

State of Louisiana
Department of Transportation and Development
ASPHALT CONCRETE PLANT CERTIFICATION REPORT

GENERAL INFORMATION

Last Certification Date on Sticker: _____ Date: _____

Plant Name: _____ District: _____

Plant Owner: _____ Location: _____

Plant Code: PS _____ Make/Model: _____ Serial #: _____

Mailing Address: _____

Physical Address: _____

Plant Type: ☐ Drum Mixer Recycle Capability ☐ Yes / ☐ No

Burner Fuel: _____

Remarks: _____

MATERIAL STORAGE AND HANDLING

On Site Virgin Aggregate Crusher: ☐ Yes / ☐ No Type: ☐ Cone ☐ Roller ☐ Sling ☐ Jaw

☐ Other _____ Oversize Re-crush System: ☐ Yes / ☐ No

RAP Processing: Screened over 1" ☐ Yes / ☐ No Is RAP Fractionated? ☐ Yes / ☐ No

Is pre-screened/processed RAP Stockpiled Separately ☐ Yes / ☐ No

Stockpile Building Method: ☐ Dozer ☐ Loader ☐ Dragline ☐ Radial Arm Conveyor ☐ Other

Remarks: _____

STOCKPILES

Satisfactory Drainage of Plant Site: ☐ Yes / ☐ No Adequate Room for Equipment: ☐ Yes / ☐ No

Remarks: _____

Asphalt Cement & Equipment

Number of Storage/Working tanks _____

Total capacity _____ Agitators ☐ Yes / ☐ NoCirculation system.....☐ Yes / ☐ NoMethod of heating ☐ Hot oil ☐ Other _____Uniform Heating☐ Yes / ☐ NoRequired temperature☐ Yes / ☐ NoUnder positive control☐ Yes / ☐ No**Pipelines & fittings**Insulated☐ Yes / ☐ NoHeated☐ Yes / ☐ NoLeakage, tanks or piping☐ Yes / ☐ NoAutomatic shut-off controls.....☐ Yes / ☐ NoControls operable☐ Yes / ☐ NoCalibration charts & measuring stick provided
.....☐ Yes / ☐ No**Thermometers**Graduated in 5°F increments☐ Yes / ☐ NoAccurate $\pm 5^\circ\text{F}$ ☐ Yes / ☐ NoLocated near tank discharge.....☐ Yes / ☐ No**A/C measured by volume**Positive displacement pump☐ Yes / ☐ NoRecorded in digital form to the nearest
gallon☐ Yes / ☐ NoAutomatic temp. correction.....☐ Yes / ☐ NoQuantity totalized.....☐ Yes / ☐ No
1.0% accuracy of measurement
.....☐ Yes / ☐ NoWarm Mix capabilities☐ Yes / ☐ No☐ Foaming ☐ ChemicalLatex Blending☐ Yes / ☐ NoCrumb Rubber Blending☐ Yes / ☐ No**Anti-Stripping Additive Storage & Equipment**Recirculating system _____ ☐ Yes / ☐ No

Total capacity _____ gallons

Calibration chart & measuring stick provided
.....☐ Yes / ☐ NoUniform heat _____ ☐ Yes / ☐ NoHeating ☐ Hot oil ☐ Electric ☐ Other _____Dispensed directly into asphalt feed line
.....☐ Yes / ☐ NoBetween asphalt control valve & end of asphalt
discharge line☐ Yes / ☐ NoRequired quantity of anti-stripping additive
uniformly proportioned.....☐ Yes / ☐ No

How is proportioning verified? _____

Is proportioning easily and quickly verifiable?
.....☐ Yes / ☐ NoInclude positive displacement accumulating
meter☐ Yes / ☐ NoDisplays accumulated anti-strip used
.....☐ Yes / ☐ NoReads to 0.25 gallons.....☐ Yes / ☐ NoThermometer in 5°F increments☐ Yes / ☐ NoAccurate $\pm 5^\circ\text{F}$☐ Yes / ☐ NoLocated near storage discharge point
.....☐ Yes / ☐ No**Dust Collection**☐ Baghouse ☐ Other _____

