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AS 10303.11—1998
ISO 10303-11:1994

Australian Standard™

Industrial automation systems and integration—Product data representation and exchange

Part 11: Description methods: The EXPRESS language reference manual

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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.

The following interests are represented on Committee IT/6:

Association of Consulting Engineers Australia

Australian Air Transport Association

Australian Chamber of Manufactures

Australian Electrical and Electronic Manufacturers Association

Australian Foundry Institute

Australian Information Industry Association

Australian Institute of Steel Construction

Australian Robot Association

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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 Committee that it be produced as an Australian Standard. It is identical with and has been reproduced from ISO 10303-11:1994, *Industrial automation systems and integration—Product data representation and exchange*, Part 11: *Description methods: The EXPRESS language reference manual*.

The objective of this Standard is to provide users of integrated automation systems with a specification of the EXPRESS language which is a formal information requirements specifications language.

This Standard is Part 11 of AS 10303, *Industrial automation systems and integration—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 (this Standard)
Part 21: Implementation methods: Clear text encoding of the exchange structure
Part 31: Conformance testing methodology and framework: General concepts
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 presentation
Part 101: Integrated application resources: Draughting
Part 201: Application protocol: Explicit draughting
Part 203: Application protocol: Configuration controlled design

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10303-1	Part 1: Overview and fundamental principles	10303.1	Part 1: Overview and fundamental principles

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8824-1	Part 1: Specification of Basic Notation	—	
10646	Information technology—Universal multiple-octet coded character set (UCS)	4189	Information technology—Universal multiple-octet coded Character Set (UCS)
10646-1	Part 1: Architecture and basic multilingual plane	4189.1	Part 1: Architecture and basic multilingual plane

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