to supersede AS 1743:2018.

The objective of this document is to provide users and providers of road signs with either standard designs or design rules for the shape and graphic content of signs together with requirements for and guidance on materials and manufacturing quality.

This document also provides principles and procedures for determining the need, and the selection, testing and design of graphic symbols and symbolic signs. It includes the fonts as detailed in AS 1744.

In this document, contextual information is found in < angled brackets > before the definition. Explanatory notes, examples or comments are found after the definition as "Note to entry". Terms are written in lower case letters when expressed in full, while abbreviations are written using capital letters. "See" directs the user to the term that provides the definition, while "see also" directs to related terms. For non-preferred terms, the preferred term is stated in a note to entry. "e.g." is written in full as "for example".

This document is complementary to and is intended to be read in conjunction with the relevant parts of the AS 1742 series of Standards. A list of all parts in the series can be found in the Standards Australia online catalogue.

The major changes in this edition involve the addition of new signs and alterations to or deletion of existing signs resulting from revision of the AS 1742 series.

This document is accompanied by additional data in a ZIP file. The ZIP file contains drawings files in DWG and PDF formats. The ZIP file may be obtained on purchase of this document in any format.

The technical drawings materials in the accompanying product are only to be used, reproduced or modified by an authorized user in a way that meets the requirements of this document. They are not to be used for any other purposes.

The terms "normative" and "informative" are used in Standards to define the application of the appendices to which they apply. A "normative" appendix is an integral part of a Standard, whereas an "informative" appendix is only for information and guidance.

Contents

Preface		ii		
Section 1	Scope and general	1		
1.1	Scope	1		
1.2				
1.3	Terms and definitions	1		
1.4	Numbering systems	4		
	1.4.1 General	4		
	1.4.2 Signs	4		
	1.4.3 Tourist route marker emblems			
Section 2	Graphic design general requirements			
2.1	Graphic design			
2.2				
2.3	"Made-to-measure" signs	6		
Section 3	Graphic design symbols and symbolic signs			
3.1	Introduction			
	3.1.1 Scope			
	3.1.2 Purpose			
3.2	Determination of need			
	3.2.1 General			
	3.2.2 Preliminary considerations			
	3.2.3 Establishment of need form			
	3.2.4 Message definition			
	3.2.5 The need for a symbol			
	3.2.6 Referent diversity			
	3.2.7 Test symbol recommendations			
3.3	Standardization procedure			
3.4				
3.5	Selection and testing			
	3.5.1 General			
	3.5.2 Collection of symbol variants			
	3.5.3 Appropriateness assessment test			
	3.5.4 Comprehension test			
2.6	3.5.5 Recall test			
3.6	Principles for the design of graphic symbols			
	3.6.1 General			
3.7	3.6.2 Design principles	14		
3.7	Principles for the design of signs incorporating symbols			
	3.7.1 General 3.7.2 Symbolic colours and shapes			
	1			
	3.7.3 Design of symbolic signs 3.7.4 Design of composite signs			
	3.7.5 Conspicuity enhancement			
	3.7.6 Sign size modification			
	3.7.7 Viewing of signs under natural and artificial light			
Section 4	Manufacturing and materials			
4.1	Legend			
4.2	Signboard size			
4.3	Borders, edge strips and corners			
1.5	4.3.1 Design elements of a road sign			
	4.3.2 Signs with dark coloured legends on light coloured backgrounds			
	4.3.3 Signs with light coloured legends on dark coloured backgrounds			
	4.3.4 Diamond warning signs			
	4.3.5 Supplementary plates			



	This is a free preview.	Purchase the e	entire publication	at the link below:
--	-------------------------	----------------	--------------------	--------------------

Product Page

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation