



**Arizona
Rock
Products
Association**

CERTIFICATION OF READY MIXED CONCRETE PRODUCTION FACILITIES

COMPANY Desert Ready Mix		PLANT NO. 5
Plant Address or Physical Location 5401 N 119th Avenue, Litchfield Park, AZ 85340		
Engineer J.M. Willson, P.E. Engineer Assistant Chantell J. Cornett		
Inspection Date December 8, 2022	Expiration Date December 8, 2024	

Arizona Rock Products Association
916 W Adams Street
Phoenix, Arizona 85007
Submit electronic copy of checklist to nicole@azrockproducts.org



**ARIZONA
ROCK
PRODUCTS
ASSOCIATION**

*Certificate of Conformance
for
Concrete Production Facilities*

It is hereby certified that
Desert Ready Mix, Plant #5
5401 N 119th Avenue, Litchfield Park, AZ 85340

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**

Executive Director

Arizona Rock Products Association

12/12/2022

Date signed by ARPA Executive Director

12/08/2022

Inspection Date

12/08/2024

Expiration Date



This Company will maintain these facilities in compliance with the Check List requirements and will correct promptly any deficiencies which develop.

Notice: The check list indicates only that plant facilities are satisfactory for the production of concrete when properly operated. Conformance of the concrete itself with specification requirements must be verified by usual inspection methods in accordance with sales agreement.

11. CONCRETE BATCH PLANT INSPECTION REPORT

Ready Mix Supplier: Desert Ready Mix
 Plant Number: 5
 Plant Location: 5401 N 119th Ave, Litchfield Park, AZ 85340
 Inspector: Chantell J. Cornett

Date: December 8, 2022
 Project Name:
 Project Number:
 Lab Number:

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

MATERIALS/INGREDIENTS

ACCEPTABLE NOT ACCEPTABLE NOT APPLICABLE

1. Aggregates

- a. Aggregates transported, separated, stored, stockpiled, and fed to plant correctly.¹
 b. Aggregates meet applicable quality requirements.²

☒ ☐ ☐

2. Cementitious Materials

- a. Silos are watertight without excessive leakage. Separate storage for cement and flyash.

☒ ☐ ☐

3. Admixtures/Additives

- a. Admixtures protected to prevent damage from contamination and separation.
 b. Admixtures protected from freezing.

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☒ ☐ ☐

4. Water

- a. Adequate supply and pressure.
 b. Adequate heating and/or chilling capacity.³

☒ ☐ ☐
☒ ☐ ☐

BATCHING PLANT

5. Scales, Plant Bins, and Weigh Batchers

- a. Scale Type: Beam-indicating ☐ Dial-indicating ☐ Digital-indicating ☒
 b. Scale display(s) visible to batchman at normal station.
 c. Scales/batchers accurate within applicable tolerances.⁴
 d. Scales calibrated within last 6 months.
 e. Separate bins for fine aggregate and each applicable size of coarse aggregate.
 f. Separate scale and weigh hopper and each applicable size of coarse aggregate.
 g. All weigh hoppers freely suspended from scale and charge and discharge properly.
 h. Free moisture in aggregates taken into consideration when determining batch weights.

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6. Water Meter, Water Batchers, 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).
 b. Volumetric measuring tank equipped with a means to check calibration.

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7. Admixture Dispensers

- a. Separate dispenser for each admixture.
 b. Piping free of leaks and properly valved.
 c. Dispensers calibrated within last 6 months.
 d. Visual or gross check for batchmen independent of operation of primary metering device

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8. Batching System⁵

- a. Batch System Type: Manual ☐ Semi-Automated ☐ Fully Automated ☒

9. Recording System

- a. Recorders: Cementitious ☒ Aggregate ☒ Water ☒ Admixtures ☒
 Recorder shall:
 b. Be properly protected.
 c. Provide for identifying the particular batch with the corresponding delivery ticket.
 d. Register quantity of ingredients batched.

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¹ Note 1.

² Note 1.

³ Note 2.

⁴ Note 3.

⁵ See Definitions at Final Page.

TICKETING SYSTEM

10. Delivery Ticket Checklist

- a. Ready-Mix Concrete Company's Name.
- b. Plant Number of Designation.
- c. Ticket Serial Number.
- d. Truck Number or Designation.
- e. Purchaser Name.
- f. Job Name and Location.
- g. Specific Class or Designation of Concrete Mix.
- h. Batch Size in Cubic Yards or Meters.
- i. Date and Time when Batch was Loaded.
- j. Type and Name of Specialty Admixture or Ingredient and Amount Batched.
- k. Place Where Extra Water Added at Request of Receiver and his signature or initials.

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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The Concrete Plants satisfies the indicated criteria and is capable of producing concrete within the acceptable tolerances.

Yes ☒ No ☐

Notes:

1. Items 1a and 1b evaluated as follows:
 - a. Aggregate stockpiles located to prevent contamination and arranged to assure that each aggregate as removed from its stockpile is distinct and not intermingled with others.
 - b. Separate storage bins or compartments for each size and type of aggregate properly constructed and discharges to prevent mixing of different sizes or types.
 - c. Aggregates meet applicable specifications.
2. Adequate heating and/or chilling
 - a. Not required for plant approval.
3. Scales and Batches Accurate within Acceptable Tolerances
 - a. Applicable tolerances are consistent with information contained in the latest addition of *ASTM C 94 Standard Specifications for Ready Mixed Concrete*.

Definitions:

Manual Systems

Batching devices are operated manually. Individual batch target weights, moisture adjustments, and volumetric measuring systems are manually determined and verified by the batch operator. Discharge of the batch is performed manually by the batch operator. These systems are typically assisted by pneumatic, electric or hydraulic power, but may be hand operated.

Semi-Automated Systems

These systems provide mechanisms that start the weighing and volumetric measuring devices for the batch. These systems will stop the weight and measuring upon attaining the required batch tolerances. Discharge of the batch may be automated upon attaining acceptable batch tolerance, or may be performed manually. These systems may or may not include interlocking mechanisms for out of tolerance batches.

Fully Automated Systems

A single starting mechanism provides target weights and volumes, begins the weighing and measuring process and ends this process when the targeted batch proportions are within tolerance. Out of tolerance batches must be manually adjusted to within tolerance and/or accepted by the batch operator. Once the batch tolerances are met or manually accepted, discharge of the batch will begin automatically.

6. Verification of Inspection and Application for Certification

The undersigned, a registered professional engineer in Arizona has conducted the inspection of the ready-mixed concrete plant described as:

(state, territory, or jurisdiction)

Desert Ready Mix | Plant 5 | 5401 N 119th Avenue, Litchfield Park, AZ

(Company, Plant No., and Location)

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

General Operation

- ☒ Truck Mixing
☐ Central Mixing
☐ Shrink Mixing

Batching System

- ☐ Manual
☐ Partially Automatic
☐ Semi-Automatic
☒ Fully Automatic

Recording (if any)

- ☒ Cementitious
☒ Aggregate
☒ Water
☒ 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".

12.09.2022

(date)

720574

(NRMCA ID Number)

12.09.2022

(date)

855785

(NRMCA ID Number)

(signature of engineer)

James M. Willson, P.E.

(engineer name, please print)

Chantell J. Cornett

(signature of engineer's assistant)

Chantell J. Cornett

(engineer's assistant name, please print)

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(business address, please print)

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(phone number)

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(email)



(Engineer's Seal)