

INTERNATIONAL STANDARD

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

**Techniques d'analyse de la fiabilité du système – Procédure d'analyse
des modes de défaillance et de leurs effets (AMDE)**





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CONTENTS

FOREWORD.....	4
1 Scope.....	6
2 Normative references	6
3 Terms and definitions	6
4 Overview	8
4.1 Introduction	8
4.2 Purpose and objectives of the analysis.....	9
5 Failure modes and effects analysis.....	10
5.1 General considerations.....	10
5.2 Preliminary tasks.....	11
5.3 Failure mode, effects, and criticality analysis (FMECA)	21
5.4 Report of analysis	28
6 Other considerations	30
6.1 Common-cause failures.....	30
6.2 Human factors.....	30
6.3 Software errors	31
6.4 FMEA regarding consequences of system failure	31
7 Applications.....	31
7.1 Use of FMEA/FMECA	31
7.2 Benefits of FMEA	33
7.3 Limitations and deficiencies of FMEA	33
7.4 Relationships with other methods.....	33
Annex A (informative) Summary of procedures for FMEA and FMECA	36
Annex B (informative) Examples of analyses.....	40
Bibliography.....	47
Figure 1 – Relationship between failure modes and failure effects in a system hierarchy	13
Figure 2 – Analysis flowchart	20
Figure 3 – Criticality matrix	24
Figure A.1 – Example of the format of an FMEA worksheet.....	39
Figure B.1 – FMEA for a part of automotive electronics with RPN calculation.....	41
Figure B.2 – Diagram of subsystems of a motor generator set	42
Figure B.3 – Diagram of enclosure heating, ventilation and cooling systems	43
Figure B.4 – FMEA for sub-system 20.....	44
Figure B.5 – Part of a process FMECA for machined aluminium casting.....	46

Table 1 – Example of a set of general failure modes 15

Table 2 – Illustrative example of a severity classification for end effects 18

Table 3 – Risk/criticality matrix 25

Table 4 – Failure mode severity 26

Table 5 – Failure mode occurrence related to frequency and probability of occurrence 26

Table 6 – Failure mode detection evaluation criteria 27

Table 7 – Example of a set of failure effects (for a motor vehicle starter) 29

Table 8 – Example of a failure effects probability 29

Table B.1 – Definition and classification of the severity of the effects of failures on the complete M-G system 42

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ANALYSIS TECHNIQUES FOR SYSTEM RELIABILITY –
PROCEDURE FOR FAILURE MODE
AND EFFECTS ANALYSIS (FMEA)**

FOREWORD

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International Standard IEC 60812 has been prepared by IEC technical committee 56: Dependability.

This second edition cancels and replaces the first edition published in 1985 and constitutes a technical revision.

The main changes from the previous edition are as follows:

- introduction of the failure modes effects and criticality concepts;
- inclusion of the methods used widely in the automotive industry;
- added references and relationships to other failure modes analysis methods;
- added examples;
- provided guidance of advantages and disadvantages of different FMEA methods.

The text of this standard is based on the following documents:

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Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

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