

AS 10303.31—1998
ISO 10303-31:1994

Australian Standard™

**Industrial automation systems
and integration—Product data
representation and exchange**

**Part 31: Conformance testing
methodology and framework:
General concepts**

This Australian Standard was prepared by Committee IT/6, Information Technology for Industrial Automation and Integration. It was approved on behalf of the Council of Standards Australia on 16 June 1998 and published on 5 September 1998.

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First published as AS 10303.31—1998.

PREFACE

This Standard was prepared by Standards Australia Committee IT/6, Information Technology for Industrial Automation and Integration. The Standard is the result of a consensus among the representatives on the Joint Committee that it be produced as an Australian Standard. It is identical with and has been reproduced from ISO 10303-31:1994, *Industrial automation systems and integration—Product data representation and exchange*, Part 31: *Conformance testing methodology and framework: General concepts*.

The objective of this Standard is to provide users of integrated automation systems with a specification of a general methodology and framework for testing the conformance of an implementation of AS 10303.

This Standard is Part 31 of AS 10303, *Industrial automation systems and intergration—Product data representation and exchange*, which is published in Parts as follows:

- Part 1: Overview and fundamental principles
- Part 11: Description methods: The EXPRESS language reference manual
- Part 21: Implementation methods: Clear text encoding of the exchange structure
- Part 31: Conformance testing methodology and framework: General concepts (this Standard)
- Part 41: Integrated generic resources: Fundamentals of product description and support
- Part 42: Integrated generic resources: Geometric and topological representation
- Part 43: Integrated generic resources: Representation structures
- Part 44: Integrated generic resources: Product structure configuration
- Part 46: Integrated generic resources: Visual representation
- Part 101: Integrated application resources: Draughting
- Part 201: Application protocol: Explicit draughting
- Part 203: Application protocol: Configuration controlled design

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ISO		AS	
10303	Industrial automation systems and integration—Product data representation and exchange	10303	Industrial automation systems and integration—Product data representation and exchange
10303-1	Part 1: Overview and fundamental principles	10303.1	Part 1: Overview and fundamental principles

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ISO	AS
10303-32 Part 32: Conformance testing methodology and framework: Requirements on testing laboratories and clients	—
ISO/IEC	
8824 Information technology—Open Systems Interconnection—Abstract Syntax Notation One (ASN.1)	
8824-1 Specification of Basic Notation	—

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