

Australian Standard[®]

**Analysis techniques for system
reliability—Procedure for failure mode
and effects analysis (FMEA)**



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PREFACE

This Standard was prepared by the Standards Australia Committee QR-005, Dependability.

The objective of this Standard is to provide guidance on the procedure for Failure Mode and Effects Analysis (FMEA) and Failure Mode, Effects and Criticality Analysis (FMECA) and give guidance on their applications, including the basic principles, procedural steps, terms, assumptions, criticality measures and failure modes, with examples. It is suitable for use in conjunction with the AS IEC 60300 series of dependability management Standards.

This Standard is identical with, and has been reproduced from IEC 60812 Ed. 2.0 (2006), *Analysis techniques for system reliability—Procedure for failure mode and effects analysis (FMEA)*, which is part of a suite of Standards developed by the IEC Technical Committee IEC/TC 56, Dependability.

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