

Australian/New Zealand Standard™

AS/NZS 2891.5:2015

Methods of sampling and testing asphalt

Method 5: Compaction of asphalt by Marshall method and determination of stability and flow—Marshall procedure

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CE-006, Asphalt and Sprayed Surfacing, to supersede AS 2891.5—2004, *Methods of sampling and testing asphalt—Determination of stability and flow—Marshall procedure*.

The term ‘informative’ has been used in this Standard to define the application of the appendices to which it applies. An ‘informative’ appendix is only for information and guidance.

METHOD

1 SCOPE

This Standard sets out the method for preparing specimens of asphalt (either produced in the laboratory or at a mixing plant) by the Marshall procedure and determining stability and flow values of the specimens using the Marshall apparatus. It is applicable to asphalt mixes not exceeding 20 mm nominal size.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS	
2008	Bitumen for pavements
2193	Calibration and classification of force-measuring systems
AS/NZS	
2891	Methods of sampling and testing asphalt
2891.1.1	Method 1.1: Sampling—Loose asphalt
2891.2.1	Method 2.1: Sample preparation—Mixing, quartering and conditioning of asphalt in the laboratory
2891.9.1	Method 9.1 Determination of bulk density of compacted asphalt—Waxing procedure
2891.9.2	Method 9.2: Determination of bulk density of compacted asphalt—Presaturation method
2891.9.3	Method 9.3: Determination of bulk density of compacted asphalt—Mensuration method