

KENTUCKY TRANSPORTATION CABINET DIVISION OF MATERIALS

CONCRETE PLANT APPLICATION

Producer Name: _____ District: _____
 Producer Number: _____ County: _____
 Address: _____ Phone: _____
 Plant Location: _____ Date: _____
 Concrete Lab Name and Location: _____
 Contact Person: _____
 Aggregate Lab Name and Location: _____
 Contact Person: _____

I. PLANT DESCRIPTION

Brand: _____

Central Mix: Yes / No	Truck Mix: Yes / No
If Central Mix - Capacity: _____	Separate Storage Bins: Yes / No
If Central Mix - Rotation Speed: _____	Can Raw Materials be
If CM - Does Mixer have Excessive build-up: Yes / No	Sampled Separately: Yes / No
Moisture Probes for Fines: Yes / No	Number of Silos: _____
Facilities for Heating Water: Yes / No	
Facilities for Cooling Water: Yes / No	
Weigh Hoppers Suspended Freely: Yes / No	
Can Material be Added to Scales Slowly: Yes / No	

II. SCALES

1 Cement

Is cement scale separate and distinct from the aggregate scales: Yes / No
 Capacity: _____ Type of Scale: Dial / Beam / Load Cell
 Operation: Manual / Automatic
 If scale is a beam type, does it have a "telltale" device: Yes / No
 If scale is a beam type, does it have a graduation
 interval < 0.1% of capacity and a clear interval of 0.3 inches: Yes / No
 If scale is dial type, does scale have at least 1,000 graduations
 with a clear interval between graduations of 0.3 inches: Yes / No
 Have scales been calibrated within the last 6 months: Yes / No
 Scale calibration date: _____

2 Aggregate

Capacity: _____ Type of Scale: Dial / Beam / Load Cell
Operation: Manual / Automatic
If scale is a beam type, does it have a "telltale" device: Yes / No
If scale is a beam type, does it have a graduation interval < 0.1% of capacity and a clear interval of 0.3 inches: Yes / No
If scale is dial type, does scale have at least 1,000 graduations with a clear interval between graduations of 0.3 inches: Yes / No
Have scales been calibrated within the last 6 months: Yes / No
Scale calibration date: _____

3 Water Device

Scale: Yes / No Scale Capacity if Equipped: _____
If a Scale: Dial / Beam / Load Cell
Have scales been calibrated within the last 6 months: Yes / No
Scale calibration date: _____
Meter: Yes / No Volumetric Tank: Yes / No
Has meter been calibrated within the last 6 months: Yes / No
Meter calibration date: _____

III. STORAGE AND HANDLING OF AGGREGATES

Are aggregates handled so that uniformity of grading and free-moisture contents will be maintained at the time of batching: Yes / No
Is each size aggregate placed in a separate location sufficiently removed from the other aggregates to prevent intermixing: Yes / No
Are fine moisture checked daily: Yes / No
If moisture probes are used, are they calibrated at least every 90 days: Yes / No
Are coarse moistures checked daily: Yes / No
Are aggregates sampled, tested and recorded as outlined in the KM: Yes / No

IV. ADMIXTURES

Are admixtures stored separately, labeled, and in a temperature controlled environment: Yes / No
Are admixtures separated with individual dispensers: Yes / No
Are admixture dispensers visible to the batch operator from his normal work station: Yes / No
Are admixture dispensers calibrated at least every 6 months: Yes / No

V. EQUIPMENT

	<u>ID#</u>			
Pressure Air Meter:	Yes / No _____	Calibrated:	Yes / No	Records: Yes / No
Volumetric Air Meter:	Yes / No _____	Calibrated:	Yes / No	Records: Yes / No
Slump Cone:	Yes / No _____	Verified:	Yes / No	Records: Yes / No
Accessories:	Yes / No _____	Verified:	Yes / No	Records: Yes / No
Moisture Equipment:	Yes / No _____	Calibrated/Verified:	Yes / No	Records: Yes / No
Lab Scales:	Yes / No _____	Calibrated:	Yes / No	Records: Yes / No
Unit Weight Bucket:	Yes / No _____	Calibrated:	Yes / No	Records: Yes / No
Thermometer:	Yes / No _____	Calibrated/Verified:	Yes / No	Records: Yes / No
Sieves:	Yes / No _____	Verified:	Yes / No	Records: Yes / No
Pycnometer:	Yes / No _____	Verified:	Yes / No	Records: Yes / No
Concrete Lab:	Yes / No _____	Approved:	Yes / No	Records: Yes / No
Aggregate Lab:	Yes / No _____	Approved:	Yes / No	Records: Yes / No

VI. TECHNICIANS

<u>Name</u>	<u>Qualification</u>	<u>Exp. Date</u>

VII. MIX DESIGNS

Approved Design: Yes / No Classes: _____

<u>INGREDIENTS</u>	<u>TYPE/SIZE</u>	<u>SOURCE/PRODUCER # and LOCATION</u>	<u>LAM</u>
Sand	_____	_____	Yes / No
Stone	_____	_____	Yes / No
Cement	_____	_____	Yes / No
Fly Ash	_____	_____	Yes / No
Micro Silica	_____	_____	Yes / No
GGBFS	_____	_____	Yes / No
Water	_____	_____	Yes / No
Air Entrainment	_____	_____	Yes / No
Water Reducer	_____	_____	Yes / No
Retarder	_____	_____	Yes / No
Accelerator	_____	_____	Yes / No
Other	_____	_____	Yes / No

Are all certifications for ingredient materials kept on record: Yes / No

VIII. TRUCK MIXERS

Are all trucks performance tested: Yes / No

Do all trucks have water meters: Yes / No

Do all trucks have a working revolution counter: Yes / No

Do all trucks have plate specifying capacities: Yes / No

Do all trucks have performance stickers: Yes / No

This is to certify that adequate facilities and personnel will be available and utilized to comply with the Kentucky Standard Specifications for Road and Bridge and Construction. Concrete production for Kentucky Transportation Cabinet (KYTC) projects will not begin until mix designs and trial batches have been approved. Any time the facility or technicians change, the KYTC, Division of Materials, will be notified.

Submitted by: _____
Name and Title Date

For Department Use Only

Comments _____

The concrete application has been submitted and the plant inspection has been conducted. This plant is approved for concrete production to KYTC projects if mix designs and trial batches have been approved.

Approved by: _____
Name and Title Date