



**Arizona
Rock
Products
Association**

CERTIFICATION OF READY MIXED CONCRETE PRODUCTION FACILITIES

COMPANY McNeil Bothers	PLANT NO. Erie 2
Plant Address or Physical Location Salt River near 24th Street at University	
Engineer Bryan R. Castles	
Inspection Date May 30, 2022	Expiration Date May 30, 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

**McNeil Brothers, Plant #Erie 2
Salt River near 24th Street at University**

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: **Central Mix**

Batching System: **Fully Automated**

Recording: **Cementitious, Aggregate, Water, Admixture**

Executive Director

Arizona Rock Products Association

05/31/2022

Date signed by ARPA Executive Director

05/30/2022

Inspection Date

05/30/2024

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: McNeil Brothers Date: May 26, 2022
Plant number: Erie 2 Project Name: I-10 Broadway Curve
Plant Location: 24th Street at University Project Number: McNeil #2105
Inspector: Bryan R. Castles Lab Number: _____

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

		NOT ACCEPTABLE	NOT APPLICABLE
MATERIALS/INGREDIENTS			
1. Aggregates			
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"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 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).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Volumetric measuring tank equipped with a means to check calibration.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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 batchman independent of operation of primary metering device.

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8. Batching System **See definitions below.*

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

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

- a. Recorders: Cementitious ☒ Aggregate ☒ Water ☒ Admixtures ☒

Recorders 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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TICKETING SYSTEM

10. Delivery ticket provides the following information

- a. Ready-Mix Concrete Company's Name
- b. Plant number or 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 yard 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 of the concrete and his signature or initials.

ACCEPTABLE

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Not

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Not

APPLICABLE

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The referenced plant satisfies the indicated criteria and is capable of producing acceptable concrete. Yes ☒ No ☐

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 McNeil Brothers
Portable Batch Plant Erie 2

(please print specific designation and location of plant)

Salt River near 24th Street and University Drive, Phoenix Arizona

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:

General Operation

- ☐ Truck Mixing
☒ Central Mixing
☐ Both

Batching System

- ☐ Manual
☐ Semi-Automated
☒ Fully Automated

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".

5-30-22

(date)

807184

(NRMCA ID number)

2-20-2008

(date)

N/A

(Asst. to the Engineer
NRMCA ID number)

Bryan Castles

Bryan Castles, P.E.

(signature of engineer)

Bryan R. Castles

(name, please print)

N/A

(signature of engineer's assistant)

N/A

(name, please print)

3737 East Broadway Road, Phoenix, Arizona

(business address, please print)

85040

(zip code)

602-437-3737

(phone number)

Digitally signed by Bryan Castles,
P.E.
Date: 2022.05.30 11:46:53 -07'00'

