

Louisiana Department of Transportation and Development

**Asphalt Concrete Plant Review**

Plant: \_\_\_\_\_ Location: \_\_\_\_\_

Company: \_\_\_\_\_ Arrival Time: \_\_\_\_\_ Departure: \_\_\_\_\_

Date: \_\_\_\_\_ Inspector/title: \_\_\_\_\_

Contractor Technician(s) & Title: \_\_\_\_\_

Review to be completed & maintained at the District Laboratory. Maintain separate files for each plant in the district.

Completed minimum once every 90 days

	<u>Yes</u>	<u>No</u>
Lab AASHTO R18 current .....	<input type="checkbox"/>	<input type="checkbox"/>
Lab Equipment Manual current .....	<input type="checkbox"/>	<input type="checkbox"/>
Scales & Meters calibrations current.....	<input type="checkbox"/>	<input type="checkbox"/>
Stockpiles .....	<input type="checkbox"/>	<input type="checkbox"/>
Proper drainage .....	<input type="checkbox"/>	<input type="checkbox"/>
Comments/Findings: _____		
Separated with partitions or space between each material .....	<input type="checkbox"/>	<input type="checkbox"/>
Comments/Findings: _____		
Segregation .....	<input type="checkbox"/>	<input type="checkbox"/>
Comments/Findings: _____		
Does contractor fractionate RAP .....	<input type="checkbox"/>	<input type="checkbox"/>
Stockpiled separately .....	<input type="checkbox"/>	<input type="checkbox"/>
Does contractor use 1 inch screen for RAP.....	<input type="checkbox"/>	<input type="checkbox"/>
Comments/Findings: _____		
Cold feeds comply with certification requirements (Bins & Belts).....	<input type="checkbox"/>	<input type="checkbox"/>
Drum/burner comply with certification requirements.....	<input type="checkbox"/>	<input type="checkbox"/>
Mix drag/conveyor comply with certification requirements .....	<input type="checkbox"/>	<input type="checkbox"/>

	<u>Yes</u>	<u>No</u>
Silo batchers comply with certification requirements.....	<input type="checkbox"/>	<input type="checkbox"/>
Load out gates functioning properly.....	<input type="checkbox"/>	<input type="checkbox"/>
Segregation .....	<input type="checkbox"/>	<input type="checkbox"/>
Proper aggregate coating with asphalt.....	<input type="checkbox"/>	<input type="checkbox"/>

Comments/Findings: \_\_\_\_\_

Warm mix equipment &/or additives meet certification requirements .....	<input type="checkbox"/>	<input type="checkbox"/>
Lab testing equipment maintained in proper working condition.....	<input type="checkbox"/>	<input type="checkbox"/>
Lab sampling & testing equipment clean & free of residue .....	<input type="checkbox"/>	<input type="checkbox"/>
Lab technician(s) have proper certification/qualification for duties performed.....	<input type="checkbox"/>	<input type="checkbox"/>
CDs for AC up to date in storage file or binder .....	<input type="checkbox"/>	<input type="checkbox"/>
If blending AC at plant, (crumb rubber or latex), are daily DSR's being performed.....	<input type="checkbox"/>	<input type="checkbox"/>
CDs for anti-strip up to date in storage file or binder.....	<input type="checkbox"/>	<input type="checkbox"/>
CAs for fibers used to control drain down up to date in storage file or binder.....	<input type="checkbox"/>	<input type="checkbox"/>
CAs for warm mix additives up to date in storage file or binder .....	<input type="checkbox"/>	<input type="checkbox"/>
Data software up to date for all JMFs.....	<input type="checkbox"/>	<input type="checkbox"/>
Contractor documentation up to date .....	<input type="checkbox"/>	<input type="checkbox"/>
Anti-strip metering verifies .....	<input type="checkbox"/>	<input type="checkbox"/>
Mix release for haul trucks operating properly .....	<input type="checkbox"/>	<input type="checkbox"/>
Dust collection system operating properly.....	<input type="checkbox"/>	<input type="checkbox"/>

Comments: \_\_\_\_\_

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ASPHALT MIXTURE TESTING

Each JMF being produced/shipped during DOTD visit to be sampled & tested. A minimum of one verification sample every 30 days is to be sent to the district lab & tested for  $G_{mm}$ , %AC, gradation, %crushed,  $V_a$ , VMA, & VFA.

