

Australian/New Zealand Standard™

Methods of sampling and testing asphalt

Method 3.2: Binder content and aggregate grading—Centrifugal extraction method

AS/NZS 2891.3.2:2013

PREFACE

This Standard was prepared by the Joint Standards/Standards New Zealand Committee CE-006, Asphalt and Sprayed Surfacing, to supersede AS/NZS 2891.3.2:1997, *Methods of sampling and testing asphalt*, Method 3.2: *Bitumen content and aggregate grading—Centrifugal extraction method*.

METHOD

1 SCOPE

This Standard sets out the method for determining, by centrifugal extraction, the binder content of mixes containing a bituminous binder, and subsequently the particle size distribution of aggregate by sieve analysis. This method may not be satisfactory when used with mixes made of highly absorptive aggregates.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

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| 1141 | Methods for sampling and testing aggregates |
| 1141.11.1 | Method 11.1: Particle size distribution—Sieving method |
| 1152 | Specification for test sieves |
| 1681 | Safety requirements for electrically-heated Type 1 ovens in which flammable volatiles occur |

AS/NZS

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| 2243 | Safety in laboratories |
| 2243.8 | Part 8: Fume cupboards |
| 2891 | Methods of sampling and testing asphalt |
| 2891.1.1 | Method 1.1: Sampling—Loose asphalt |

ASTM

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| D2172 | Test methods for quantitative extraction of bitumen from bituminous paving mixtures |
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Safe Work Australia

Exposure standards for atmospheric contaminants in the occupational environment