

Australian Standard<sup>®</sup>

**Fire protection equipment—Carbon  
dioxide extinguishing systems for use  
on premises—Design and installation  
(ISO 6183:2009, MOD)**



This Australian Standard® was prepared by Committee FP-011, Special Hazard Fire Protection Systems. It was approved on behalf of the Council of Standards Australia on 10 March 2011.

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The following are represented on Committee FP-011:

- Australian Industry Group
  - Australian Museum
  - Chamber of Commerce & Industry Queensland
  - CSIRO Manufacturing and Materials Technology
  - Engineers Australia
  - Fire Protection Association Australia
  - National Fire Industry Association
  - Society of Fire Protection Engineers Australasian Chapter
  - Security Providers Association of Australia
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This Standard was issued in draft form for comment as DR AS 6183.

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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AS 6183—2011

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## PREFACE

This Standard was prepared by the Standards Australia Committee FP-011, Special Hazard Fire Protection Systems, to supersede the requirements for carbon dioxide extinguishing systems from AS 4214—2002, *Gaseous fire extinguishing systems*.

This Standard is an adoption with national modifications and has been reproduced from ISO 6183:2009, *Fire protection equipment—Carbon dioxide extinguishing systems for use on premises—Design and installation*, and has been varied as indicated to take account of Australian conditions. The modifications are specified in Appendix ZZ.

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Detailed requirements for the design and installation of marine CO<sub>2</sub> systems are provided in Annex ZB (Marine) of AS ISO 14520.1 *Gaseous fire-extinguishing systems—Physical properties and system design*, Part 1: *General requirements (ISO 14520-1:2006, MOD)*.

The terms ‘normative’ and ‘informative’ are used to define the application of the annex or appendix to which they apply. A normative annex or appendix is an integral part of a Standard, whereas an informative annex is only for information and guidance.

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