

Australian Standard™

**Explosives—Storage, transport
and use**

Part 0: Terminology

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.

The following interests are represented on Committee CE/5:

Australian Chamber of Commerce and Industry
Australian Institute of Explosives Engineers
Australian Institute of Mining and Metallurgy
AUSTROADS
Chamber of Mines of Western Australia
Crushed Stone Association of Australia
Department of Defence
Department for Industrial Affairs, S.A.
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Energy and Minerals, Vic.
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Originated as AS A166—1968.
Previous edition AS 2189—1983.
Revised and redesignated AS 2187.0—1998.

PREFACE

This Standard was prepared by Standards Australia Committee CE/5, Explosives, to supersede AS 2189—1983, *Explosives—Glossary of terms*.

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

AS

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

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 definition for terms referred to in the AS 2187 series of Standards and those commonly used in the explosives and pyrotechnic industries.

Documents referred to in this Standard are listed in Appendix A.

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STANDARDS AUSTRALIA

Australian Standard

Explosives—Storage, transport and use

Part 0: Terminology

Term	Definition
acoustic warning (or sound signal or warning signal)	A distinctive audible warning, used to indicate the progress of blasting operations to persons who may be affected by the noise, air blast or vibration.
advance	The distance an excavation progresses in a tunnel drive following the firing of a round of explosives.
aerial display, high	A rocket or mortar launched pyrotechnic device which rises to a height greater than 70 m in a vertical plane above the point of launch.
aerial display, low	A rocket or mortar launched pyrotechnic device which rises to a height less than 70 m in a vertical plane above the point of launch.
aerial shell (or shell)	A firework which is designed to burst high in the air and is projected from a mortar by a lifting charge. Aerial shells are typically cylindrical or spherical canisters containing pyrotechnic or novelty effects with an internal explosive charge intended to break the shell. Attached to the base of each shell is a lift charge consisting of a propellant primed with a length of quick-match fuse, an electric igniter or green safety fuse. Aerial shells may contain stars, comets, serpents, crackers, streamers or other effects.
air blast	A shock wave generated by an explosion and transmitted through the air.
air concussion	<i>See</i> air blast
ALANFO	A mixture of ANFO and aluminium powder.
AN	Ammonium nitrate.
ANFO	A mixture of ammonium nitrate and fuel oil with or without a dye colouring agent.
ANFO charger	<i>See</i> ANFO loader
ANFO loader	Pneumatic equipment consisting of a container or pressure vessel and semiconducting charging hose used to place ANFO in drill holes.