

**Coarse Aggregate Quality
by Visual Assessment**

As for AS 1141.30.1, with the following changes:

Clause in AS 1141.30.1	Change for RC 372.01	
	Action	New text
CI 3.1	New sentence 2 of Note :	Reference specimens shall be prepared in accordance with RC 372.02.
CI 7	New para 1:	Three durability classifications are defined for VicRoads purposes, these are “Sound”, “Marginal” and “Unsound”, and they match the requirements in VicRoads Section 801.
CI 7(b)	New text, after variables list	If the percentage of unclassified particles exceeds 2%, the supplier shall notify VicRoads and request that VicRoads prioritise in a timely manner the re-testing and re-assessment of the material to the durability classification criteria in VicRoads Section 801, Tables 801.031 and 801.032, and that the reference set be updated. If 2% or less of unclassified particles are present, the percentage of unclassified particles shall be added to the percentage of unsound particles.
CI 7(c)	New text, after variables list	The percentage of soft and friable particles (f_w) shall be added to the percentage of unsound particles.
CI 7	New CI 7(d):	(d) For reporting purposes, calculate the total percentage of unsound particle fraction from the following equation: $F_{upf} = f_{unsound} + f_u + f_w$, where : F_{upf} = total percentage of unsound particle fraction $f_{unsound}$ = percentage of unsound particles, as calculated at CI 7(a) f_u = percentage of unclassified particles, where this percentage is 2% or less, from CI 7(b) f_w = percentage of soft and friable particles
CI 7	New CI 7(e)	(e) For reporting purposes, calculate the total of percentage of marginal particle fraction and unsound particle fraction from the following equation: $F_{muns} = f_{marg} + F_{upf}$, where : F_{muns} = total percentage of marginal particle fraction and unsound particle fraction f_{marg} = percentage of marginal particle fraction, as calculated at CI 7(a) F_{upf} = total percentage of unsound particle fraction, as calculated at CI 7(d)
CI 9 (f)	Change to (existing text deleted):	(f) Total of percentage of marginal particle fraction plus percentage of unsound particle fraction, as calculated at CI 7(e), to the nearest whole number. Percentage of unsound particle fraction, as calculated at CI 7(d), to the nearest whole number. Note: Acceptance criteria for F_{muns} and F_{upf} are detailed in VicRoads Section 812, Table 812.052.

Clause in AS 1141.30.1	Change for RC 372.01	
	Action	New text
Cl 9(g)	Change text and NOTE to:	(g) (Blank)
Cl 9(h)	Change text and NOTE to:	(h) (Blank)

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VicRoads Test Method - Revision Summary

RC 372.01 – Coarse Aggregate Quality by Visual Assessment

Date	Clause	Description of Revision	Authorised by
October 2016	Cl 9 (f)	Deleted reference to sound particle fraction	Manager – Construction Materials
April 2016	Full document Cl 7 Cl 9	Re-structured to be a contained method. Included: <ul style="list-style-type: none"> • VicRoads durability classifications. • VicRoads specific calculations and reporting classification categories, as new text. • Clear requirement to request re-test and priority for re-assessment if percentage of unclassified particles exceeds 2%. • Specific reporting to meet VicRoads specification needs • Reporting for unclassified and for soft and friable not specifically required for VicRoads. 	Manager – Construction Materials
June 2013	Full document Cl 3 & 4	Re-styled with minor corrections made, added instructions for addressing unclassified particles	Manager – Construction Materials