

Australian/New Zealand Standard™

Methods of sampling and testing asphalt

Method 7.1: Determination of maximum density of asphalt—Water displacement method

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CE-006, Asphalt and Sprayed Surfacing, to supersede AS 2891.7.1—2004. It is based on Vicroads (Roads Corporation trading as VicRoads) method CRB 202.01, *Void Free Bulk Density of Asphalt (After Rice)* (August 1976).

The objective of the Standard is to determine the maximum density of asphalt by displacement of water, using either an on balance or under balance method.

The objective of this revision is to introduce the method for determining the maximum density using the under balance method using a Buchner type flask or other suitable apparatus.

METHOD

1 SCOPE

This Standard determines the maximum density of asphalt by displacement of water using either an on balance method or an under balance weighing method.

2 REFERENCED DOCUMENT

The following document is referred to in this Standard:

AS/NZS
2891 Methods of sampling and testing asphalt
2891.1.1 Method 1.1: Sampling—Loose asphalt

3 SAFETY DISCLAIMER

WARNING: THE USE OF THIS STANDARD MAY INVOLVE HAZARDOUS MATERIALS, OPERATIONS AND EQUIPMENT. THIS STANDARD DOES NOT PURPORT TO ADDRESS ALL OF THE SAFETY PROBLEMS ASSOCIATED WITH ITS USE. IT IS THE RESPONSIBILITY OF THE USER OF THIS STANDARD TO ESTABLISH APPROPRIATE SAFETY AND HEALTH PRACTICES AND DETERMINE THE APPLICABILITY OF REGULATORY LIMITATIONS PRIOR TO USE.

4 DEFINITIONS

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