

Australian Standard<sup>®</sup>

**Graphic symbols for general  
engineering**

**Part 1: Hydraulic and pneumatic  
systems**



This Australian Standard® was prepared by Committee ME-035, Fluid Power Systems and Components. It was approved on behalf of the Council of Standards Australia on 14 November 2007.

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The following are represented on Committee ME-035:

- Australian Chamber of Commerce and Industry
  - Australian Industry Group
  - Bureau of Steel Manufacturers of Australia
  - Engineers Australia
  - NSW Department of Primary Industries, Mineral Resources
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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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## PREFACE

This Standard was prepared by the Standards Australia Committee ME-035, Fluid Power Systems and Components to supersede AS 1101.1—1993, *Graphic symbols for general engineering*, Part 1: *Hydraulic and pneumatic systems*.

The objective of this Standard is to provide those involved in the design, manufacture, operation and maintenance of fluid power systems with a system of graphic symbols for use on components and circuit diagrams and for data-processing applications.

This Standard is identical with and has been reproduced from ISO 1219-1:2006, *Fluid power systems and components—Graphic symbols and circuit diagrams*, Part 1: *Graphic symbols for conventional use and data-processing applications*.

The term ‘informative’ has been used in this Standard to define the application of the annex to which it applies. An ‘informative’ annex is only for information and guidance.

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1219-2	Part 2: Circuit diagrams	—	
3095	Technical product documentation—Lettering	—	
3095-5	Part 5: CAD lettering of the Latin alphabet, numerals and marks	—	
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5598	Fluid power systems and components—Vocabulary	4061	Fluid power systems and components—Vocabulary
14617	Graphical symbols for diagrams (All parts)	—	
81714	Design of graphical symbols for use in the technical documentation of products	—	
81714-1	Part 1: Basic rules	—	

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81714	Design of graphical symbols for use in the technical documentation of products	—
81714-2	Part 2: Specification of graphical symbols in a computer sensible form, including graphical symbols for a reference library and requirements for their interchange	

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