

Australian Standard™

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

**Part 2: Requirements for  
electrical/electronic/programmable  
electronic safety-related systems**



**S t a n d a r d s** Australia

This Australian Standard was prepared by Committee IT-006, Information Technology for Industrial Automation and Integration. It was approved on behalf of the Council of Standards Australia on 18 April 2000 and published on 19 June 2001.

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The following interests are represented on Committee IT-006:

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## PREFACE

This Standard was prepared by the Standards Australia Committee IT-006, Information Technology for Industrial Automation and Integration.

The objective of this Standard is to provide designers of safety lifecycle activities in systems comprised of electrical/electronic/programmable electronic devices with the requirements for techniques and measures that are graded against safety integrity levels, for the avoidance and control of faults and failures.

This Standard is identical with and has been reproduced from IEC 61508-2:2000, *Functional safety of electrical/electronic/programmable electronic safety-related systems — Part 2: Requirements for electrical/electronic/programmable electronic safety-related systems*.

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The term ‘normative’ has been used in this Standard to define the application of the annex to which it applies. A ‘normative’ annex is an integral part of a Standard.

## CONTENTS

	<i>Page</i>
1 Scope.....	1
2 Normative references .....	4
3 Definitions and abbreviations .....	5
4 Conformance to this standard.....	5
5 Documentation .....	5
6 Management of functional safety .....	5
7 E/E/PES safety lifecycle requirements.....	5
7.1 General .....	5
7.2 E/E/PES safety requirements specification .....	9
7.3 E/E/PES safety validation planning .....	11
7.4 E/E/PES design and development .....	11
7.5 E/E/PES integration .....	26
7.6 E/E/PES operation and maintenance procedures .....	27
7.7 E/E/PES safety validation.....	28
7.8 E/E/PES modification .....	29
7.9 E/E/PES verification .....	29
8 Functional safety assessment.....	31

## ANNEXES

Annex A (normative) Techniques and measures for E/E/PE safety-related systems: control of failures during operation.....	32
A.1 General .....	32
A.2 Hardware safety integrity.....	33
A.3 Systematic safety integrity.....	41
Annex B (normative) Techniques and measures for E/E/PE safety-related systems: avoidance of systematic failures during the different phases of the lifecycle .....	47
Annex C (normative) Diagnostic coverage and safe failure fraction.....	56
C.1 Calculation of diagnostic coverage and safe failure fraction of a subsystem ..	56
C.2 Determination of diagnostic coverage factors .....	57
Bibliography.....	59

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