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Australian Standard[®]

**Information processing
systems—130 mm optical disk
cartridge, write once, for
information interchange**

**Part 1: Unrecorded optical disk
cartridge**

(ISO/IEC Title: Information technology—130 mm optical disk
cartridge, write once, for information interchange —
Part 1: Unrecorded optical disk cartridge)

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The following interests are represented on Committee IT/10:

Australian Bankers' Association
Australian Information Industry Association
Data media manufacturers
Interface developers
La Trobe University

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PREFACE

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Australian Standard**Information processing systems—130 mm optical disk cartridge, write once,
for information interchange**

Part 1: Unrecorded optical disk cartridge

1 Scope

This part of ISO/IEC 9171 specifies

- definitions of essential concepts,
- the environment in which the characteristics are to be tested,
- the environments in which the cartridge is to be operated and stored,
- the mechanical, physical and dimensional characteristics of the case and of the optical disk,
- the optical characteristics and the recording characteristics for recording the information once and for reading it many times, so as to provide physical interchangeability between data processing systems.

2 Conformance

A 130 mm optical disk cartridge is in conformance with this part of ISO/IEC 9171 if it meets all the mandatory requirements specified therein.

3 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO/IEC 9171. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO/IEC 9171 are encouraged to investigate the possibility of applying the most recent editions of the standards listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 683-13 *Heat treatable steels, alloy steels and free-cutting steels—Part 13 Wrought stainless steels*

IEC 950 *Safety of information technology equipment including electrical business equipment*

4 Definitions

For the purposes of this part of ISO/IEC 9171, the following definitions apply.

- 4.1 case:** The housing for an optical disk, that protects the disk and facilitates disk interchange.
- 4.2 Clamping Zone:** The annular part of the disk within which the clamping force is applied by the clamping device.
- 4.3 Control Track:** A track containing the information on media parameters and format necessary for writing and reading the remaining tracks on the optical disk.
- 4.4 cyclic redundancy check (CRC):** A method for detecting errors in data.