Michigan Department
of Transportation
1839 (09/02)

TESTING OF HMA

(VACUUM WORKSHEET)

CONTROL SECTION	JOB NO.	MIXTURE TYPE	MIX DESIGN NO.	REPORT NO.	DATE
CONTRACTOR		PLANT NO.	PLANT LOCATION		SHEET OF
TESTER (Please Print)			QUALIFICATION NO.	LOT NO.	SUBLOT NO.

ASPHALT CONTENT - VACUUM

A. WT. OF SAMPLE	
B. WT. OF FILTER AND DE	
C. WT. OF FILTER, DE AND FINES	
D. WT. OF FINES (C - B)	
E. WT. OF DRY EXTR AGGREGATE	
F. TOTAL WT. OF AGGREGATE (D + E)	
G. WT. OF ASPHALT (A - F)	
H. % ASPHALT (G / A) * 100	

CRUSHED PARTICLE CONTENT

X. WT. OF AGG. RET. ON No. 4 (4.75 mm) & ABOVE	
Y. WT. OF 2 FACE OR MORE CRUSHED	
Z. WT. OF 1 FACE OR MORE CRUSHED	
% CRUSHED, 2 FACE (Y / X) * 100	
% CRUSHED, 1 FACE (Z / X) * 100	

AGGREGATE ANALYSIS

SIEVE SIZE	WEIGHT RETAINED, GRAMS	FRACTION RETAINED, %	CUMULATIVE FRACTION PASSING %
1-1/2" (37.5 mm)			
1" (25.0 mm)			
3/4" (19.0 mm)			
1/2" (12.5 mm)			
3/8" (9.5 mm)			
No. 4 (4.75 mm)			
No. 8 (2.36 mm)			
No. 16 (1.18 mm)			
No. 30 (600 µm)			
No. 50 (300 µm)			
No. 100 (150 µm)			
No. 200 (75 µm)			
P. No. 200 (75 µm) + D.			C = CARE A = ACCURACY P = PRECISION
TOTAL			

REMARKS

Clear