

AS 1692—2006
(Incorporating Amendment No. 1)

AS 1692—2006

Australian Standard[®]

**Steel tanks for flammable and
combustible liquids**



This Australian Standard® was prepared by Committee ME-017, Flammable and Combustible Liquids. It was approved on behalf of the Council of Standards Australia on 20 January 2006.

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The following are represented on Committee ME-017:

- A.C.T. WorkCover
 - Australasian Fire Authorities Council
 - Australian Chamber of Commerce and Industry
 - Australian Industry Group
 - Australian Institute of Petroleum
 - Australian Paint Manufacturers Federation
 - Department for Administrative and Information Services, S.A.
 - Department of Consumer and Employment Protection, W.A.
 - Department of Defence
 - Department of Emergency Services, Queensland
 - Department of Infrastructure, Energy and Resources, Tas.
 - Plastics and Chemicals Industry Association
 - Victorian WorkCover Authority
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This Standard was issued in draft form for comment as DR 05392.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through public comment period.

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Steel tanks for flammable and combustible liquids

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PREFACE

This Standard was prepared by Standards Australia Committee ME-017, *Flammable and Combustible Liquids* to supersede AS 1692—1989. This new edition has been revised to include new standards and designs to which tanks may be constructed and tested. References to ‘approvals’ by authorities have been removed, in line with current regulatory practices.

This Standard incorporates Amendment No. 1 (August 2006). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The objective of this Standard is to provide requirements and recommendations for the design and construction of a range of types of steel tanks suitable for the storage of flammable and combustible liquids. This Standard is limited to tanks made of steel and stainless steel, and includes tanks with integral secondary containment.

Thicknesses of materials are based on empirical data, being the result of experience rather than stress calculations, the exception being tanks of Category 6 (e.g. those built to API 650).

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 the Standard.

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