

Australian Standard™

**Methods for the determination of the
flash point of flammable liquids
(closed cup)**

**Part 3: Determination of flash/no flash—
Rapid equilibrium closed cup method**

This Australian Standard was prepared by Committee CH-009, Safe Handling of Chemicals. It was approved on behalf of the Council of Standards Australia on 5 April 2005. This Standard was published on 26 April 2005.

The following are represented on Committee CH-009:

Air Conditioning and Refrigeration Wholesalers Association
Australasian Fire Authorities Council
Australasian Railway Association
Australian Consumer & Specialty Products Association
Australian Institute of Petroleum
Avcare
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PREFACE

This Standard was prepared by Joint Australian/New Zealand Standards Committee CH-009, Safe Handling of Chemicals, to supersede AS/NZS 2106.3:1999, *Methods for the determination of the flash point of flammable liquids (closed cup)*, Part 3: *Flash/no flash test—Rapid equilibrium method*. It is identical with, and has been reproduced from ISO 3680:2004, *Determination of flash/no flash—Rapid equilibrium closed cup method*.

The objective of this Standard is to provide a rapid equilibrium method for determining whether or not a product under test has a flash point at, below, or above a selected temperature, using a smaller test portion (2 to 4 mL) than that required for some other methods.

The main changes between this edition and that published in 1999 include procedures on the calibration (verification) of apparatus and on sample handling.

As this publication has been reproduced from an International Standard, the following modifications apply:

- (a) Its number does not appear on each page of text and its identity is shown on the cover and title page.
- (b) In the source test 'this 'International Standard' should read 'this Australian Standard'.
- (c) Substitute full point for a comma when referring to a decimal marker.

References to International Standards should be replaced by Australian Standards, as follows:

<i>Reference to International Standard</i>	<i>Australian Standard</i>	
ISO	AS/NZS	
1513 Paints and varnishes—Examination and preparation of samples for testing	1580	Paints and related materials— Methods of test
	1580.103.1	Method 103.1: Examination and preparation of samples for testing
	AS	
1516 Determination of flash/no flash—Closed cup equilibrium method	2106	Methods for the determination of the flash point of flammable liquids (closed cup)
	2106.5	Part 5: Determination of flash/no flash—Closed cup equilibrium method
3679 Determination of flash point—Rapid equilibrium closed cup method	2106.4	Part 4: Determination of flash point—Rapid equilibrium closed cup method

Other International Standards referenced in the source document have not been adopted as Australian Standards.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the annex to which they apply. A 'normative' annex is an integral part of a Standard, whereas an 'informative' annex is only for information and guidance.

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