Australian Standard™

Methods for sampling and testing aggregates

Method 3.3: Sampling—Preparation of stabilized pavement materials

1 SCOPE This Standard sets out the method for the addition, in the laboratory, of stabilizing binders such as lime, blended lime mixtures, cement, blended cements, bituminous or other materials to soils, gravels and crushed rock pavement materials, in preparation for use in an appropriate test method.

The size fraction of the material to be prepared will depend on the test to be performed on the stabilized material. For unconfined compressive strength tests and California bearing ratio tests the fraction used has to be that passing the 19.0 mm sieve.

NOTE: The binders usually used for stabilized pavements are covered by the following Standards:

(a) Limes, AS 1672.1.

(b) Cements, AS 3972.

(c) Bitumens, AS 1160, AS 1507 and AS 2157.

2 REFERENCED DOCUMENTS The following Standards are referred to in this Standard.

AS	
1141	Methods for sampling and testing aggregates
1141.2	Method 2: Basic testing equipment
1141.3.1	Method 3.1: Sampling—Aggregates
1141.51	Method 51: Unconfined compressive strength of compacted materials
1152	Specification for test sieves
1160	Bitumen emulsions for construction and maintenance of pavements
1289	Methods of testing soils for engineering purposes
1289.2.1.1	Method 2.1.1: Soil moisture content tests—Determination of the moisture content of soil—Oven drying method (Standard method)
1289.2.1.2	Method 2.1.2: Determination of the moisture content of a soil—Sand bath method (subsidiary method)
1289.2.1.4	Method 2.1.4: Determination of the moisture content of a soil—Microwave-oven drying method (subsidiary method)
1289.2.1.5	Method 2.1.5 Determination of the moisture content of a soil—Infrared lights method (subsidiary method)
1289.2.1.6	Method 2.1.6 Determination of the moisture content of a soil—Hotplate drying method (subsidiary method)
1507	Road tars for pavements
1672	Limes and limestones
1672.1	Part 1: Limes for building
2157	Cutback bitumen
3972	Portland and blended cements

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