



Arizona
Rock
Products
Association

CERTIFICATION OF READY MIXED CONCRETE PRODUCTION FACILITIES

COMPANY <i>Drake Materials</i>	PLANT NO. <i>161</i>
Plant Address or Physical Location <i>39245 N. Salsmeph Queen Creek AZ</i>	
Engineer <i>Gene R. McFadden</i>	
Inspection Date <i>6/22/2011</i>	Expiration Date <i>6/22/2013</i>

Arizona Rock Products Association
916 W. Adams Street
Phoenix, Arizona 85007

Submit electronic copy of checklist to elaine@azrockproducts.org



ARIZONA
ROCK
PRODUCTS
ASSOCIATION

*Certificate of Conformance
for
Concrete Production Facilities*

It is hereby certified that
**Drake Materials, Plant #161
39245 N Schnepf, Queen Creek AZ**

has been inspected by the undersigned registered professional engineer for conformance with requirements of the "Check List for Ready Mixed Concrete Production Facilities." As of the inspection date, the facilities met requirements as stated below.

Operation: **Truck Mixing**
Batching System: **Fully Automated**
Recording: **Cementitious, Aggregate, Water, Admixture**

A handwritten signature in black ink, appearing to read 'Steve Jansell', is written over a horizontal line.

Executive Director

Arizona Rock Products Association

A handwritten date '6/28/11' is written over a horizontal line.

Date



This Company will maintain these facilities in compliance with the Check List requirements and will correct promptly

11. CONCRETE BATCH PLANT INSPECTION REPORT

Ready Mix Supplier: Durke Materials Date: 6/22/2011
 Plant number: 161 Project Name: _____
 Plant Location: Queen Creek Rd Project Number: _____
 Inspector: [Signature] Lab Number: _____

Directions for the inspector: Place an "x" in the applicable box.

MATERIALS/INGREDIENTS

1. Aggregates

- | | ACCEPTABLE | NOT ACCEPTABLE | NOT APPLICABLE |
|--|-------------------------------------|--------------------------|--------------------------|
| a. Aggregates transported, separated, stored, stockpiled, and fed to plant correctly (Note 1). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Aggregates meet applicable quality requirements (Note 1). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

2. Cementitious Materials

- | | | | |
|--|-------------------------------------|--------------------------|--------------------------|
| a. Silos are watertight without excessive leakage. Separate storage for cement and flyash. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|--|-------------------------------------|--------------------------|--------------------------|

3. Admixtures/Additives

- | | | | |
|--|-------------------------------------|--------------------------|--------------------------|
| a. Admixtures protected to prevent damage from contamination and separation. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Admixtures protected from freezing. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

4. Water

- | | | | |
|--|-------------------------------------|--------------------------|--------------------------|
| a. Adequate supply and pressure. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Adequate heating and/or chilling capacity (Note 2). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

BATCHING PLANT

5. Scales, Plant Bins, and Weigh Batchers

- | | | | |
|---|-------------------------------------|--------------------------|--------------------------|
| a. Scale Type: Beam-indicating <input type="checkbox"/> Dial-indicating <input type="checkbox"/> Digital-indicating <input checked="" type="checkbox"/> | | | |
| b. Scale display(s) visible to batchman at normal station. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Scales/batchers accurate within applicable tolerances (Note 3). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Scales Calibrated within last 6 months. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Separate bins for fine aggregate and each applicable size of coarse aggregate. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Separate scale and weigh hopper for cementitious materials. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| g. All weigh hoppers freely suspended from scale and charge and discharge properly. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| h. Free moisture in aggregates taken into consideration when determining batch weights. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

6. Water Meter, Water Batcher, or Volumetric Measuring Tank

- | | | | |
|---|-------------------------------------|--------------------------|--------------------------|
| a. Device for measurement of added water capable of delivering required quantity within applicable tolerances and capable of dispensing in increments as small as one gallon (10lbs. if weighed). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Volumetric measuring tank equipped with a means to check calibration. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

7. Admixture Dispensers

- | | | | |
|--|-------------------------------------|--------------------------|--------------------------|
| a. Separate dispenser for each admixture. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Piping free of leaks and properly valved. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Calibrated container for verifying accuracy of measurement. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Visual or gross check for batchman independent of operation of primary metering device. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

8. Batching System *See definitions below.

- | | | | |
|---|--|--|--|
| a. Batch System Type: Manual <input type="checkbox"/> Semi-Automated <input type="checkbox"/> Fully Automated <input checked="" type="checkbox"/> | | | |
|---|--|--|--|

9. Recording System (recording device which provides a permanent record of batch quantities for each batch of concrete produced.)

- | | | | |
|---|-------------------------------------|--------------------------|--------------------------|
| a. Recorders: Cementitious <input checked="" type="checkbox"/> Aggregate <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Admixtures <input checked="" type="checkbox"/>
Recorders shall: | | | |
| b. Be properly protected. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Provide for identifying the particular batch with the corresponding delivery ticket. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Register quantity of ingredients batched. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

12. Verification of Inspection and Application for Certification (CONTINUED)

The undersigned, a registered professional engineer in Arizona
 (state, territory, or jurisdiction)

has conducted the inspection of the ready-mixed concrete plant described as Drs. Kr Materials Plant 161, 35245

(please print specific designation and location of plant)

N. Sennepf Road, Green Creek AZ

and asserts, in his professional judgment, the information provided on this Check List is accurate and complete. Application is hereby made for the issuance of a certificate for this plant, to be classified as follows:

<u>General Operation</u>	<u>Batching System</u>	<u>Recording (if any)</u>
<input checked="" type="checkbox"/> Truck Mixing	<input type="checkbox"/> Manual	<input checked="" type="checkbox"/> Cementitious
<input type="checkbox"/> Central Mixing	<input type="checkbox"/> Semi-Automated	<input checked="" type="checkbox"/> Aggregate
<input type="checkbox"/> Both	<input checked="" type="checkbox"/> Fully Automated	<input checked="" type="checkbox"/> Water
		<input checked="" type="checkbox"/> Admixtures

A Certificate of Conformance cannot be issued if any of the not acceptable boxes from CONCRETE BATCH PLANT INSPECTION REPORT (pg 12 & 13) are marked with an "X".

6/22/2011
(date)

803510
(NRMCA ID number)

(date)

(Asst. to the Engineer
NRMCA ID number)

Gene R McFadden
(signature of engineer)

Gene R McFadden
(name, please print)

(signature of engineer's assistant)

(name, please print)

3022 E Hubbell
(business address, please print)

Phoenix AZ 85008
(zip code)

(602) 214 6384
(phone number)



(Engineer's Seal)
Expires 8/30/12