Test Method
RC 302.11
March 2018

Flakiness Index of Graded Materials (excluding single-sized aggregates)

1. Scope

This method applies to the determination of the flakiness index of graded materials, as supplied in accordance with VicRoads Code of Practice RC 500.02 – *Registration of Crushed Rock Mixes*, for use in VicRoads Standard Specification Section 304 – *Unbound Flexible Pavement Construction*, and other graded materials.

2. Procedure

The procedure shall be in accordance with AS 1141.15 – *Methods for sampling and testing aggregates – Method 15: Flakiness index*, except as follows:

Clause in AS 1141.15	Action	Changed text for RC 302.11
1. Scope	Delete existing text of the Scope in AS 1141.15 and replace with new text.	This Method determines the flakiness index of a graded material. The Method applies to graded materials having a nominal size not greater than 63.0 mm and having at least 35% by mass retained on a 4.75 mm sieve. The Method makes reference to a particle size distribution procedure which is required for determination of flakiness index.
5.2 (a)	Delete existing text of Clause 5.2 (a) and replace with new text.	Combine the size fractions retained on the sieve as necessary, into the fractions shown in Table 1. Take these test fractions from the coarsest downwards until at least 35% of the sample is obtained. Record the mass of each test fraction as (m_1) to the nearest 1 g.

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VicRoads Test Method - Revision Summary

RC 302.11 – Flakiness Index of Graded Materials

Date	Clause	Description of Revision	Authorised by
March 2018	2	Added changed text for cl 5.2(a) of AS 1141.15	Manager – Construction Materials
June 2017	Full method	New Issue	Manager – Construction Materials

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