AS IEC 60300.3.1—2003
IEC 60300-3-1:2003

Australian Standard™

Dependability management
Part 3.1: Application guide—
Analysis techniques for dependability—
Guide on methodology

Standards Australia

This Australian Standard was prepared by Committee QR-005, Reliability and Maintainability. It was approved on behalf of the Council of Standards Australia on 28 May 2003 and published on 25 July 2003.

The following are represented on Committee QR-005:

AirServices Australia
Australian Organisation for Quality
Certification Bodies (Australia)
Department of Defence (Australia)
Institution of Engineers Australia
University of New South Wales

Keeping Standards up-to-date

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about Standards can be found by visiting the Standards Australia web site at www.standards.com.au and looking up the relevant Standard in the on-line catalogue.

Alternatively, the printed Catalogue provides information current at 1 January each year, and the monthly magazine, *The Global Standard*, has a full listing of revisions and amendments published each month.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at mail@standards.com.au, or write to the Chief Executive, Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001.

This Standard was issued in draft form for comment as DR 03255.

Australian Standard™

Dependability management
Part 3.1: Application guide—Analysis techniques for dependability—Guide on methodology

First published as AS IEC 60300.3.1—2003.

Published by Standards Australia International Ltd
GPO Box 5420, Sydney, NSW 2001, Australia

ISBN 0 7337 5435 X

PREFACE

This Standard was prepared by the Standards Australia Committee QR-005, Reliability and Maintainability.

This Standard is identical with, and has been reproduced, from IEC 60300-3-1:2003, *Dependability management* Part 3-1: *Application guide—Analysis techniques for dependability—Guide on methodology*.

The objective of this Standard is to provide a general overview of commonly used dependability analysis techniques. It describes the usual methodologies, their advantages and disadvantages, data input.

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

(a) Its number does not appear on each page of text and its identity is shown only on the cover and title page.

(b) A full point should be substituted for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

Reference to International Standard		*Australian/New Zealand Standard*	
ISO		AS/NZS ISO	
9000	Quality management systems – Fundamentals and vocabulary	9000	Quality management systems – Fundamentals and vocabulary

Only International Standard referenced documents identical to Australian Standards have been listed.

CONTENTS