

# Australian/New Zealand Standard™

AS/NZS 2891.7.3:2014

## Methods of sampling and testing asphalt

### Method 7.3: Determination of maximum density of asphalt—Methylated spirits displacement

#### PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CE-006, Asphalt and Sprayed Surfacing, to supersede AS 2891.7.3—2005.

#### METHOD

##### 1 SCOPE

This Standard sets out the method for determining the maximum density of asphalt. It measures the density of the voidless asphalt by displacement of methylated spirits.

##### 2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

- 1141 Methods for sampling and testing aggregates
- 1141.2 Method 2: Basic testing equipment

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- 2891 Methods of sampling and testing asphalt
- 2891.1.1 Method 1.1: Sampling—Loose asphalt

##### 3 SAFETY PRECAUTIONS

As methylated spirits is a flammable liquid, care shall be taken to ensure that the test is performed well away from a naked flame or sparking electrical equipment.

##### 4 DEFINITIONS

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

##### 5 MATERIALS

The following materials are required:

- (a) *Methylated spirits* Commercial grade.
- (b) Potable water.
- (c) *Paper towels or other suitable drying material.*