



Water storage tanks for fire protection systems



This Australian Standard® was prepared by Committee FP-008, Fire Pumps and Tanks. It was approved on behalf of the Council of Standards Australia on 20 December 2018. This Standard was published on 23 January 2019.

The following are represented on Committee FP-008:

- Association of Hydraulic Services Consultants Australia
 - Australasian Fire and Emergency Service Authorities Council
 - Engineers Australia
 - Fire Protection Association Australia
 - Insurance Council of Australia
 - Master Plumbers Australia
 - Pump Industry Australia
 - Specialised Textiles Association
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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 the public comment period.

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Australian Standard®

Water storage tanks for fire protection systems

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PREFACE

This Australian Standard was prepared by Standards Australia Committee FP-008, Fire Pumps and Tanks.

The objective of this Standard is to set out the minimum requirements for the design, construction, installation and commissioning of bolted steel circular and rectangular water tanks for the storage of water for fire protection systems. This Standard also provides guidance on water sources and qualities that influence tank design and construction, together with water conservation measures.

Section 11, the provisions for maintenance of water storage tanks for fire protection purposes, has been removed in this revision. The maintenance provisions are now detailed in AS 1851 *Routine servicing of fire protection systems and equipment*.

Other minor changes have been made covering side access manways and platforms and external ladders, as well as the provision of a Commissioning Checklist and Completion Certification (Appendix F) and baseline data (Appendix G).

This Standard was developed taking into consideration local and international Standards.

The terms ‘normative’ and ‘informative’ are used in a Standard 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.

This Standard includes a commentary on some of the clauses. The commentary directly follows the relevant clause, is designated by ‘C’ preceding the clause number and is printed in italics in a box. The commentary is for information and guidance and does not form part of the Standard.

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