Louisiana Department of Transportation and Development

SUPERPAVE ASPHALTIC CONCRETE PLANT REPORT

DOTD 03-22-3092
Draft 03/04

English/Metric ___ *(M / E)* **Spec Year** 2 0 0 0 *< Entry Fields located on MATT Menu*

Proj.No. ___ - ___ - ___ **Plant Code** H ___ **Design Level** ___ **Mix Type** ___ **Use** ___

Proj.No. ___ - ___ - ___ **Seq. No.** ___ **Lot No.** ___ **Purp Code** ___

Proj.No. ___ - ___ - ___ **% AC** ___ **G_{sb}** ___ **P_s** ___

Lot Size ___ **Start Date** ___ **End Date** ___

Weather: _____ Temp: High _____ °F(°C) Low _____ °F (°C)

Theoretical Maximum Specific Gravity, G_{mm} "RICE" *(AASHTO T 209 or DOTD TR 327)*

		G_{mm1}		G_{mm2}		G_{mm3}		G_{mm4}		G_{mm5}	
		Sample a	Sample b	Sample a	Sample b	Sample a	Sample b	Sample a	Sample b	Sample a	Sample b
Wt of Mix	A										
Wt of Pyc. & Water	D										
Wt of Pyc. Water & Mix	E										
Difference	A + D - E										
Sample G_{mm}	A / (A + D - E)	G_{mm} 1a	G_{mm} 1b	G_{mm} 2a	G_{mm} 2b	G_{mm} 3a	G_{mm} 3b	G_{mm} 4a	G_{mm} 4b	G_{mm} 5a	G_{mm} 5b
Average G_{mm}		G_{mm1} =		G_{mm2} =		G_{mm3} =		G_{mm4} =		G_{mm5} =	

Plant Test Properties *(AASHTO T 166,T209,T245/DOTD TR's 304, 305 & 327)*

		Sublot No.	1	2	3	4	5
G_{mm}	A						
Wt (Mass) in Air	B						
Wt (Mass) in Water	C						
SSD Wt (Mass)	D						
Difference	E	D - C					
G_{mb}, ND	F	B / E					
Density	G	F x 62.4					
% G_{mm} ND	H	100 x F / A					
Ht. @ NI (mm)							
Ht. @ ND(mm)							
% G_{mm} NI							
% Voids, V_a	I	100 - H					
% VMA	J	100 - (F x Ps) / Gsb					
% VFA		100 x (J - I) / J					

			1 Asph	1 Aggr	1 RAP	2 Asph	2 Aggr	2 RAP	3 Asph	3 Aggr	3 RAP	4 Asph	4 Aggr	4 RAP	5 Asph	5 Aggr	5 RAP
% Asphalt Content	2nd Meter Reading	AM															
	2nd Meter Reading	PM															
	1st Meter Reading	AM															
	1st Meter Reading	PM															
% AC Meter																	
Comp. Temp. °F (°C)																	
Dust/P_{eff}																	
G_{se}																	
P_{ba}																	
P_{be}																	
Total Sublot Tons (Mg)																	
Sample Taken - Tons Accum.																	
Mix Temperature °F (°C)																	

	TEST 1	TEST 2
% Anti Strip		
% Lime		

PERCENT PAY:

% Air Voids: ___

% Anti Strip: ___

% VMA: ___ **Final Plant % Pay** ___

Remarks: ___

DOTD Cert. Asphaltic Concrete Plant Tech. **QC Cert. Aspahaltic Concrete Plant Tech.** **APPROVEDBY: District Lab. Engr.**