

Michigan Department
of Transportation
1903C (04/20)

DAILY REPORT OF CONTRACTOR'S QUALITY CONTROL TESTS

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CONTROL SECTION		JOB NUMBER		PROJECT LOCATION PWC 7018		MIX DESIGN NUMBER 19MD 411		MIXTURE TYPE 4E 3		DATE SAMPLED 8/5/2020		DATE TESTED 8/6/2020			
CONTRACTOR AJAX PAVING INDUSTRIES				PLANT No. 20-10		PLANT LOCATION 26400 SHERWOOD RD				Form 1911 DATE 6/30/2020					
PROJECT ENGINEER Richard T Doherty				NAME OF TESTER(Please print) Jesus Soto Sancen				NAME OF TESTER (SIGNATURE) Jesus Sancen				Digitally signed by Jesus Sancen Date: 2020.08.06 14:30:35 -04'00'			
QUALIFICATION NUMBER 0664-0423															
GB 1.029		Gsb 2.707		Gse 2.752		SUBLOT SIZE 1000		LOT NO 5		SUBLOT NO 23		SUBLOT RANDOM TONS 1026.81			
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%	94.47%	-4.93%	+/- 6.00	+/- 8.00		
P 3/8" (9.5mm)	84.00%	82.10%	-1.90%	+/- 6.00	+/- 8.00		
P No. 4 (4.75mm)	61.60%	58.21%	-3.39%	+/- 6.00	+/- 8.00		
P No. 8 (2.36mm)	45.60%	42.61%	-2.99%	+/- 6.00	+/- 8.00		
P No. 16 (1.18mm)	34.00%	32.72%	-1.28%				
P No. 30 (600 Um)	26.50%	24.75%	-1.75%	+/- 4.00	+/- 5.00		
P No. 50 (300 Um)	14.20%	14.39%	0.19%				
P No. 100 (150 Um)	8.50%	7.66%	-0.84%				
P No. 200 (75 Um)	5.50%	5.21%	-0.29%	+/- 1.00	+/- 2.00		
CRUSH - 1 FACE	97.00%	97.78%	0.78%	+/-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%	4.92%	-0.23%	+/-	0.40	+/-	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 52-28		Ajax Asphalt Terminal DetroitABS.2500				3.81%
GYRATORY WEIGHTS/COMPACTION TEMPERATURE								
MARSHALL WEIGHTS/COMPACTION TEMPERATURE								
NUMBER OF SOLVENT WASHES (When using the vacuum extraction method for Asphalt %)								

REMARKS

*CIRCLE TEST RESULTS THAT ARE OUT OF LIMITS.