# Australian Standard®

Functional safety of electrical/electronic/programmable electronic safety-related systems

Part 7: Overview of techniques and measures



This Australian Standard® was prepared by Committee IT-006, Industrial Process Measurement, Control and Automation. It was approved on behalf of the Council of Standards Australia on 10 March 2011.

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- Australia Safety Critical Systems Association
- Australian Computer Society
- Australian Petroleum Production and Exploration Association
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- Consumers Federation of Australia
- Engineers Australia
- Institute of Chemical Engineers Australia
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- The University of Queensland
- Workplace Health and Safety Queensland
- WorkSafe Victoria

This Standard was issued in draft form for comment as DR AS 61508.7.

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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**OF** 

#### AS 61508.7—2011

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#### **PREFACE**

This Standard was prepared by the Standards Australia Committee IT-006, Industrial Process Measurement, Control and Automation, to supersede AS 61508.7—2001.

The objective of this revision is to adopt the current edition of IEC 61508-7.

This Standard is identical with, and has been reproduced from IEC 61508-7 Ed.2.0 (2010), Functional safety of electrical/electronic/programmable electronic safety-related systems—Part 7: Overview of techniques and measures.

As this Standard is reproduced from an International Standard, the following applies:

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References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

Reference to International Standard		Australian Standard	
IEC		AS	
61508	Functional safety of electrical/electronic/programmable electronic safety related systems	61508	Functional safety of electrical/electronic/programmable electronic safety related systems
61508-4	Part 4: Definitions and abbreviations	61508.4	Part 4: Definitions and abbreviations

The term 'informative' has been used in this Standard to define the application of the annex to which it applies. An 'informative' annex is only for information and guidance.



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