Controller type:

☐ Collector box ☐ Surge bin ☐ Filler SiloCollected fines returned to mix☐ Yes / ☐ No☐ Auger/Screw ☐ Other _____Material returned to approved location near
asphalt discharge☐ Yes / ☐ NoUniform rate of fines return ☐ Yes / ☐ NoAcceptable condition of system .. ☐ Yes / ☐ No

Hydrated Lime Additive Equipment

Interlocked and synchronized with cold feed control.....☐ Yes / ☐ No

Positive Signal Auto shut-down☐ Yes / ☐ No

Separate Bulk Storage.....☐ Yes / ☐ No

 with approved feed☐ Yes / ☐ No

 can be readily calibrated☐ Yes / ☐ No

 can be easily sampled.....☐ Yes / ☐ No

 can be easily verified☐ Yes / ☐ No

 has totalizer☐ Yes / ☐ No

Approved spray system

Consistently maintains aggregate in uniform surface wet condition.....☐ Yes / ☐ No

Moisture content can be introduced into automatic moisture controls.....☐ Yes / ☐ No

Approved mixing device.....☐ Yes / ☐ No

 coats uniformly.....☐ Yes / ☐ No

 located between additive point and dryer:
 ☐ Yes / ☐ No

Dispersed directly onto aggregate...☐ Yes / ☐ No

 between cold feed and dryer☐ Yes / ☐ No

 minimum required amount added
 ☐ Yes / ☐ No

 included in belt scale weight
 ☐ Yes / ☐ No

Mineral Filler Equipment

Capacity (tons) _____

Adequate ☐ Yes / ☐ No

Weatherproof ☐ Yes / ☐ No

Leakage ☐ Yes / ☐ No

Hopper w/adjustable feed..... ☐ Yes / ☐ No

Can be accurately calibrated ☐ Yes / ☐ No

Interlock w/aggr. & asphalt feeds
..... ☐ Yes / ☐ No

Proportions accurately ☐ Yes / ☐ No

Constant flow of material ☐ Yes / ☐ No

For Drum & Continuous Plants:

Introduced into mix in advance of asphalt for proper drying time..... ☐ Yes / ☐ No

Screens & Scalpers

Over fine sand bins ☐ Yes / ☐ No

 Size _____ ☐ N/A

Between cold feed discharge & belt scale

 Size _____ ☐ N/A / ☐ Yes / ☐ No

 Vibrating ☐ Yes / ☐ No

Over RAP/Recycle ☐ Yes / ☐ No

 Size _____ ☐ N/A

Remarks: _____

PRODUCTION AND STORAGE OF MIX DRUM MIXER PLANT

☐ Single Drum☐ Separate Mixing Drum☐ Double Barrel

Rated capacity tons per hour _____

Mixing unit is continuously supplied with sufficient materials to operate at capacity ☐ Yes / ☐ NoAggregates properly dried ☐ Yes / ☐ NoTemperature is uniform ☐ Yes / ☐ NoTemperature within specification limits ☐ Yes / ☐ NoQuipped with automatic burners..... ☐ Yes / ☐ NoMoisture content within specification limits ☐ Yes / ☐ NoSlope of dryer within manufacturer recommended angle limits ☐ Yes / ☐ NoFlights in acceptable condition ☐ Yes / ☐ NoProper asphalt coating of materials..... ☐ Yes / ☐ NoSegregation of mix ☐ Yes / ☐ NoMixture is uniform ☐ Yes / ☐ NoOxidation of asphalt..... ☐ Yes / ☐ No**THERMOMETERS**

Heated aggregates or asphalt mixture – for drum plants the thermometer will be located at the mix discharge from the drum or other approved location.

