

Sampling & Testing Guide-Minimum Frequency

October 17, 2006
Supersedes October 2, 2001

BASE REPAIR (2212), PAVEMENT REPAIR (PATCHES)
Sections 2529 & 2530

Matls. IM 204
Appendix T

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 Fine (4110)		AS 209												
Aggregates Coarse (4115)		AS 209												
Portland Cement (4101)	Quality	AS 401												
Fly Ash (4108)	Quality	AS 491.17												
GGBFS (Ground Granulated Blast Furnace Slag)	Quality	AS 491.14												
Curing Compound (4105)	Lab Tested	405												
Air Entraining Admixture (4103)	Quality	AS 403												
Granular Backfill	Gradation Quality	AS CERT												
Drain Tubing	Quality	AS 443												
Epoxy Grout		AS 491.11												
Joint Seal (4136.02)	Lab Tested	AS 436.01 436.02												
Backer Rod (4136.02)		AS 436.04												
Steel Reinforcing	Quality	AS 451												
AS-Approved Source ASD-Approved Shop Drawing S&T-Sampling & Testing			Cert A-Type A Certification Cert C-Type C Certification Cert D-Type D Certification					RCE-Resident Construction Engineer/Project Engineer DME-District Materials Engineer CTRL-Central Materials Office CONTR-Contractor					IA-Independent Assurance V-Verification	

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PLANT INSPECTION															
Aggregates-Coarse (4115)	Grad	302	306	336	CONTR	1/lot	IM 301	CONTR		V	RCE/ CONTR	1 st day +20%	IM 301	RCE	
	Moist			308	CONTR	1 / half day	1000 gm	CONTR							
	Sp. Gr.			307	CONTR	IM 527	1000 gm	CONTR							
	Quality	AS		209											
Aggregate- Fine (4110)	Gradation		302, 306	336	CONTR	1/lot	IM 301	CONTR	830211	V	RCE/ CONTR	1 st day+ 20%	IM 301 IM 301	RCE	
	Moisture			308, 528	CONTR	1/lot	1000 gm	CONTR	830211						See IM 528 if Moisture Probe is used
	Sp. Gr.			307	CONTR	IM 528	1000 gm	CONTR	830211						
	Quality	AS		209											
Portland Cement (4101)	Quality	AS		CERT D		Each Load									
Fly Ash	Quality	AS		CERT D		Each Load									
Air Entraining Admixture		AS		403						V	DME	1/batch	1 pt	CTRL	Sample lots not previously reported or as directed by DME
Water Reducing Admixture		AS		403						V	DME	1/batch	1 pt	CTRL	
Retarding Admixture		AS		403						V	DME	1/batch	1 pt	CTRL	
AS-Approved Source ASD-Approved Shop Drawing S&T-Sampling & Testing					Cert A-Type A Certification Cert C-Type C Certification Cert D-Type D Certification CONTR-Contractor					RCE-Resident Construction Engineer/Project Engineer DME-District Materials Engineer CTRL-Central Materials Office					IA-Independent Assurance V-Verification

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GRADE INSPECTION															
Plastic Concrete	Air Slump	318	327						V	RCE	2/half day		RCE		
		318	327						V	RCE	2/half day		RCE		
Reinforcing Steel	Quality	AS	451		Each Shipment										
Epoxy-Coated Steel	Quality	AS	451												
Calcium Chloride	Concentr.		373	RCE	1/lot		RCE								
Asphalt Mixes															
Hardened Conc.														Approval by DME	
Smoothness														See Plans/Specs for exclusions	
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						