

AS 61508.3—2011
IEC 61508-3 Ed.2.0 (2010)
Reconfirmed 2023

AS 61508.3—2011

Australian Standard[®]

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

Part 3: Software requirements



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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 - Australian Computer Society
 - Australian Petroleum Production and Exploration Association
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 - Workplace Health and Safety Queensland
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This Standard was issued in draft form for comment as DR AS 61508.3.

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 61508.3—2011

**Functional safety of electrical/electronic/programmable electronic safety-related
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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 61508.3—1999.

The objective of this revision is to adopt the current edition of IEC 61508-3.

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

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

- (a) Its number appears on the cover and title page while the international standard number appears only on the cover.
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<i>Reference to International Standard</i>		<i>Australian Standard</i>	
IEC		AS	
61508	Functional safety of electrical/electronic/programmable electronic safety-related systems	61508	Functional safety of electrical/electronic/programmable electronic safety-related systems
61508-1	Part 1: General requirements	61508.1	Part 1: General requirements
61508-2	Part 3: Requirements for electrical/electronic/programmable electronic safety-related systems	61508.2	Part 3: Requirements for electrical/electronic/programmable electronic safety-related systems
61508-4	Part 4: Definitions and abbreviations	61508.4	Part 4: Definitions and abbreviations

Only international references that have been adopted as Australian Standards have been listed.

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