

# Methods of testing bitumen and related roadmaking products

## Method 14: Determination of flashpoint of bitumen

### PREFACE

This Standard was prepared by the Standards Australia Committee CH-025, Bitumen and Related Products (for Roadmaking), to supersede, AS 2341.14—1992, *Methods of testing bitumen and related roadmaking products*, Method 14: *Determination of flashpoint of residual bitumen*.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

This Standard is based on IP 35, *Determination of Open Flash and Fire Point—Pensky-Martens Method*, and is equivalent to ASTM D92, *Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester*.

### METHOD

#### 1 SCOPE

This Standard sets out a procedure for the determination of the open cup flashpoint of bitumens over a range of 200°C to 350°C.

#### 2 SAFETY DISCLAIMER

**WARNING: THE USE OF THIS AUSTRALIAN STANDARD MAY INVOLVE HAZARDOUS MATERIALS, OPERATIONS AND EQUIPMENT. THIS AUSTRALIAN STANDARD DOES NOT PURPORT TO ADDRESS ALL OF THE SAFETY ISSUES ASSOCIATED WITH ITS USE. IT IS THE RESPONSIBILITY OF THE USER OF THIS AUSTRALIAN STANDARD TO ESTABLISH APPROPRIATE SAFETY AND HEALTH PRACTICES AND DETERMINE THE APPLICABILITY OF REGULATORY LIMITATIONS PRIOR TO USE.**

#### 3 REFERENCED DOCUMENTS

##### AS

- 2106 Methods for the determination of the flash point of flammable liquids (closed cup)
- 2106.2 Method 2: Determination of flash point—Pensky-Martens closed cup method

##### AS/NZS

- 2341 Methods of testing bitumen and related roadmaking products
- 2341.1 Part 1: Precision data—Definitions
- 2341.21 Method 21: Sample Preparation