



**Certificate of Conformance
for
Hot Mix Asphalt Production Facilities**

IT IS HEREBY CERTIFIED THAT *HANSON PLANT # 35*
51ST AVE + BROADWAY ROAD

has been inspected by the undersigned registered professional engineer for conformance with requirements of the "Check List for Hot Mix Asphalt Production Facilities." As of the inspection date, the facilities met requirements for production by

[Signature]

Signature of P.E.
2-26-2020

Inspection Date
2-26-2022

Certificate Expiration Date

ARIZONA ROCK PRODUCTS ASSOCIATION
3/5/20

Date
[Signature]

President



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

[Signature] Ryan Jacoby

Signature and Title of Company's Principal Executive
V.P./G.M.

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 agreements.

COMPANY Hanson	PLANT NO. 35
City Plant Location Phoenix Arizona	
Engineer Mark Hartig	
Inspection date 2/26/2020	Expiration Date 2/26/2022



**ARIZONA ROCK
PRODUCTS ASSOCIATION**

Certification of Hot Mix Asphalt Production Facilities

This Hot Mix Facility Certification Plan has been developed by The Asphalt Paving and Technical Committee of the Arizona Rock Products Association and has been adopted by ARPA. Membership is required to be eligible for this certification program.

Arizona Rock Products Association

916 West Adams Street • Phoenix, Arizona 85007-2732 • (602) 271-0346

PLANT CHECK LIST

1. Material Handling and Storage

- 1.1 Do aggregates meet the M.A.G. specifications?
- 1.2 Are proper aggregate gradations produced to meet mix designs?
- 1.3 Is aggregate storage satisfactory?
- 1.4 Are stockpiles separated properly?
- 1.5 Are stockpiles constructed properly?
- 1.6 Are stockpiled aggregates handled correctly?
- 1.8 Is silo for mineral filler watertight?

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2. Cold Feed

- 2.1 Do cold feed bins contain proper size aggregates?
- 2.2 Are cold feed bins charged properly?
- 2.3 Do cold aggregate feeders perform satisfactorily?
- 2.4 Are cold aggregate feeders calibrated?
- 2.5 Are cold aggregate feeder gates set correctly?
- 2.6 Are all cold aggregates feeding continuously?

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3. Asphalt Heating, Circulating and Temperature of Mixture

- 3.1 Is asphalt uniformly heated to the temperature specified?
- 3.2 Have all lines been checked for leaks?
- 3.3 Is the specified temperature of the mixture and its components being maintained?
- 3.4 Are all asphalt supply lines insulated?
- 3.5 Are all temperature monitoring devices functioning properly?

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4. Drum Mix Plant

- 4.1 Have aggregate feeds been calibrated?
- 4.2 Has asphalt feed been calibrated?
- 4.3 Are aggregate and asphalt feeds interlocked?
- 4.4 Are all plant parts in good condition and adjustment?
- 4.5 Is the mineral admixture feed system calibrated?
- 4.6 Is the asphalt at the proper temperature when introduced into the drum?

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5. Batch Plant

- 5.1 Do scales comply with Arizona Department of Weights and Measures specifications?
- 5.2 Have scales been calibrated?
- 5.3 Have scales been checked for tolerance?
- 5.4 Does asphalt bucket tare properly?
- 5.5 Does weigh box hang free?
- 5.6 Are mixer parts in good condition and adjustment?
- 5.7 Is proper size batch being mixed?
- 5.8 Is bin withdrawal in proper sequence?
- 5.9 Is asphalt distribution uniform along the pugmill?
- 5.10 Are aggregates and asphalt at proper temperatures when introduced into the pugmill?
- 5.11 Do any valves or gates leak?
- 5.12 Is mixing time adequate?
- 5.13 Are scale points set properly for batch weights?
- 5.14 Are mixer shafts revolving at proper speed?
- 5.15 Are the screen capacities sufficient to handle the maximum feed from the dryer?
- 5.16 Are screens clean?

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- 5.17 Are screens worn or broken?
- 5.18 Is the carry-over irregular or excessive?
- 5.19 Are hot bin partitions sound?
- 5.20 Are overflow chutes free-flowing?
- 5.21 Is bin balance being maintained?
- 5.22 Is access for sampling adequate?

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6. Dryer and Drum Collector

- 6.1 Is dryer and dust collector functioning properly?
- 6.2 Is the aggregate properly dried?
- 6.3 Are the aggregates at the proper temperature?
- 6.4 Are dryer components in balance?
- 6.5 Is dryer in balance with other plant components?
- 6.6 Is the heat-indicating device installed correctly?
- 6.7 Has the heat-indicating device been checked for accuracy?
- 6.8 Is dust collector in balance with dryer?
- 6.9 Are collected fines from the dust collector wasted, or fed back uniformly in the desired amount?