JMF #: \_\_\_\_\_ Lot: \_\_\_\_\_ Date sampled: \_\_\_\_\_ Date tested: \_\_\_\_\_

Sampled by: \_\_\_\_\_ Tested by: \_\_\_\_\_ Mix temp: \_\_\_\_\_

Gyratory specimens @  $N_{design}$

	<u>Plant Lab</u>	<u>District Lab</u>
$G_{mm}$ : _____ .....	<input type="checkbox"/>	<input type="checkbox"/>
% $G_{mb}$ : @ini _____ @des _____ .....	<input type="checkbox"/>	<input type="checkbox"/>
$V_a$ : _____ .....	<input type="checkbox"/>	<input type="checkbox"/>
VMA: _____ .....	<input type="checkbox"/>	<input type="checkbox"/>
VFA: _____ .....	<input type="checkbox"/>	<input type="checkbox"/>
%AC _____ .....	<input type="checkbox"/>	<input type="checkbox"/>
Gradation .....	<input type="checkbox"/>	<input type="checkbox"/>
% Crushed: _____		
Mix Moisture _____		

	<u>Yes</u>	<u>No</u>
Mix segregation .....	<input type="checkbox"/>	<input type="checkbox"/>
Proper aggregate coating with AC .....	<input type="checkbox"/>	<input type="checkbox"/>
Haul trucks compliant .....	<input type="checkbox"/>	<input type="checkbox"/>

Contractor Generated Data Review

Rolling five $G_{mm} \geq 71$ PWL .....	<input type="checkbox"/>	<input type="checkbox"/>
Rolling five $V_a \geq 71$ PWL .....	<input type="checkbox"/>	<input type="checkbox"/>
Rolling five average No. 8 gradation within specification limits.....	<input type="checkbox"/>	<input type="checkbox"/>
Rolling five average No. 200 gradation within specification limits.....	<input type="checkbox"/>	<input type="checkbox"/>
Is DOTD gradation within verification tolerance of Contractor results .....	<input type="checkbox"/>	<input type="checkbox"/>
Rolling five VFA average in specification .....	<input type="checkbox"/>	<input type="checkbox"/>
VMA in specification .....	<input type="checkbox"/>	<input type="checkbox"/>
Any deficiencies or discrepancies found.....	<input type="checkbox"/>	<input type="checkbox"/>
Were any concerns conveyed to plant personnel .....	<input type="checkbox"/>	<input type="checkbox"/>

Date: \_\_\_\_\_

Deficiencies, Comments, etc: \_\_\_\_\_

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ASPHALT CEMENT SAMPLES

Working tank AC samples for each PG grade on site at time of visit. To be tested at the District Lab or Materials Lab. Transport samples taken at the request of the Materials Lab

Inspector: \_\_\_\_\_

	<u>Date Sampled</u>	<u>Supplier</u>	<u>Working Tank</u>	<u>Transport</u>
PG 58-28	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
PG 67-22	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
PG 70-22	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
PG 76-22	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
PG 76-22rm	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>

	<u>Yes</u>	<u>No</u>
AC tanks & heaters meet certification requirements .....	<input type="checkbox"/>	<input type="checkbox"/>
AC metering verifies.....	<input type="checkbox"/>	<input type="checkbox"/>

Comments: \_\_\_\_\_

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Inspector: \_\_\_\_\_ Date: \_\_\_\_\_

DLE: \_\_\_\_\_ Date: \_\_\_\_\_

CDs from previous month attached. Date: \_\_\_\_\_ Initials: \_\_\_\_\_

Deficiencies Corrected. Date: \_\_\_\_\_ Initials: \_\_\_\_\_

Comments: \_\_\_\_\_

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