AS IEC 61131.8—2004
IEC 61131-8:2000

Australian Standard™

Programmable controllers

Part 8: Guidelines for the application and implementation of programming languages

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PREFACE

This Standard was prepared by the Standards Australia Committee IT-006, Information Technology for Industrial Automation.

The objective of this Standard is to provide guidelines for the implementation of programming languages defined in AS IEC 61131.3 in programmable controller systems and their programming support environments (PSEs).

This Standard is identical with, and has been reproduced from, IEC 61131-8:2000, *Programmable controllers*—Part 8: *Guidelines for the application and implementation of programming languages*.

This Standard is Part 8 of AS IEC 61131 *Programmable controllers*, which consists of the following:

Part 1: General information
Part 2: Equipment requirements and tests
Part 3: Programming languages
Part 4: User guidelines
Part 5: Communications
Part 7: Fuzzy control programming
Part 8: Guidelines for the application and implementation of programming languages (this Standard)

AS IEC 61131 does not have a Part 6. A project to develop IEC 61131-6 *Programmable controller communications via field bus* was deleted in September 2000 by the IEC.

In this Standard, the following print types are used:

– requirements proper: in arial type;

– *test specifications: in italic type;*

– explanatory matter: in smaller arial type.

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) In the source text ‘this part of IEC 61131’ should read ‘this part of AS IEC 61131’.

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

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