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7. Quality Control Plan

- 7.1 Is there a quality control plan in place?

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8. Miscellaneous Responsibilities

- 8.1 Is the mix of uniform appearance?
- 8.2 Is the general appearance of the mix satisfactory?
- 8.3 Is the temperature of the mix uniform and satisfactory?
- 8.4 Are safety measures being observed?

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P

9. Ticketing System

Provision on the delivery ticket for the following information:

- 9.1 Date of Delivery P
- 9.2 Supplier's Name P
- 9.3 Plant location and / or plant number P
- 9.4 Serial Number of Ticket P
- 9.5 Serial Number or designation of Truck P
- 9.6 Contractor's or Purchaser's name P
- 9.7 Project name and / or location P
- 9.8 Product code / description with percent asphalt cement P
- 9.9 Mineral filler / additive and percent P
- 9.10 Time of batching, arrival and unloading P
- 9.11 Material weight or vehicle weight with and without material P
- 9.12 Accumulative weight of all loads P

10. Release Agents

- 10.1 Are release agents on the ADOT Approved Products List? P
- 10.2 Is the application equipment function properly? P
- 10.3 Is the containment area adequately covered without excess? P

**Verification of Inspection
and Application for Certificate**

The undersigned, a registered professional in the State of Arizona has conducted the inspection of the Hot Mix Asphalt Plant described as Hanson Plant 35

and asserts that, 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 type="checkbox"/> Batch Plant	<input type="checkbox"/> Manual	<input checked="" type="checkbox"/> Mineral Admix
<input checked="" type="checkbox"/> Dryer - Drum	<input type="checkbox"/> Partially Automatic	<input checked="" type="checkbox"/> Aggregate
	<input type="checkbox"/> Semi-Automatic	<input checked="" type="checkbox"/> Asphalt Cement
	<input checked="" type="checkbox"/> Automatic	

(A Certificate of Compliance cannot be issued if there is an "F" in any required sections. An "N" is permitted in a required section only if the item is not applicable to the particular plant)

2-27-2020
(date)

[Signature]
(signature)

MARK HARTIG
(printed name)

4600 E Washington ST Ste 600 Phoenix, AZ 85034
(address)

(SEAL)



**Agreement to Regularly Check Scales and
Volumetric Batching Devices and Dispensers**

(to be completed by hot mix asphalt company official)

The undersigned agrees that all scales and porportioning devices in the plant described below will be checked at intervals not exceeding 6 months for conformance with the "Check List for Production Facilities." Any failure to meet the scale and metering device tolerances of the Department of Weights and Measures will be corrected promptly. If correction is delayed for any reason, batch weights of any hot mix asphalt will be adjusted to assure against a deficiency in the asphalt cement content. The undersigned also agrees that the batching accuracy of all volumetric dispensers in the AC plant will be checked at intervals not exceeding 90 days for conformance with the batching accuracy requirements of the Uniform Standard Specifications for Public Works Construction, sponsored by the Maricopa Association of Governments. Any failure to meet the required batching accuracy will be corrected promptly. (Checks may be made by qualified company personnel or by outside agencies or scale checking companies.)

<u>Ryan Jacoby</u> (signature of responsible company official)	<u>3/2/20</u> (date)
Ryan Jacoby V.P./G.M.	
(name and title, please print)	
<u>PLANT #35 51ST AVE AND BROADWAY RD.</u>	
(plant designation and location, please print)	
<u>4025 S. McCLINTOCK AVE., TEMPE, AZ</u>	
(company and address, please print)	
<u>85282</u>	
(zip code)	

ARPA Plant Certification Program
Engineer Information Form

(This form need be submitted only once to ARPA)

To be submitted to Arizona Rock Products Association, 916 West Adams, Phoenix, Arizona 85007, with completed copy of the Check List for Hot Mix Asphalt Production Facilities. Once a copy of this form is on file with ARPA, the engineer need not submit it again.

Name: Mark Hartig

Address: 4600 E. Washington ST. STE 600
Phoenix, AZ 85034

Registration No.: 41937 State: AZ

Major Branch: Civil
(civil, etc., as designated in state directory)

Resume of experience (relevant to qualification for checking hot mix asphalt production facilities):

See Appendix On file already

(signature of P.E.)

(date)

(SEAL)