

Michigan Department
of Transportation
1903C (04/20)

DAILY REPORT OF CONTRACTOR'S QUALITY CONTROL TESTS

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CONTROL SECTION STU 82000		JOB NUMBER 205935A		PROJECT LOCATION Various Route in Detroit		MIX DESIGN NUMBER 19MD 407		MIXTURE TYPE 4E3		DATE SAMPLED 10/20/2020		DATE TESTED 10/20/2020			
CONTRACTOR AJAX PAVING INDUSTRIES				PLANT No. 20-07		PLANT LOCATION 8744 Inkster RD				Form 1911 DATE 4/14/2020					
PROJECT ENGINEER Richard T Doherty				NAME OF TESTER(Please print) Richard Poe				NAME OF TESTER(SIGNATURE) Richard Poe				Digitally signed by Richard Poe Date: 2022.03.02 11:10:30 -05'00'			
QUALIFICATION NUMBER 0149-0424															
GB 1.029		Gsb 2.711		Gse 2.748		SUBLOT SIZE 1000		LOT NO 1		SUBLOT NO 2		SUBLOT RANDOM TONS 901.38		ACCUMULATED TONS 0.00	

TEST RESULTS

	JMF	CONTR	DEV.	Range 1	Range 2		AGG.
P 1 1/2" (37.5mm)	100.00%	100.00%	0.00%				
P 1" (25.0mm)	100.00%	100.00%	0.00%				
P 3/4" (19.0mm)	100.00%	100.00%	0.00%				
P 1/2" (12.5mm)	95.30%	97.04%	1.74%	+/- 8.00	+/-10.00		
P 3/8" (9.5mm)	83.30%	82.42%	-0.88%	+/- 8.00	+/-10.00		
P No. 4 (4.75mm)	61.80%	59.66%	-2.14%	+/- 6.00	+/- 8.00		
P No. 8 (2.36mm)	46.00%	42.18%	-3.82%	+/- 6.00	+/- 8.00		
P No. 16 (1.18mm)	32.80%	32.15%	-0.65%				
P No. 30 (600 Um)	26.40%	22.54%	-3.86%	+/- 4.00	+/- 6.00		
P No. 50 (300 Um)	16.50%	14.74%	-1.76%				
P No. 100 (150 Um)	9.40%	7.34%	-2.06%				
P No. 200 (75 Um)	5.40%	4.57%	-0.83%	+/- 1.20	+/- 2.00		
CRUSH - 1 FACE	97.50%	97.86%	0.36%	+/-10.00	+/-15.00		
CRUSH - 2 FACE	0.00%	0.00%	0.00%				

TEST RESULTS

	JMF	CONTR	DEV.	Range 1		Range 2		
ASPHALT %	5.04%	4.77%	-0.27%	- 0.50	+ 0.00	+ 0.75		
Gmm	2.535			+/- 0.013		+/- 0.020		
Gmb @ N DESIGN	2.446							
AIR VOIDS	3.50%			+ 2.01	- 3.95	+/- 2.00	4.00	
VMA	14.33			+/- 14.01	15.95	+/- 14.00	16.00	
VFA	75.80							
F/A RATIO	1.19			+/- 0.60	1.20	+/-0.60	1.40	
Gse	2.748			+/-		+/-		
		GRADE		Certified Supplier/Location/CERT#				% ADD
ASPHALT BINDER		PG 58-28		Ajax Asphalt Terminal DetroitABS.2500				3.92%
GYRATORY WEIGHTS/COMPACTION TEMPERATURE								
MARSHALL WEIGHTS/COMPACTION TEMPERATURE								
NUMBER OF SOLVENT WASHES (When using the vacuum extraction method for Asphalt %)								

REMARKS

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*CIRCLE TEST RESULTS THAT ARE OUT OF LIMITS.