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# Australian Standard 2187, Part 2—1979

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## SAA EXPLOSIVES CODE PART 2—USE OF EXPLOSIVES



**STANDARDS ASSOCIATION OF AUSTRALIA**

*Incorporated by Royal Charter*



THE FOLLOWING INDUSTRIAL, PROFESSIONAL, SCIENTIFIC AND GOVERNMENTAL organizations and departments were officially represented on the committee entrusted with the preparation of this standard:

Australian Clay Products Association  
Australian Mining Industry Council  
Broken Hill Mining Managers Association  
Chamber of Mines of Western Australia Incorporated  
Confederation of Australian Industry  
Department of Defence  
Department of Labour and Industry, N.S.W.  
Department of Minerals and Energy, Victoria  
Department of Mineral Resources and Development, N.S.W.  
Department of Mines and Energy, Northern Territory  
Department of Services and Supply, South Australia  
Department of Public Works, N.S.W.  
Metropolitan Water Sewerage and Drainage Board, Sydney  
Mines Department, Queensland  
Mines Department, Tasmania  
Mines Department, Western Australia  
National Association of Australian State Road Authorities  
Quarry Masters Association of New South Wales  
Railways of Australia Committee  
Snowy Mountains Hydro-electric Authority

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This standard, prepared by Committee CE/5 Explosives, was approved on behalf of the Council of the Standards Association of Australia on 19 February 1979, and was published on 1 June 1979.

To keep abreast of progress in industry, Australian standards are regularly reviewed. Suggestions for improvements, addressed to the head office of the Association, are welcomed.

January 1980

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**CORRIGENDUM**

to

**AS 2187 Part 2—1979**

**SAA EXPLOSIVES CODE**

**Part 2—USE OF EXPLOSIVES**

**SUMMARY:** This corrigendum covers Appendix J of the standard.

Published on 1 February 1980.

**AUSTRALIAN STANDARD**

**RULES FOR THE  
STORAGE, TRANSPORT AND USE  
OF EXPLOSIVES**

known as the  
**SAA EXPLOSIVES CODE**

**PART 2  
USE OF EXPLOSIVES**

**AS 2187, Part 2-1979**

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## PREFACE

This standard was prepared by the Association's Committee on Explosives as the second part of the revision and metrication of AS CA23 — 1967. The first part deals with the storage and transport of explosives. Together, Parts 1 and 2 supersede AS CA23 — 1967.

During the course of its revision work the committee reviewed the best practices from overseas and believes that this standard will provide a guide to safe working for all those using explosives irrespective of the scale of the operation.

This standard may require reference to the following standards:

AS 1055	Code of Practice for Noise Assessment in Residential Areas
AS 2106	Methods for the Determination of the Flashpoint of Flammable Liquids (Closed Cup)
AS 3000 Part 1	SAA Wiring Rules
BS 4992	Guide to Protection against Ignition and Detonation Initiated by Radio Frequency Radiation
BS 2050	Electrical Resistance of Conductive and Antistatic Products Made from Flexible Polymeric Material.

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## STANDARDS ASSOCIATION OF AUSTRALIA

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**Australian Standard**  
**RULES FOR THE STORAGE, TRANSPORT AND**  
**USE OF EXPLOSIVES**

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PART 2. USE OF EXPLOSIVES

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## SECTION 1. SCOPE AND GENERAL

**1.1 SCOPE.** These Rules (hereinafter referred to as this Part of the Code), set out requirements and precautions for the use of factory-made explosives and certain explosives mixed at sites. They do not apply to the following:

- (a) Explosives used in underground coalmines.
- (b) Safety ammunition.
- (c) Pyrotechnics including fireworks, rockets, fog signals or the like.

**NOTE:** This Part of the Code should not be regarded as overriding statutory requirements, including licensing, but may be construed as a set of working rules to be used in conjunction with such requirements.

**1.2 NEW MATERIALS, METHODS AND APPLICATIONS.** This Part of the Code shall not be interpreted to prevent the use of materials, methods or applications not covered by this Part of the Code.

**NOTE:** Such materials, methods, applications or departures should be submitted to the appropriate Regulatory Authority for approval.

**1.3 DEFINITIONS.** For the purpose of this Part of the Code, the definitions given in AS 2189 apply.

## SECTION 2. GENERAL REQUIREMENTS

**2.1 SHOTFIRER.** A shotfirer shall be a person approved by the Regulatory Authority to prepare and fire explosives.

**NOTES:**

1. Attention is drawn to the fact that the age limit for shotfirers varies between States.
2. Some Authorities provide courses for those wishing to become shotfirers.

**2.2 HANDLING OF EXPLOSIVES.** Operations which could lead to ignition of explosives shall not be carried out within 6 m of where explosives are being handled, nor shall any fire, spark or other source of ignition be brought within this distance, except such as may be necessary and normally used to fire an explosive charge.

**2.3 REPORTING OF THEFT OR LOSS OF EXPLOSIVES.** Theft of explosives, detonators,

detonating cord or igniter cord, or any unaccountable stock shortage of such, shall be immediately reported to the nearest police station and/or to the appropriate authority.

**2.4 REPORTING OF INJURY TO PERSONS OR PROPERTY.**

**2.4.1 Damage to Property.** Where property is damaged by blasting operations, such damage shall be immediately reported to the appropriate authority.

**2.4.2 Injury to Persons.** Where a person has been injured through blasting operations, no person shall without the permission of the Authority, disturb move or remove any equipment or material other than to rescue any person injured or recover the body of any person killed by such explosion.

## SECTION 3. MARKING

**3.1 IDENTIFICATION.** Only commercial explosives that are marked in accordance with the requirements of the Regulatory Authority shall be used. Such marking shall include the following:

- (a) Authorized name.

- (b) IMCO\* classification.
- (c) Manufacturer's name.
- (d) Date of manufacture.

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\* Intergovernmental Maritime Consultative Organization.