Graduated in maximum 10°F increments ☐ Yes / ☐ NoAccuracy of ±5°F..... ☐ Yes / ☐ NoRecording thermometer ☐ Yes / ☐ NoSensitive to 10°F change in one minute ☐ Yes / ☐ NoRegisters & automatically records discharge temperature ☐ Yes / ☐ No

Describe Location: _____

Storage Silo: Number of _____ Capacity each _____ tons ☐ Applicable ☐ N/AAirlock ☐ Yes / ☐ NoSurge Bin Capacity _____ tons ☐ Applicable ☐ N/A☐ Heated ☐ Unheated ☐ Hot oil ☐ Other _____Type of atmosphere ☐ Air ☐ Inert gas Can system be purged if inert gas? ☐ Yes / ☐ NoIndicator(s) installed at top of slope portion ☐ Yes / ☐ NoHigh silo indicator(s) ☐ Yes / ☐ NoSignal: ☐ Light ☐ Audible Obvious to plant operator ☐ Yes / ☐ No

Any segregation ☐ Yes / ☐ No
Automatic warning system for gate malfunction ☐ Yes / ☐ No
Discharged mix within 15°F of plant discharge temperature ☐ Yes / ☐ No

Type of discharge: ☐ Clam ☐ Other _____

Method of conveyance to silo or surge bin: ☐ Drag Slat ☐ Bucket ☐ Other _____

Type of anti-segregation system: _____

Conveyance system works continuously ☐ Yes / ☐ No

TRUCK WASH DOWN AREA

Area for haul trucks to wash out ☐ Yes / ☐ No

MIX RELEASE AGENT

☐ Spray bar ☐ Hand sprayer ☐ Platform if hand sprayer ☐ Other _____

Approved source ☐ Yes / ☐ No

SAMPLING PLATFORM

Sturdy construction ☐ Yes / ☐ No

Acceptable location ☐ Yes / ☐ No

Acceptable size ☐ Yes / ☐ No

Truck & asphalt mix easily assessable ☐ Yes / ☐ No

Sufficient lighting for non-daylight hours ☐ Yes / ☐ No

PLANT LABORATORY: Length _____ Width _____ Square feet _____ Minimum 160 ft²

R18 Compliant ☐ Yes / ☐ No

Acceptable location in relation to the asphalt plant ☐ Yes / ☐ No

Protected from the weather ☐ Yes / ☐ No

Heated ☐ Yes / ☐ No

Air Conditioned ☐ Yes / ☐ No

Fume hood ☐ Yes / ☐ No

Exhaust fan ☐ Yes / ☐ No

Running water ☐ Yes / ☐ No

Electricity ☐ Yes / ☐ No

Required testing equipment ☐ Yes / ☐ No

Adequate counter space ☐ Yes / ☐ No

Sufficient chairs & desks ☐ Yes / ☐ No

File storage ☐ Yes / ☐ No

Sample storage ☐ Yes / ☐ No

Acceptable sanitation facilities ☐ Yes / ☐ No

Constant temp. ovens 100 - 400°F ±5°F ☐ Yes / ☐ No

Remarks: _____

SCALES AND METERS

****Attach recent scale and meter report.**

Asphalt Meter/Scale

Material delivery diverted for checking accuracy..... ☐ Yes / ☐ No

Are readouts & indicators visible to the plant operator..... ☐ Yes / ☐ No

Aggregate Scales

Scale interlocked with asphalt measuring equipment..... ☐ Yes / ☐ No

Scale wet weight corrected to dry weight ☐ Yes / ☐ No

Material delivery diverted for checking accuracy..... ☐ Yes / ☐ No

Platform Scales☐ Applicable☐ N/A

Sufficient length to weigh entire transport ☐ Yes / ☐ No

Prints zero weight ☐ Yes / ☐ No

Prints tare weight..... ☐ Yes / ☐ No

Prints transport & mix weight (gross weight) ☐ Yes / ☐ No

Prints mix weight (net weight)..... ☐ Yes / ☐ No

Silo/Bin Scales☐ Applicable☐ N/A

Type: _____ ☐ Weigh Hopper ☐ Suspended Bin

Type Scale: _____ ☐ Springless ☐ Load Cell

Remarks: _____

DISTRICT LABORATORY REPRESENTATIVE

DATE

APPROVED BY DISTRICT LABORATORY ENGINEER

DATE