



MIX ASPHALT CONTENT AND SIEVE ANALYSIS

CONTRACT NO.	PROJECT NO.	CONTRACTOR	DATE SAMPLED
<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>
LOT NO.	SAMPLE NO.	TIME SAMPLED	
<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>	

MIX MOISTURE CONTENT

A	WT. OF MOIST SAMPLE + PAN	g	
B	WT. OF DRY SAMPLE + PAN	A - B	g
C	WT. OF WATER	g	
D	WT. OF TARE PAN (NO. _____)	g	
E	WT. OF DRY SAMPLE	B - D	g
F	MIX MOISTURE CONTENT	100 C / E	%

TIME PLACED IN OVEN	h_min	
TIME TAKEN OUT OF OVEN	h_min	
DRYING TIME	h_min	
TIME EXTRACTION STARTED	h_min	
TIME EXTRACTION ENDED	h_min	
EXTRACTION TIME	h_min	

WT. OF SAMPLE USING CALCULATED SAMPLE DRY WEIGHT METHOD

G	WT. OF MOIST SAMPLE + PAN	g	
H	WT. OF TARE PAN (NO. _____)	g	
I	WT. OF MOIST MIX	G - H	g
J	WT. OF DRY MIX	100 I / (100 + F)	%

EXTRACTION DATA

K	DRY WT. OF MIX	LINE "E" or LINE "J"	g
L	EXTRACTED DRY WT. OF AGGREGATE + PAN		g
M	WEIGHT OF TARE PAN (NO. _____)		g
N	EXTRACTED DRY WT. OF AGGREGATE	M - L	g
O	WT. OF CENTRIFUGE DRY FINES + BEAKER		g
P	WT. OF BEAKER (NO. _____)		g
Q	WT. OF CENTRIFUGE DRY FINES	O - P	g
R	TOTAL WT. OF DRY AGGREGATE	N + Q	g
S	WT. OF EXTRACTED ASPHALT	K - R	g
T	EXTRACTION ASPHALT CONTENT	100 S / R	%
U	ASPHALT CONTENT CORRECTION FACTOR		%
V	CORRECTED ASPHALT CONTENT	T + U	%

WT. OF SAMPLE USING OVEN DRIED METHOD

B ₁	WT. OF DRY MIX + PAN	g	
H	WT. OF TARE PAN (NO. _____)	g	
J	WT. OF DRY MIX	B ₁ - H	g

*If more than 50 g or beaker has fines up to rim, run a check beaker and check for holes in extraction and centrifuge screens.

SIEVE ANALYSIS DATA

WT. OF DRY AGGREGATE (R) _____g				
SIEVE SIZE µm	WEIGHT RETAINED g	WEIGHT PASSING g	PERCENT PASSING %	DESIGN or TARGET LIMITS(%)
25 000				
20 000				
16 000				
12 500				
10 000				
5 000				
2 500				
1250				
630				
315				
160				
80				
TARE PAN		DIFFERENCE X - W	% DIFF. 100 Y / X	MAXIMUM DIFFERENCE
TOTAL WEIGHT (W)				
DRY WASH WT (X)		(Y)		0.5%

CALCULATIONS

DATE TESTED _____ TECHNOLOGIST(S) _____

DATA CHECKED BY: _____

REMARKS: _____

NOTE: TRANSFER SHADED DATA TO THE LOT PAVING REPORT