

Australian Standard[®]

Road signs—Specifications

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ACT Government
Australian Automobile Association
Australian Local Government Association
Australian Road Research Board
Austroads
Confederation of Australian Industry
Department of Roads and Transport, Tasmania
Department of Road Transport, South Australia
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AS 1743—1992

Australian Standard[®]

Road signs—Specifications

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PREFACE

This Standard was prepared by the Standards Australia Committee on Road Signs and Traffic Signals to supersede AS 1743—1989. This Standard is complementary to, and should be read in conjunction with AS 1742, *Manual of uniform traffic control devices*.

The need to revise the Standard at this time arises principally from the need to provide standard drawings for the manufacture of the many new standard signs introduced in the following parts of AS 1742 published since the last edition:

- AS 1742.6 Part 6: Service and tourist signs for motorists
- AS 1742.8 Part 8: Freeways
- AS 1742.10 Part 10: Pedestrian control and protection
- AS 1742.11 Part 11: Parking controls
- AS 1742.13 Part 13: Local area traffic management

This edition includes an appendix dealing with the rationalization of border widths and corner radii for signs, together with some minor additions to the text and the correction of some errors which have been found in the original drawings.

A Supplement to the 1989 edition of this Standard has been published concurrently with this edition. The purpose of the Supplement is to allow holders of the 1989 edition to make their copies technically equivalent to this edition by the replacement and addition of loose leaf pages.

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FOREWORD

The introduction of computer aided drafting, computer aided manufacture (CAD/CAM) and photographic methods into the design and manufacture of road signs in recent years has resulted in certain practices which are recognized in this Standard. Oversize versions of many standard signs (other than T series signs, see below) are often manufactured by photographic enlargement of the basic sign. Tabulation of sign dimensions in this Standard, therefore, show all oversize versions of such signs as having all dimensions in exact proportion to the basic sign. The use of these methods can also result in letter and numeral heights which do not conform with the standard sizes given in AS 1744, *Forms of letters and numerals for road signs*. These intermediate sizes are also permitted in this Standard.

Provision is also made in this Standard for the use of computer-generated letter series intermediate to the standard series. This facility is of particular use in the manufacture of certain direction signs, especially street name signs.

Temporary signs have been restricted to a limited range of sizes to allow economies in the manufacture of specially designed signboards. Exact proportioning of oversize versions of most T series signs has not therefore been practicable.

STANDARDS AUSTRALIA

Australian Standard
Road signs—Specifications

1 SCOPE This Standard specifies full dimensional and related details for the manufacture of standard road signs provided for in AS 1742, and includes artwork for the signs and where appropriate, symbolic components.

NOTE: Authorities responsible for the erection of signs are not encouraged to develop signs for their own use. However, there will be instances where there is no suitable standard sign. In such cases, the relevant State road authority should be contacted to determine whether such a sign is already in use. If a new sign is to be developed, it should comply with the design requirements specified in this Standard for the particular sign classification. If it is considered that the sign could also be required by other authorities, Standards Australia should be advised so that, during the course of its regular review of road signs, it can take all new developments into account with a view to their possible inclusion in the relevant Standards. It is most important that the proliferation of signs with differing designs of legend, symbol or background, essentially for the same purpose, is minimized.

2 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

AS	
1397	Steel sheet and strip—Hot-dipped zinc-coated or aluminium/zinc-coated
1562	Design and installation of metal roofing
1580	Paints and related materials—Methods of test
1580.602.2	Specular gloss
1734	Aluminium and aluminium alloys—Flat sheet, coiled sheet and plate
1742	Manual of uniform traffic control devices
1742.1	Part 1: General introduction and index of signs
1742.2	Part 2: Traffic control devices for general use
1742.11	Part 11: Parking controls
1744	Forms of letters and numerals for road signs
1906	Retroreflective materials and devices for road traffic control purposes
1906.1	Part 1: Retroreflective materials
2700	Colour standards for general purposes

3 NUMBERING SYSTEMS

3.1 General Two numbering systems are used in this Standard; one is for identifying individual signs and the other for identifying individual symbols and route marker emblems which are used as components within a sign.

These systems are set out in Clauses 3.2 and 3.3.

3.2 Signs The numbering system for signs is as follows:

(a) A letter prefix, as shown below, denoting class of sign—

- R — regulatory signs
- W — warning signs
- G — guide signs
- GE — freeway guide signs
- T — temporary signs
- D — hazard markers

(b) A number denoting the series, or group of signs.

(c) One or two numbers identifying the sign in the series, or group.

NOTE: Where variations of some types of sign occur, they are identified by an additional number.

(d) A letter denoting the size of the sign, e.g. A, B, C, D, where A is the smallest sign.

(e) The letters (L) or (R), when the sign has directional significance.

An example would be R2—6A(L) which denotes a regulatory sign in the Direction Series—R2. The sign is the sixth in the series, is the smallest available, and is the left-hand version.

3.3 Route marker emblems and symbols The numbering system for route marker emblems and symbols is given below.

3.3.1 Route marker emblems Route marker emblems are numbered as follows:

(a) A letter prefix, as shown below, used to identify an individual type of route marker—

- NH — National Highway marker emblems
- NR — National Route marker emblems
- NR(A) — Alternative National Route marker emblems
- SR — State Route marker emblems
- TR — Tourist Route marker emblems