

AS 4254—1995

Australian Standard<sup>®</sup>

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**Ductwork for air-handling systems  
in buildings**

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This Australian Standard was prepared by Committee ME/62, Mechanical Ventilation and Air Conditioning. It was approved on behalf of the Council of Standards Australia on 21 September 1994 and published on 5 January 1995.

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The following interests are represented on Committee ME/62:

Association of Consulting Engineers Australia  
Australian Assembly of Fire Authorities  
Australian Construction Services  
Australian Institute of Refrigeration Air Conditioning and Heating  
Australian Uniform Building Regulations Coordinating Council  
Building Owners and Managers Association of Australia  
Council of Air Conditioning and Mechanical Contractors Associations of Australia  
Department of Health, New South Wales  
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Metal Trades Industry Association of Australia  
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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME/62 on Mechanical Ventilation and Air Conditioning. In the preparation of this Standard, consideration was given to a number of publications and relevant Standards. This Standard follows a number of requirements set out in the Sheet Metal and Air Conditioning Contractors National Association's (SMACNA) HVAC Duct Construction Standards for metal and flexible ducts, but with the requirements adapted to the products of local Australian industries.

The objective of this Standard is to provide guidance to designers, manufacturers and installers of air-handling systems for buildings.

The approach to using SMACNA as the basis for an Australian Standard was strongly influenced by—

- (a) the extensive long-term background of SMACNA, which led this document to be regarded as well developed; and
- (b) the use of SMACNA in Australia over a considerable period as the basis for duct construction.

Assistance gained from SMACNA is hereby acknowledged.

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

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