

Australian/New Zealand Standard™

Portable fire extinguishers

Part 2: Specific requirements for water type extinguishers

1 SCOPE

This Standard specifies requirements for portable rechargeable fire extinguishers of the water type.

2 APPLICATION

Portable, rechargeable, water fire extinguishers shall comply with AS/NZS 1841.1 and the requirements of this Standard.

Where requirements differ, this Standard shall take precedence.

3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS/NZS

1841 Portable fire extinguishers

1841.1 Part 1: General requirements

1850 Portable fire extinguishers—Classification, rating and performance testing

4 EXTINGUISHANT

Water, to which may be added corrosion inhibitors, freezing point depressants and wetting agents. Such additions shall not cause the solution to be corrosive, flammable, combustible or toxic.

5 ASSIGNED FIRE RATING

Extinguishers without additives having a capacity of 9 L or more may be deemed to have achieved a test fire rating of 2A in accordance with AS/NZS 1850, provided the discharge jet is maintained at an effective range of 6 m for a period of not less than 60 s and the required discharge takes place in not more than 120 s.

6 MARKING

In addition to the requirements of AS/NZS 1841.1, every water-type extinguisher shall be marked with the following:

- (a) Where an extinguisher is or is to be filled with potable water, or potable water to which additives may be added to combat local conditions, such as corrosion inhibitors or freezing point depressants, the word 'WATER'.

Where the manufacturer recommends the use of additives to combat local conditions, the manufacturer shall identify the additive on the label and on the service instructions.

- (b) Where an extinguisher is or is to be filled with water plus a performance enhancing additive, such as a wetting agent, then the words 'WATER WITH ADDITIVES'.
- (c) The size in terms of the volume of extinguishant, in litres.