

DEPARTMENT OF TRANSPORTATION

Asphalt Plant Inspection Checklist

Contractor _____

Location/Plant ID _____

Inspector _____

Date _____

1. Make sure you have all your proper PPE
2. First must check in at the plant with Contractor's Plant Operator
3. Make sure loader operators are aware you will be inspecting the site
4. Verify they have approved mix design(s)
5. Last date plant was checked and calibrated to NDOT Specifications _____

Cold Feed system

- Are aggregate moistures being checked and how often _____
- Do cold feed bins loading and/or partitions prevent intermingling of aggregates
- Are stockpiles managed and separated to prevent cross contamination
- Are loaders operating in the stockpile and not digging into base material/soil
- Verify plant 1 ½" x 1 ½" maximum screen size aggregate screening deck
- Screen is in good condition, verify in drop zone/primary wear location

RAP Feed system

- Are RAP stockpiles tested for moisture content and how often _____
- Are RAP stockpiles managed and separated by RAP type
- Is RAP material kept from contamination and non-pavement debris
- Is the Scalper/Grizzly effectively removing the large-oversized material
- Are loaders operating in the RAP stockpile(s) and not digging into base material/soil
- Verify plant 1 ½" x 1 ½" maximum screen size RAP screening deck
- Screen is in good condition, verify in drop zone/primary wear location
- Is RAP material flow good
- Oversized material from screen deck is being managed properly or crushed/returned

Dryer Drum and Burner

- Does plant have method/diversion chute to discard non-compliant mix
- Is the burner calibrated or checked by manufacturer for efficiency/BTU
- Are the flights, drum speed, drum slope and overall operation providing complete mixing, moisture drive-off and binder coating of the mix
- Verify discharge chute temperature sensors and recording are in proper constant operation and not exceeding 350 F

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Asphalt Binder Management

- Are binder and emulsion tanks for storage heated and under positive temp controls
- Is circulating pump operating to provide proper and continuous circulation
- Is all piping properly insulated to prevent heat loss
- Is a proper flush out and sample valve provided for flushing the outlet prior to sampling
- Are the correct binders for the mix design being managed, especially during binder grade changes for each mix type
- When was the Binder metering system last calibrated/certified _____
- Are binder temperature controls maintaining correct/accurate binder temperatures

Baghouse

- Are the fines being collected and properly metered back into the drum/mix plant

Silos and Gob Hopper, weigh scales

- Are scales certified and date of certification _____
- Silos and Gob Hopper in proper operation
- Scales and Tickets/E-Tickets printing and functioning properly

Transportation

- Do all trucks have tarps in good condition to protect material from weather conditions
- Are the inside of truck beds clean from any contamination and are they using an approved release agent

Plant Control Room

- Verify calibrations have been completed for each mix

Field QC Testing Lab

- Does the laboratory have an approved NDOT Laboratory Qualification Manual
- Is the Testing Technician NDOT Certified or possess a Provisional Certification
- Has an IA been completed this year for each Testing Technician
- Is Laboratory kept in good mechanical and cleanliness condition

Overall Plant Site and Operations

- Good overall housekeeping and plant site organization

Notes: