

Australian Standard™

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**Explosives—Storage, transport  
and use**

**Part 4: Pyrotechnics—  
Outdoor displays**

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This Australian Standard was prepared by Committee CE/5, Explosives. It was approved on behalf of the Council of Standards Australia on 30 December 1997 and published on 5 July 1998.

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The following interests are represented on Committee CE/5:

Australian Institute of Explosives Engineers  
Australian Institute of Mining and Metallurgy  
Australian Chamber of Commerce and Industry  
AUSTROADS  
Chamber of Mines of Western Australia  
Crushed Stone Association of Australia  
Department of Defence  
Department for Industrial Affairs, S.A.  
Department of Mineral Resources, N.S.W.  
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Minerals Council of Australia  
Royal Australian Chemical Institute  
Sydney Water Corporation  
Victorian WorkCover Authority  
WorkCover New South Wales  
Work Health Authority, N.T.  
Workplace Standards Authority, Tas.

Additional interests participating in preparation of Standard:

Pyrotechnic Interests

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*This Standard was issued in draft form for comment as DR 96479.*

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## PREFACE

This Standard was prepared by the Standards Australia Committee CE/5, Explosives, in response to the need, articulated by users of pyrotechnics for outdoor displays, that requirements for secure and safe working conditions be specified.

This Standard is one of a series dealing with explosives and pyrotechnics. The series consists of the following:

### AS

- 2187 Explosives—Storage, transport and use
- 2187.0 Part 0: Terminology
- 2187.1 Part 1: Storage
- 2187.2 Part 2: Use of explosives
- 2187.4 Part 4: Pyrotechnics—Outdoor displays (this Standard)

It is proposed to publish a further three parts, consisting of the following:

- Use of explosives
- Pyrotechnics—Indoor theatrical and film sets
- Pyrotechnics—Marine distress signals
- Pyrotechnics—Shop goods fireworks

The objective of this Standard is to provide users of pyrotechnics for outdoor displays and regulatory authorities with acceptable requirements to minimize risk of injury to persons or damage to property.

Statements expressed in mandatory terms in notes to tables are deemed to be requirements of this Standard.

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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**Australian Standard**

**Explosives—Storage, transport and use**

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Part 4: Pyrotechnics—Outdoor displays

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SECTION 1 SCOPE AND GENERAL

**1.1 SCOPE** This Standard sets out requirements and precautions, within a display site, for the storage, conveyance, handling and use of pyrotechnics for outdoor displays, and for conducting such displays. The Standard does not apply to pyrotechnics—

- (a) for indoor theatrical and film sets;
- (b) for marine distress signals;
- (c) classified as shop goods fireworks and toy fireworks; or
- (d) for model rocket motors.

**1.2 APPLICATION** This Standard applies only to those pyrotechnics used in outdoor displays.

NOTES:

- 1 Regulatory authorities controlling storage, handling and use of pyrotechnics for outdoor displays may have regulations or may otherwise impose conditions which differ from the requirements of this Standard.
- 2 Outdoor displays may be subject to legislative requirements and where necessary the operator should consult the regulatory authority.
- 3 Fire authorities and local councils may require notification and approval of a pyrotechnic display.

**1.3 REFERENCED DOCUMENTS** The following documents are referred to in this Standard:

AS

- 1319 Safety signs for the occupational environment
- 2187 Explosives—Storage, transport and use
- 2187.0 Part 0: Terminology
- 2187.1 Part 1: Storage
- 2187.2 Part 2: Use of explosives

AS/NZS

- 1337 Eye protectors for industrial applications
- 1801 Occupational protective helmets
- 1841 Portable fire extinguishers
- 1841.2 Part 2: Specific requirements for water type extinguishers
- 2210 Occupational protective footwear
- 2210.2 Part 2: Specification

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