

Australian Standard™

**Pneumatic fluid power—General
requirements for systems
(ISO 4414:1998, MOD)**

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 31 July 2002 and published on 5 August 2002.

The following are represented on Committee ME-035:

Australian Chamber of Commerce and Industry
Australian Industry Group
Australian Institute of Petroleum
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PREFACE

This Standard was prepared by the Standards Australia Committee ME-035, Fluid Power Systems and Components to supersede AS 2788—1985, *Fluid power—Pneumatic systems and components*.

The objective of this Standard is to provide designers and operators of fluid power systems with the general requirements relating to the safety, reliability and maintainability for pneumatic fluid power systems.

This Standard is adopted with Australian modifications and has been reproduced from ISO 4414:1998, *Pneumatic fluid power—General rules relating to systems*.

The Australian modifications are listed in Appendix ZZ and are indicated by margin bars in the text of the Standard.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the annex or appendix to which they apply. A normative annex or appendix is an integral part of a Standard, whereas an ‘informative’ annex or appendix is only for information and guidance.

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<i>Reference to International Standard</i>		<i>Australian Standard</i>	
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1219	Fluid power systems and components—Graphic symbols and circuit diagrams	1101	Graphic symbols for general engineering
1219-1	Part 1: Graphic symbols	1101.1	Part 1: Hydraulic and pneumatic systems
1219-2	Part 2: Circuit diagrams	—	
5598	Fluid power systems and components—Vocabulary	4061	Fluid power systems and components—Vocabulary
5782	Pneumatic fluid power—Compressed air filters		
5782-1	Part 1: Main characteristics to be included in suppliers' literature and product marking requirements	—	
6301	Pneumatic fluid power—Compressed air lubricators		
6301-1	Part 1: Main characteristics to be included in suppliers, literature and product marking requirements	—	

iii

ISO		AS	
6953	Pneumatic fluid power—Air line pressure regulators		
6953-1	Part 1: Main characteristics to be included in commercial literature and specific requirements	—	
8778	Pneumatic fluid power—Standard reference atmosphere	—	
IEC			
204	Electrical equipment of industrial machines	—	
204-1	Part 1: General requirements		
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