

AS 3758—1990

Australian Standard<sup>®</sup>

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**Guide to the evaluation of the  
effectiveness of fire retardants**

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This Australian Standard was prepared by Committee FC, Fire Coordination. It was approved on behalf of the Council of Standards Australia on 19 December 1989 and published on 11 June 1990.

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The following interests and Standards Australia committees are represented on Committee FC:

CSIRO, Division of Housing, Construction and Engineering  
Committee—BD/1/2—Design For Fire  
Committee—BD/18—Fire tests—Building Materials, Components, Structures  
Committee—BD/4/8—Design Against Fire  
Committee—EL/2/10—Electrical Approvals—Plastics Subcommittee  
Committee—EL/3/13—Cables for Use in Limited Fire Conditions  
Board—FP—Fire Protection and Fire Fighting Equipment  
Committee—FP/2—Automatic Fire Detection and Alarm Systems  
Committee—FP/3—Fire Extinguishers  
Committee—FP/4—Automatic Sprinkler Installations  
Committee—FP/5—Reporting Fires  
Committee—FP/7—Fire Hose Reels  
Committee—TX/13—Burning Behaviour of Textiles and Textile Products  
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## PREFACE

This Standard was prepared by the Standards Australia Committee on Fire Coordination.

The Standard has been produced following requests for guidance in evaluating the short-term and long-term effectiveness of treatments periodically offered as fire retardants when applied to various materials. It brings together information to facilitate the evaluation of fire retardants, with particular attention being given to substances and treatments which may be offered to the public.

A handbook of Australian fire Standards is in the course of preparation, and will be of assistance in providing an overview of particular fire testing methods for evaluating fire retardant treatments.

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