

CONCRETE PLANT EQUIPMENT INSPECTION REPORT

PRODUCER LOCATION	INSPECTION DATE
	PROJECT NO.

PLANT IDENTIFICATION

<input type="checkbox"/> SINGLE	<input type="checkbox"/> CENTRAL MIX	<input type="checkbox"/> PORTABLE
<input type="checkbox"/> TWO STOP _____	<input type="checkbox"/> TRANSIT MIX	<input type="checkbox"/> STATIONARY

SOURCE AND TYPE OF CEMENT	SOURCE OF AGGREGATE FA _____ CA _____
---------------------------	--

I. YARD LAYOUT

TESTED AGGREGATE STORAGE, STOCKPILES	METHOD OF CHARGING PLANT
--------------------------------------	--------------------------

II. PLANT MATERIAL STORAGE AND BATCHING EQUIPMENT

CEMENT:	MANUFACTURER	CAPACITY
----------------	--------------	----------

FEED TO WEIGH HOPPER	<input type="checkbox"/> SCREW
<input type="checkbox"/> SINGLE <input type="checkbox"/> TWO SPEED	<input type="checkbox"/> GRAVITY WITH AIR _____

RATED CAPACITY OF WEIGH HOPPER

SPLIT BATCHING <input type="checkbox"/> NOT REQUIRED	PROVISIONS FOR SAMPLING
--	-------------------------

AGGREGATE:	MANUFACTURER	CAPACITY
-------------------	--------------	----------

COMPARTMENT CAPACITY (Tons)	FEED TO WEIGH HOPPER
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	<input type="checkbox"/> SINGLE <input type="checkbox"/> TWO SPEED _____

RATED CAPACITY OF WEIGH HOPPER

SPLIT BATCHING <input type="checkbox"/> NOT REQUIRED	PROVISIONS FOR SAMPLING
--	-------------------------

PROVISIONS FOR HEATING

STATE TESTED AGGREGATE BATCHED INDEPENDENTLY FROM COMMERCIAL	FA _____ CA _____
--	-------------------

REMARKS

METHOD OF CHARGING: TRUCK CENTRAL MIXER(S)

CEMENT:	<input type="checkbox"/> CHARGED FROM OVERHEAD AT MIXER STATION	WATER:	<input type="checkbox"/> CHARGED TO HOLDING TANK & SEQUENCED TO MIXER
<input type="checkbox"/> CHARGED TO BELT CONVEYOR TO MIXER STATION		<input type="checkbox"/> CHARGED TO MATERIAL COLLECTING RING AT MIXER STATION	

AGGEGATE:	<input type="checkbox"/> CHARGED FROM OVERHEAD AT MIXER STATION	ADMIXTURE:	<input type="checkbox"/> CHARGED TO MIX WATER
<input type="checkbox"/> CHARGED TO BELT CONVEYOR TO MIXER STATION		<input type="checkbox"/> CHARGED TO FINE AGG. IN WEIGH HOPPER	<input type="checkbox"/> CHARGED TO MATERIAL COLLECTING RING

**III. MIXING
CENTRAL MIXER**

<input type="checkbox"/> DRUM <input type="checkbox"/> TURBINE	MANUFACTURER	RATED CAPACITY	MIXING SPEED	MIXER BLADES
---	--------------	----------------	--------------	--------------

HAULING UNITS

AGITATING UNITS (Manufacturer)	NUMBER	NON-AGITATING UNITS (Manufacturer)	NUMBER
--------------------------------	--------	------------------------------------	--------

TRANSIT MIXERS

NO. UNITS IN FLEET	MANUFACTURER
TO BE USED ON STATE PROJECTS	
NUMBER	

MIXING CAPACITY

AGITATING CAPACITY

MIXING SPEED

AGITATING SPEED

WATER TANK CAPACITY

MINIMUM GRADUATION

REVOLUTION COUNTER

MIXER BLADES

REMARKS

IV. PROPORTIONING EQUIPMENT

<input type="checkbox"/> DIAL <input type="checkbox"/> BEAM <input type="checkbox"/> LOAD CELL	CEMENT	SCALE CAPACITY	INCREMENTS
MANUFACTURER	<input type="checkbox"/> AUTO <input type="checkbox"/> SEMI-AUTO	<input type="checkbox"/> MANUAL	INTERLOCKED
INTERLOCK BY-PASS - BY SWITCHING TO MANUAL CONTROL POSITION AND/OR:			

<input type="checkbox"/> DIAL <input type="checkbox"/> BEAM <input type="checkbox"/> LOAD CELL	AGGREGATE	SCALE CAPACITY	INCREMENTS
MANUFACTURER	<input type="checkbox"/> AUTO <input type="checkbox"/> SEMI-AUTO	<input type="checkbox"/> MANUAL	INTERLOCKED
INTERLOCK BY-PASS BY SWITCHING TO MANUAL CONTROL POSITION AND/OR:			

<input type="checkbox"/> METER <input type="checkbox"/> SCALE <input type="checkbox"/> LOAD CELL	WATER	CAPACITY	INCREMENTS
MANUFACTURER	<input type="checkbox"/> AUTO <input type="checkbox"/> SEMI-AUTO	<input type="checkbox"/> MANUAL	INTERLOCKED
INTERLOCK BY-PASS - BY RESETTING METER AND/OR:			

ADDITIONAL MIX WATER METERED

V. AUTOMATIC CONTROL SYSTEM

MANUFACTURER

SEQUENCING OF MATERIALS

ALL MATERIALS WEIGHED AND METERED SIMULTANEOUSLY

AGGREGATES WEIGHTED CUMULATIVELY

COMPONENTS

PROGRAMMING

MATERIAL FEED CONTROL

SINGLE START WHEN IN AUTO. CONTROL POSITION

INDIVIDUAL START WHEN IN MANUAL CONTROL POSITION

BIN SELECTORS (Each Cement)

BIN SELECTORS (Each Aggregate)

BATCH SIZE SELECTOR

AUTOMATIC MOISTURE COMPENSATOR

MOISTURE SENSOR

CENTRAL MIXER TIMER

INTERLOCKED

SLUMPMETER

DIAL SCALES EQUIPPED WITH DIAL PULLERS

PROPORTIONING ADJUSTMENTS

MID-AIR COMPENSATOR

BITE SIZE (Cement)

BITE SIZE (Aggregate)

TIME BETWEEN MATERIALS

MATERIAL FEED RECOVERS IF UNDERWEIGHT

VI. TOLERANCE ADJUSTMENTS

CEMENT INDEX

AGGREGATE INDEX

ZERO BALANCE INDEX

VII. INTERLOCKING TOLERANCE INSPECTION RESULTS

VIII. ADMIXTURE DISPENSING EQUIPMENT-OPERATION

AIR-ENTRAINING:	MANUFACTURER

WATER REDUCER:	MANUFACTURER

RETARDER:	MANUFACTURER

IX. BASIS OF ACCEPTANCE

<input type="checkbox"/> Standard specification meets MDOT	<input type="checkbox"/> Meets Supplemental Specification for Concrete Proportioning Plants included in the proposal for the above project.
--	---

X. SPECIFICATION DEFICIENCIES

REMARKS

INSPECTION BY MATERIALS & TECHNOLOGY DIVISION (SIGNATURE)	DATE
---	------