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AS 1101.6—1989

Australian Standard®

Graphical symbols for general engineering

Part 6: Process measurement control functions and instrumentation

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PREFACE

This Standard was prepared by the Standards Australia Committee on Technical Drawing to provide a universal means of communication between the various interests involved in the design, manufacture, installation, and operation of measurement and control equipment used in the process industries.

Requirements within the industries vary considerably and, in recognition of this, this Standard sets out basic requirements for symbols, directed towards the needs of those whose prime interest is in basic measurement and control functions.

The Standard is based on ISO 3511/1, *Process measurement control functions and instrumentation—Symbolic representation, Part 1: Basic requirements*; ISO 3511/2, *Process measurement control functions and instrumentation—Symbolic representation, Part 2: Extension of basic requirements*; and ISO 3511/4, *Industrial process measurement control functions and instrumentation—Symbolic representation, Part 4: Basic symbols for process computer, interface and shared display/control functions*. Various changes and additions have been incorporated based on Instrument Society of America Standards and industry practices in Australia. In particular, the flow symbols specified in ISO 3511/1, ISO 3511/2, and ISO 3511/4 were considered too large for graphical display.

The symbols are not intended to replace graphical symbols for equipment as specified in other Australian Standards. This Standard has been developed to stand alone without the need for significant reference to other Standards and, for this reason, duplicates some symbols already shown in other Standards in the AS 1101 series.

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