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Reconfirmed 2021

Australian Standard[®]

Wheeled fire extinguishers

This Australian Standard was prepared by Committee FP/3, Fire Extinguishers. It was approved on behalf of the Council of Standards Australia on 7 November 1994 and published on 5 March 1995.

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Australian Fire Authorities Council
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This Standard was issued in draft form for comment as DR 93062.

STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 4265—1995

Wheeled fire extinguishers

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Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 24 March 2021.

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NOTES

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Australian Standard[®]

Wheeled fire extinguishers

First published as AS 4265—1995.

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee FP/3 on Fire Extinguishers, and covers wheeled fire extinguishers using metal cylinders.

This Standard is the result of a consensus among the representatives on the Joint Committee to produce it as an Australian Standard.

The object of this Standard is to provide specific requirements for wheeled fire extinguishers in which the extinguishant can be expelled either by gas stored under pressure in the cylinder of the extinguisher or by the release of gas from a compressed gas container. The Standard refers to materials, methods of manufacture and performance of the extinguisher and any associated compressed gas container.

In New Zealand, pressure testing of all fire extinguisher over 500 mL in water capacity must be carried out at an approved test station in accordance with the *NZ Dangerous Goods (Class 2-gases) Regulations* and the *Department of Labour—Guide to gas cylinders*. The testing revolves around a five-yearly test cycle once the extinguisher is five years of age and has been discharged. This rule also applies to compressed gas containers.

The classification and rating of fire extinguishers in New Zealand for Class A and Class B risks is determined from the results of performance tests set out in NZS 4507:1978, *Specification for fire testing and rating of portable fire extinguishers*.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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STANDARDS AUSTRALIA

Australian Standard
Wheeled fire extinguishers

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE This Standard specifies the requirements for wheeled fire extinguishers in which the extinguishant can be expelled by either gas stored under pressure in the cylinder of the extinguisher or by pressure of gas released from a compressed gas container. This Standard refers to materials, methods of manufacture and performance of the extinguisher and any associated compressed gas container; and also to instructions and markings.

Where gases are used as a propellant or to facilitate leak detection that may have ozone depleting properties, consideration should be given to the compliance with the provisions of the Commonwealth Ozone Protection Act 1989 and its regulations.

This Standard applies to the following types of wheeled fire extinguishers:

- (a) Water (gas container).
- (b) Water (stored pressure).
- (c) Wet chemical (stored pressure).
- (d) Foam (gas container).
- (e) Foam (stored pressure).
- (f) Powder (gas container).
- (g) Powder (stored pressure).
- (h) Carbon dioxide type.
- (i) Vapourizing liquid type (stored pressure)

NOTE: A wheeled fire extinguisher is generally referred to in this Standard as 'an extinguisher' or 'the extinguisher'.

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

AS	
1777	Aluminium cylinders for compressed gases—Seamless 0.1 kg to 130 kg
1841	Portable fire extinguishers
1841.1	Part 1: General requirements
1850	Portable fire extinguishers—Classification, rating and performance testing
2030	The approval, filling, inspection, testing and maintenance of cylinders for the storage and transport of compressed gases (known as the SAA Gas Cylinders Code)
2030.1	Part 1: Cylinders for compressed gases other than acetylene
2337	Gas cylinder test stations
2470	Steel cylinders for compressed gases—Welded—11 kg to 150 kg