

# Australian/New Zealand Standard™

## Methods of sampling and testing asphalt

### Method 10: Moisture content of asphalt

#### PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CE-006, Asphalt and Sprayed Surfacing, to supersede AS 2891.10—2005, *Methods of sampling and testing asphalt*, Method 10: *Water and volatile oils content*.

The objective of this Standard is to set out the method for determining the moisture content of asphalt by oven drying.

The principle difference between this revision and the superseded standard is to change the method from determining moisture content and volatile oil content of asphalt using a boiling test to a method determining moisture content only by oven drying. The revision also facilitates measuring the moisture content of larger size asphalt mixes.

#### METHOD

##### 1 SCOPE

This Standard sets out two methods for determining, by loss in mass from oven drying, the moisture content of freshly produced hot or warm mixed asphalt. The methods are not applicable to asphalt that may contain any volatile material.

##### 2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS/NZS

2891 Methods of sampling and testing asphalt

2891.1.1 Method 1.1: Sampling—loose asphalt

##### 3 DEFINITIONS

For the purpose of this Standard, the definitions given in AS/NZS 2891.1.1 apply.

##### 4 APPARATUS

The following apparatus is required:

- (a) *Oven* Thermostatically controlled and operating at a set temperature of between 150°C and 170°C.