

AS 61508.6—2011  
IEC 61508-6 Ed.2.0 (2010)  
Reconfirmed 2023

AS 61508.6—2011

Australian Standard<sup>®</sup>

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

**Part 6: Guidelines on the application of  
IEC 61508-2 and IEC 61508-3**



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.  
This Standard was published on 28 March 2011.

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  - Workplace Health and Safety Queensland
  - WorkSafe Victoria
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This Standard was issued in draft form for comment as DR AS 61508.6.

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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**RECONFIRMATION**

**OF**

**AS 61508.6—2011**

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Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 25 October 2023.

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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 61508.6—2001.

The objective of this revision is to adopt the current edition of IEC 61508-6.

This Standard is identical with, and has been reproduced from IEC 61508-6 Ed.2.0 (2010), *Functional safety of electrical/electronic/programmable electronic safety-related systems—Part 6: Guidelines on the application of IEC 61508-2 and IEC 61508-3*.

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61508	Functional safety of electronic/electronic/programmable electronic safety-related systems	61508	Functional safety of electronic/electronic/programmable electronic safety-related systems
61508-1	Part 1: Requirements for electrical/electronic/programmable electronic safety-related systems	61508.1	Part 1: Requirements for electrical/electronic/programmable electronic safety-related systems
61508-3	Part 3: Software requirements	61508.3	Part 3: Software requirements
61508-4	Part 4: Definitions and abbreviations	61508.4	Part 4: Definitions and abbreviations
61508-7	Part 7: Overview of techniques and measures	61508.7	Part 7: Overview of techniques and measures

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