

STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 2428.3—2004

Methods of testing smoke/heat release vents

Method 3: Determination of operating characteristics

RECONFIRMATION NOTICE

Technical Committee ME-062 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 13 October 2015.

The following are represented on Technical Committee ME-062:

Air Conditioning & Mechanical Contractors Association
Australasian Fire and Emergency Service Authorities Council
Australian Building Codes Board
Australian Industry Group
Australian Institute of Refrigeration Air Conditioning and Heating
Chartered Institution of Building Services Engineers
Climate Control Companies Association
Consumer Electronics Suppliers Association
Department of Health and Human Services (TAS)
Engineers Australia
Facility Management Association of Australia
Institute of Refrigeration Heating & AirConditioning Engineers of New Zealand
NATSPEC
The Insulation Contractors Association of Australia NSW
Victorian Building Authority

NOTES

Methods of testing smoke/heat release vents

Method 3: Determination of operating characteristics

PREFACE

This Standard was prepared by Standards Australia Committee ME-062, Ventilation and Air Conditioning to supersede AS 2428.3—1981, *Methods of testing smoke/heat release vents*, Part 3: *Determination of operating characteristics*.

The main changes from the 1981 edition are summarized as follows:

Tests fail criteria was added.

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

METHOD

1 SCOPE

This Standard sets out the method for determining the operating characteristics of a smoke/heat release vent under a specified heat.

2 APPLICATION

This is a type test to be applied to one size of a range of sizes of vents of similar design. This test shall be conducted before the flame contact test of AS 2428.4.

3 REFERENCED DOCUMENTS

AS

2428 Methods of testing smoke/heat release vents

2428.4 Part 4: Determination of effect of flame contact

BS

4937 International thermocouple reference tables

4 PRINCIPLE

The smoke/heat release vent is mounted over a gas burner and the characteristics of its operation are observed at different temperatures.