

Michigan Department
of Transportation
1903C (04/20)

DAILY REPORT OF CONTRACTOR'S QUALITY CONTROL TESTS

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CONTROL SECTION NH 82000		JOB NUMBER 207914A		PROJECT LOCATION Various Route in Detroit		MIX DESIGN NUMBER 19MD 411		MIXTURE TYPE 4E3		DATE SAMPLED 10/16/2020		DATE TESTED 10/17/2020			
CONTRACTOR AJAX PAVING INDUSTRIES				PLANT No. 20-10		PLANT LOCATION 26400 SHERWOOD RD				Form 1911 DATE 4/14/2020					
PROJECT ENGINEER Richard T Doherty				NAME OF TESTER(Please print) Jesus Soto Sancen				NAME OF TESTER (SIGNATURE)  Jesus Sancen				QUALIFICATION NUMBER 0664-0423			
GB 1.029		Gsb 2.707		Gse 2.752		SUBLOT SIZE 1000		LOT NO 11		SUBLOT NO 54		SUBLOT RANDOM TONS 1098.95			
												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)	99.40%	94.05%	-5.35%	+/- 6.00	+/- 8.00		
P 3/8" (9.5mm)	84.00%	80.67%	-3.33%	+/- 6.00	+/- 8.00		
P No. 4 (4.75mm)	61.60%	56.99%	-4.61%	+/- 6.00	+/- 8.00		
P No. 8 (2.36mm)	45.60%	42.94%	-2.66%	+/- 6.00	+/- 8.00		
P No. 16 (1.18mm)	34.00%	33.37%	-0.63%				
P No. 30 (600 Um)	26.50%	24.75%	-1.75%	+/- 4.00	+/- 5.00		
P No. 50 (300 Um)	14.20%	14.19%	-0.01%				
P No. 100 (150 Um)	8.50%	7.13%	-1.37%				
P No. 200 (75 Um)	5.50%	4.65%	-0.85%	+/- 1.00	+/- 2.00		
CRUSH - 1 FACE	97.00%	97.74%	0.74%	+/-10.00	+/-15.00		
CRUSH - 2 FACE	0.00%	0.00%	0.00%				

TEST RESULTS

	JMF	CONTR	DEV.	Range 1		Range 2		
ASPHALT %	5.15%	4.99%	-0.16%	- 0.40	+ 0.00	+ 0.50		
Gmm	2.534			+/- 0.013		+/- 0.020		
Gmb @ N DESIGN	2.445							
AIR VOIDS	3.50%			+ 2.01	- 3.95	+/- 2.00	5.00	
VMA	14.34			+/- 13.34	15.95	+/- 13.00	16.00	
VFA	75.58							
F/A RATIO	1.21			+/- 0.60	1.20	+/-0.60	1.40	
Gse	2.752			+/-		+/-		
		GRADE		Certified Supplier/Location/CERT#				% ADD
ASPHALT BINDER	PG 58-28		Ajax Asphalt Terminal DetroitABS.2500				3.80%	
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.