

Australian Standard™

Methods of testing smoke/heat release vents

Method 3: Determination of operating characteristics

AS 2428.3

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

ISO

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.