



AASHTO Accreditation Policy on PSP Participation – Aggregate Programs

How to use these tables:

The following tables show the standard test methods included in the AASHTO re:source aggregate proficiency sample programs. Each line item in the table includes a number that corresponds to an accreditation policy related to participation in the proficiency sample program for each standard test method. Each reference sample-specific policy is shown under each table.

A notation of a dash (-) means that the normal policies apply, and there are no additional sample-specific policies for that test method. The general policies related to proficiency testing are in the AASHTO Procedures Manual for the Accreditation of Construction Materials Testing Laboratories.

The following policies apply to all standard test methods and all samples:

- Laboratory accreditation is suspended when any combination of ratings of 0, 1, or -1 and no results occur on samples for a test property (line item on a proficiency sample report) on consecutive sample rounds.
- Laboratory accreditation is not suspended for low ratings or no data on single operator precision results.
- If a test property's ratings are suppressed, the round is invalid for that test property. All participation rules for consecutive ratings apply to the last round that included ratings.
- * These test properties, while assigned ratings, are for informational purposes only and not used for accreditation purposes.

For more details on Proficiency Sample Policies, please review the [AASHTO Accreditation Policy and Guidance on Suspension, Revocation, and Reinstatement Resulting from Proficiency Samples Issues](#).

The following pages describe the proficiency sample-specific policies.



AASHTO Accreditation Policy on PSP Participation – Aggregate Programs

Aggregate Gradation and Gravity (AGG)				
AASHTO	ASTM	Test Name	Test Property	Policy
T11	C117	Material Finer than the No. 200 Sieve	Percent Finer than the No. 200 Sieve	-
T27	C136		Total Material Passing the 3/4 in. Sieve (Suppressed)	-
			Total Material Passing the 1/2 in. Sieve	1
			Total Material Passing the 3/8 in. Sieve	
			Total Material Passing the No. 4 Sieve	
			Total Material Passing the No. 8 Sieve	
			Total Material Passing the No. 16 Sieve	
			Total Material Passing the No. 30 Sieve	
			Total Material Passing the No. 50 Sieve	
			Total Material Passing the No. 100 Sieve	
			Total Material Passing the No. 200 Sieve	
T85	C127	Specific Gravity of Coarse Aggregate	Bulk Specific Gravity, OD	-
			Bulk Specific Gravity, SSD	-
			Apparent Specific Gravity	-
			Absorption	-
T84	C128	Specific Gravity of Fine Aggregate	Bulk Specific Gravity, OD	-
			Bulk Specific Gravity, SSD	-
			Apparent Specific Gravity	-
			Absorption	-
T176	D2419	Sand Equivalent Test	Sand Equivalent Value	-
T304	C1252	Uncompacted Voids	Uncompacted Voids, Average	-

Aggregate Gradation and Gravity (AGG) Policies

1a Low ratings/no results must occur on the same sieve size to be considered consecutive. Once negative action has occurred on one test value (sieve size), satisfactory results are needed on all test values (sieve sizes).



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Aggregate Degradation (AGD)				
AASHTO	ASTM	Test Name	Test Property	Policy
T96	C131	Abrasion of Coarse Aggregate	Percent Loss by Abrasion	1
T104	C88	Sulfate Soundness of Aggregates Using Sodium Sulfate Solution	Percentage of 19.0 to 9.5-mm fraction passing 8.0-mm sieve	3
			Percentage of 9.5 to 4.75-mm fraction passing 4.0-mm sieve	
			Material Finer Than the 1.18-mm Sieve	
			Material Finer Than the 600- μ m Sieve	
			Material Finer Than the 300- μ m Sieve	
		Sulfate Soundness of Aggregates Using Magnesium Sulfate Solution	Percentage of 19.0 to 9.5-mm fraction passing 8.0-mm sieve	3
			Percentage of 9.5 to 4.75-mm fraction passing 4.0-mm sieve	
			Material Finer Than the 1.18-mm Sieve	
			Material Finer Than the 600- μ m Sieve	
			Material Finer Than the 300- μ m Sieve	
T327	D6928	Resistance to Abrasion by Micro-Deval (Coarse Aggregate)	Percent Loss in Micro-Deval	-
-	D7428	Resistance to Abrasion by Micro-Deval (Fine Aggregate)	Percent Loss in Micro-Deval	-
T103	-	Soundness of Aggregates by Freezing and Thawing	Percentage of 19.0 to 9.5-mm fraction passing 8.0-mm	2
			Percentage of 9.5 to 4.75-mm fraction passing 4.0-mm (No. 5) sieve	

Aggregate Degradation (AGD) Policies

- 1 Low ratings/no results for LA Abrasion will lead to suspensions for both T96/C131 and C535.
- 2 Only testing of coarse aggregate will be performed using T103.
- 3 A laboratory may submit results for testing using either Sodium or Magnesium Sulfate.