

# Australian/New Zealand Standard™

## Portable fire extinguishers

### Part 3: Specific requirements for wet chemical type extinguishers

#### 1 SCOPE

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

NOTE: Some extinguishing agents may be classified by regulatory authorities as being hazardous. In such cases these authorities may require special markings on containers and special precautions to be taken when disposing of the extinguishants and their containers.

#### 2 APPLICATION

Portable, rechargeable, wet chemical 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 document is referred to in this Standard:

AS/NZS  
1841 Portable fire extinguishers  
1841.1 Part 1: General requirements

#### 4 EXTINGUISHANT

A solution, having a pH value not exceeding 10 usually of alkali metal salts, primarily formulated for fires involving cooking oils and fats. The solution shall be non-flammable and shall not produce toxic fumes.

#### 5 HOSE ASSEMBLY

The rigid portion of the discharge nozzle, including any rigid wand, shall not be greater than 150 mm in length.

#### 6 MARKING

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

- (a) The words 'WET CHEMICAL'.
- (b) The size, in terms of the volume of wet chemical, in litres.
- (c) A commencement distance from the fire, which shall be at least two metres.
- (d) The following warnings:
  - (i) **WARNING:** IF CONTENTS ARE SPLASHED ON EYES OR SKIN, FLUSH THOROUGHLY WITH WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
  - (ii) **WARNING:** AFTER OPERATION, CLEAN WETTED SURFACES AND DISCARD CONTAMINATED FOODSTUFFS.