

Australian Standard™

Methods for sampling and testing aggregates**Method 25.2: Degradation factor—Coarse aggregate**

This Standard incorporates Amendment No. 1 (August 2019). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

1 SCOPE

This Standard sets out the method for the determination of the degradation factor of coarse aggregates. The test categorizes the fines produced by self-abrasion in the presence of water.

NOTE: This Method is based on Washington State Highways Department (WSHD) Test Method No. 1134, *Method of Test for Determination of Degradation Value*. Most of the experience with this Method has been with basic igneous rocks, but it may be used for other igneous and metamorphic rock types. The selection of an appropriate test sample depends on visual categorization of aggregate particles.

2 APPLICATION

This Method is intended mainly for use as a diagnostic test and rejection of aggregate should not be based on the results of this Method alone. Due to the labour intensive nature of the sample selection, it is not recommended for routine production control.

3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

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| | 1141 | Methods for sampling and testing aggregates |
| A1 | 1141.1 | Part 1: Definitions |
| | 1141.2 | Method 2: Basic testing equipment |
| | 1141.3.1 | Method 3.1: Sampling—Aggregates |

A1 | **[Text deleted]**

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| | 1289 | Methods of testing soils for engineering purposes |
| | 1289.3.7.1 | Method 3.7.1: Determination of the sand equivalent of a soil using a power-operated shaker |

ASTM

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| | D2419 | Standard Test Method for Sand Equivalent Value of Soils and Fine Aggregate |
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Washington State Highways Department (WSHD) Test Method No. 1134, Method for Test for Determination of Degradation Value