

Sampling & Testing Guide-Minimum Frequency

April 15, 2008
Supersedes October 17, 2006

SURFACE TREATMENT (Seal Coat, Microsurfacing, Slurry, Joint Repair, Crack Filling, Fog Seal) Matls. IM 204
Section 2307, 2319, 2540, 2544, 2306, 2308, SS-01055
Appendix P (US) Units

MATERIAL OR CONSTRUCTION ITEM	TESTS	METHOD OF ACCEPTANCE & RELATED IMs	QUALITY CONTROL					INDEPENDENT ASSURANCE & VERIFICATION S&T					REMARKS	
			SAMPLE BY	FREQ.	SAMPLE SIZE	TEST BY	REPORT	S&T TYPE	SAMPLE BY	FREQ.	SAMPLE SIZE	TEST BY		REPORT
SOURCE INSPECTION														
Aggregates (4125)	Quality Gradation	AS 209												
Emulsions/ Cutbacks	Quality	AS 437												
Emulsion & Aggregate	Compatibility	349						DME	1/ source	1 qt & 10lb	DME/ CTRL			Seal Coat
Emulsion & Aggregate	Mix Design													Slurry & Microsurfacing
GRADE INSPECTION														
Aggregate	Quality Gradation	Cert D 301						V	DME	1/proj.	50 lb	CTRL		Seal Coat
Emulsion	Quality Residue	Cert D 323, 360						V	RCE	1/20,000 gal 1 st day+ 1/week	1 qt	DME	(2)	(1)
	Compatibility	349						V	RCE		1 qt & 10 lb	DME		Seal Coat
Cutback	Quality Viscosity	Cert D 323, 329												
	Anti-Strip	AS 323, 374												
AS-Approved Source		Cert A-Type A Certification				RCE-Resident Construction Engineer/Project Engineer				IA-Independent Assurance				
ASD-Approved Shop Drawing		Cert C-Type C Certification				DME-District Materials Engineer				V-Verification				
S&T-Sampling & Testing		Cert D-Type D Certification				CTRL-Central Materials Office				CONTR-Contractor				

Emulsion samples in plastic bottles only.
No samples required for joint repair, crack filling, and fog seal. Acceptance based on certification only.
(1) Sample emulsion for full width placement seal coat, slurry, and microsurfacing only .
(2) Log all shipments