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IEC 61078:2016 (Ed. 3.0)

AS IEC 61078:2017

Australian STANDARD

Reliability block diagrams

STANDARDS Australia

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- Asset Management Council
- Department of Defence (Australian Government)
- Engineers Australia
- Independent Transport Safety and Reliability Regulator
- Professionals Australia
- Risk Management Institution
- The University of New South Wales
- University of Wollongong

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Australian Standard®

Reliability block diagrams

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PREFACE

This Standard was prepared by the Standards Australia Committee QR-005, Dependability, to supersede AS IEC 61078—2008, *Analysis techniques for system reliability—Reliability block diagram and Boolean methods*.

The objective of this Standard is to describe the requirements that apply when reliability block diagrams (RBDs) are used in dependability analysis. It also describes the procedures for modelling the dependability of a system with RBDs. This Standard includes guidance on other methods of analysis and describes the relationships between RBDs and fault tree analysis and Markov techniques.

This Standard is identical with, and has been reproduced from IEC 61078:2016 (Ed. 3.0), *Reliability block diagrams*.

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

(a) In the source text ‘this International Standard’ should read ‘this Australian Standard’.

(b) A full point substitutes for a comma when referring to a decimal marker.

None of the normative references in the source document have been adopted as Australian or Australian/New Zealand Standards.

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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