

# Australian/New Zealand Standard™

## Methods of sampling and testing asphalt

### Method 2.1: Sample preparation—Mixing, quartering and conditioning of asphalt in the laboratory

AS/NZS 2891.2.1:2014

#### PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CE-006, Asphalt and Sprayed Surfacing, to supersede AS 2891.2.1—1995.

The objective of this Standard is to set out the method for the preparation and conditioning of asphalt mixtures in the laboratory. This revision reflects current practice and provides additional information on specified asphalt binder types and their mixing and conditioning temperatures.

#### METHOD

##### 1 SCOPE

This Standard sets out a method for mixing, quartering and conditioning of asphalt mixes prepared in a laboratory.

##### 2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

2008 Bitumen for pavements

AS/NZS

2891 Methods of sampling and testing asphalt

2891.1.1 Method 1: Sampling—loose asphalt

Austrroads

AGPT/T190 Specification framework for polymer modified binders and multigrade bitumens

New Zealand Transport Agency

NZTA M/1 Specification for roading bitumens

##### 3 APPARATUS

The following apparatus is required:

- (a) *Mechanical mixer*—preferably with a planetary action capable of mixing sufficient quantities of asphalt for the tests required.
- (b) *Mixing bowls and beater.*