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Michigan Department
of Transportation
0504 (01/2024)

INDEPENDENT ASSURANCE AGGREGATE TESTS

DISTRIBUTION: Attach to Person Qualification in AASHTOWare

CONTROL SECTION	JOB NUMBER	REGION	PIT NUMBER	CLASS	DATE SAMPLED	DATE TESTED
*A-SAMPLER		EMPLOYER	MCAT NUMBER		MDOT WITNESS	
*A - TESTER		EMPLOYER	MCAT NUMBER		MDOT WITNESS	

TEST RESULTS						
SIEVE OPENINGS	SPECIFICATION	*A - TESTER	IAT TECHNICIAN	OBSERVED PROCEDURES Endorsement on card in ()	DISCREPANCY	IF YES, LIST FAILING ITEM NUMBER(S)
				MTM 107 (A)	Yes No	
				ASTM C 702 (B)	Yes No	
				MTM 108 (B)	Yes No	
				MTM 109 (B)	Yes No	
				MTM 117 (C)	Yes No	
				MTM 110 (D)	Yes No	
				ASTM D 4791 (E)	Yes No	
				EQUIPMENT CHECK		
				SCALES	DATE CALIBRATED	CHECK FOR ACCURACY
				SIEVES Yes No	PLUGGED WARPED	SIEVE # (S) SIEVE # (S)
				SPLITTER Yes No	LEVEL CORRECT OPENING SIZE	HOPPER CLOSURES CORRECT # OF OPENINGS
				TOLERANCE LIMITS		
				AGGREGATE TYPE	MAXIMUM DIFFERENCE	
				FINE AGGREGATE		
				Gradation	> 5.0% any sieve	
				Fineness Modulus	> 0.10	
				Loss by Washing	> 0.8%	
LOSS BY WASH				COARSE AGGREGATE		
				Gradation	> 5.0% any sieve	
				Crushed	> 15%	
FINENESS MODULUS				Deleterious	> 1.5%	
				Loss by Washing	> 0.6%	
ORGANIC PLATE NUMBER				DENSE GRADED/GRANULAR MATERIAL/OGDC		
				Gradation	> 5.0% any sieve	
% CRUSHED MATERIAL				Deleterious (Bituminous except Super Pave)	> 3.0%	
				Crushed	> 15%	
% SOFT PARTICLES including CLAY-IRONSTONE				Loss by Washing (23A, Class IA, Class III, Class IIIA)	> 2.0%	
				Loss by Washing (all others)	> 1.0%	
% CHERT						
% SUM OF SOFT PARTICLES AND CHERT					PASS	FAIL

IAT TECHNICIAN (Stamp Noting Name, Date, and Time)

REMARKS