

Australian/New Zealand Standard™

Methods of sampling and testing asphalt

Method 1.1: Sampling—Loose asphalt

AS/NZS 2891.1.1:2013

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CE-006, Asphalt and Sprayed Surfacing, to supersede AS 2891.1.1—2008.

METHOD

1 SCOPE

This Standard sets out procedures for obtaining samples of loose asphalt using manual or mechanical methods and includes sampling from stockpiles.

The Standard also specifies methods for the preparation of bulk samples to produce test portions ready for testing. It does not include methods of sampling asphalt from a road pavement, whether compacted or not.

NOTE: Guidance on the principles of obtaining samples of asphalt is given in Appendix A.

2 REFERENCED DOCUMENTS

The following document is referred to in this Standard:

AS

1141 Methods for sampling and testing aggregates

1141.2 Method 2: Basic testing equipment

3 DEFINITIONS

For the purpose of this Standard, the definitions below apply.

3.1 Asphalt

A mixture of bituminous binder and aggregate with or without added mineral filler.

3.2 Bulk sample

Approximately equal sized sample increments, mixed thoroughly until uniform throughout.

3.3 Nominal size of mix

A designation for a mix, chosen to give an indication of the largest size particle present expressed as a convenient whole number above the largest sieve size to retain greater than 0% and less than 10% of the aggregate material.

3.4 Sample increment

The basic unit of sampling being a quantity of the material taken directly from the sample site.