Form 400.05

Daily Plant Production Run

Unique ID:

Status:

Date:

Job Mix No.:

Rev:

Lot No.:

Asphalt Contractor:

Plant Location:

Plant Type:

Type Mix:

Acceptance Targets: Binder: Air Voids: VMA:

Date of Last Ignition Oven Calibration / Verification:

Weather: Windy: Air Temperature (°F): Low: High:

Number of Projects delivered to:

MIXTURE MOISTURE (SC-T-23)

Sample Drying Method

Sample	Time	Before Drying - Pan Weight	Before Drying - Pan and Sample	Wet Sample Weight	After Drying - Pan and Sample	Dry Sample Weight	% Moisture
A.M.							
P.M.							

Speedy Moisture Tester Method

A.M.	Speedy Moisture Tester	
P.M.	Speedy Moisture Tester	

LIME ANTI-STRIPPING ADDITIVE

Method 71

	Time of Lime Sample	Cold Feed Rate (TPH)	% Moisture in Aggr.	Time of Sample (sec.)	Wt. Of Sample (lbs.)	Percent Lime
		(A)	(B)	(C)	(D)	
A.M.						
P.M.						

Formula: %Lime: $\frac{(180 + 1.8B) \times D}{(A \times C)}$

Method 78 A.M. P.M.

Tested System Today Previously Tested System on:

Weighing System Weights (lbs.)

Weigh Pod Status	Actual (Calculated) Weight	Scale Indicator Reading	Indicator Tolerance Level	Actual Weight Difference (Actual Wt. - Scale Wt.)	Status: Sat. / Unsat.
		0			
Empty + all 4 weights*			± 20 lbs		
Loaded Approx. ½ full (in addition to the weights)					
Remove each weight one at a time and record readings.					
1st weight removed			± 5 lbs		
2nd weight removed			± 5 lbs		
3rd weight removed			± 5 lbs		
4th weight removed			± 5 lbs		
Did system pass or fail?					

Note: Each weight weighs 50 lbs., for a total of 200 lbs. with all weights added to the system.

DAILY PLANT PRODUCTION INFORMATION						
PLANT PRODUCTION STARTED/STOPPED	STARTED:		STOPPED:			
TONS ASPHALT MIX PRODUCED						
AVERAGE ASPHALT BINDER CONTENT						
TOTAL TONS ASPHALT BINDER						
TYPE ANTI-STRIPPING ADDITIVE		PERCENTAGE USED:	AM =		PM =	
TOTAL MOISTURE CONTENT (%)	AM =		PM =			
MIXING TIME, SECONDS	DRY:		WET:			

BITUMINOUS MIXTURE GRADATION (SC-T-76 / SC-T-92 / SC-T-63)

Sample No	37.5mm (1.5")	25.0mm (1")	19.0mm (3/4")	12.5mm (1/2")	9.5 mm (3/8")	4.75mm (#4)	2.36 mm (#8)	0.60mm (#30)	0.150mm (#100)	0.075mm (#200)
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
TARGET										
USL										
LSL										

MIX VOLUMETRIC PROPERTIES
ASPHALT BINDER CONTENT (SC-T-75) VOID ANALYSIS (SC-T-68)

SAMPLE NO.	DATE	TIME	LOAD NO	TONNAGE	MIX TEMP.	%BINDER	% AIR VOIDS	%VMA	ACT. MSG	LOT AVG. MSG	STABILITY
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
MEAN											
STANDARD DEVIATION											
ACCEPTANCE TARGET											
UPPER SPECIFICATION LIMIT											
LOWER SPECIFICATION LIMIT											

Remarks

Contractor Plant Technician **(Lvl 1)**

Signature: _____Date: _____

Contractor Quality Control Manager **(Lvl 3)**

Signature: _____Date: _____