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Australian Standard[®]

**Basic environmental testing
procedures for electrotechnology**

**Part 0: Introduction and list of Parts
of AS 1099 and IEC 68**

This Australian Standard was prepared by Committee ET/5, Environmental Testing Procedures. It was approved on behalf of the Council of Standards Australia on 10 June 1994 and published on 15 August 1994.

The following interests are represented on Committee ET/5:

Aerospace Technologies of Australia
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Department of Defence (Commonwealth)
Electricity Supply Association of Australia
National Association of Testing Authorities Australia
Society of Automotive Engineers of Australia
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PREFACE

This Standard was prepared by the Standards Australia Committee on Environmental Testing Procedures.

The objective of this Standard is to provide the electrotechnology industry with a complete list of international environmental test procedures published in IEC 68, *Environmental testing*, and to indicate where equivalent procedures are published in AS 1099, *Basic environmental testing procedures for electrotechnology*.

This Standard lists all Parts of AS 1099 issued and current at the date of publication of this Standard (see Clause 5 tabulation, column 3).

This Standard replaces the coversheet AS 1099, the inside cover sheet and AS 1099 Introduction (February 1980) and AS 1099 List of Methods (Fourth list—February 1982).

Attention is drawn to a compilation of test summaries, AS 1099.4, *Basic environmental testing procedures for electrotechnology*, Part 4: *Information for specification writers—Test summaries*.

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STANDARDS AUSTRALIA

Australian Standard

Basic environmental testing procedures for electrotechnology

Part 0: Introduction and list of Parts of AS 1099 and IEC 68

1 INTRODUCTION The AS 1099 series of Standards specifies standard testing procedures to assess the durability of electronic components and complete equipment under various conditions of use, transport and storage. The series is based on the IEC 68 series of Standards.

This Part of AS 1099 lists all current Parts of AS 1099; also all current Parts (and Sections of Parts) of IEC 68, indicating the relevant equivalent Parts of AS 1099. Where there is no equivalent Part of AS 1099, reference should be made to the IEC Part.

2 LIST OF PARTS OF AS 1099 The Parts of AS 1099 are listed in Appendix A.

3 INDEX TO PARTS OF IEC 68 An index to the Parts of IEC 68 is provided in Appendix B.

4 REFERENCED DOCUMENTS The references to IEC Standards in the list of Parts of IEC 68 (see Clause 5) should be replaced, when appropriate, by references to the following Australian Standards:

	<i>IEC Standard</i>	<i>AS</i>	<i>Australian Standard</i>
IEC 355	An appraisal of the problems of accelerated testing for atmospheric corrosion	1099	Basic environmental testing procedures for electrotechnology
		1099.3.7	Part 3.7: Background information—An appraisal of the problems of accelerated testing for atmospheric corrosion
529	Degrees of protection provided by enclosures (IP Code)	1939	Degrees of protection provided by enclosures for electrical equipment (IP Code)
653	General considerations on ultrasonic cleaning*	—	

* IEC Report