CLASS II AIR QUALITY PERMIT

DRAFT PERMIT No. 96358

PERMITTEE:	**BLT Companies, LLLP**
FACILITY:	**BLT Companies – Hot Mix Asphalt #1**
PLACE ID:	**129110**
DATE ISSUED:	**DRAFT**
EXPIRY DATE:	**DRAFT**

SUMMARY

Class II Synthetic Minor Air Quality Permit No. 96538 is issued to BLT Companies, LLLP. the Permittee, for the continued operation of the BLT Companies – Hot Mix Asphalt #1 facility. The facility is located at 5401 Highway 95, Yuma, Yuma County, 85356. This permit renews and supersedes Permit No. 66175.

The BLT Companies – Hot Mix Asphalt #1 facility operates a stationary hot mix asphalt plant, concrete batch plant, crushing and screening plant, and wash plant, and a portable crushing and screening plant. A Class II synthetic minor permit is required because the maximum capacity to emit with elective limits greater than the significant level for particulate matter with aerodynamic diameter less than 10 microns (PM_{10}), particulate matter with aerodynamic diameter less than 2.5 microns ($PM_{2.5}$), and oxides of nitrogen (NO_X) in accordance with A.A.C. R18-2-302.B.2.a. The facility is also subject to New Source Performance Standards Subparts I "Standards of Performance for Hot Mix Asphalt Facilities" and OOO "Standards of Performance for Nonmetallic Mineral Processing Plants." The facility is designated a synthetic minor because voluntary limitations on the hot mix asphalt plant's operating hours were accepted in accordance with A.A.C. R18-2-306.01 to reduce the facility's potential to emit carbon monoxide (CO) and sulfur dioxide (SO_2) below the major source threshold to avoid the requirement for a Class I Title V permit.

This permit is issued in accordance with Arizona Revised Statutes (ARS) 49-426. It contains requirements from Title 18, Chapter 2 of the A.A.C. and Title 40 of the Code of Federal Regulations. All definitions, terms, and conditions used in this permit conform to those in the Arizona Administrative Code R18-2-101 et. seq. (A.A.C.) and Title 40 of the Code of Federal Regulations (CFR), except as otherwise defined in this permit.

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ATTACHMENT "A": GENERAL PROVISIONS

I. PERMIT EXPIRATION AND RENEWAL

A. This permit is valid for a period of five (5) years from the date of issuance.
[ARS § 49-426.F, A.A.C. R18-2-306.A.1]

B. The Permittee shall submit an application for renewal of this permit at least six (6) months, but not more than eighteen (18) months, prior to the date of permit expiration.
[A.A.C. R18-2-304.D.2]

II. COMPLIANCE WITH PERMIT CONDITIONS

A. The Permittee shall comply with all conditions of this permit including all applicable requirements of the Arizona Revised Statutes (A.R.S.) Title 49, Chapter 3, and the air quality rules under Title 18, Chapter 2 of the Arizona Administrative Code. Any permit noncompliance is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or for denial of a permit renewal application. In addition, noncompliance with any federally enforceable requirement constitutes a violation of the Clean Air Act.
[A.A.C. R18-2-306.A.8.a]

B. It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
[A.A.C. R18-2-306.A.8.b]

III. PERMIT REVISION, REOPENING, REVOCATION AND REISSUANCE, OR TERMINATION FOR CAUSE

A. The permit may be revised, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a permit revision, revocation and reissuance, termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.
[A.A.C. R18-2-306.A.8.c]

B. The permit shall be reopened and revised under any of the following circumstances:

1. The Director or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit; and
[A.A.C. R18-2-321.A.1.c]

2. The Director or the Administrator determines that the permit needs to be revised or revoked to assure compliance with the applicable requirements.
[A.A.C. R18-2-321.A.1.d]

C. Proceedings to reopen and issue a permit, including appeal of any final action relating to a permit reopening, shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening

shall be made as expeditiously as practicable. Permit reopenings shall not result in a resetting of the five-year permit term.

[A.A.C. R18-2-321.A.2]

IV. POSTING OF PERMIT

A. The Permittee shall post this permit or a certificate of permit issuance on location where the equipment is installed in such a manner as to be clearly visible and accessible. All equipment covered by this permit shall be clearly marked with one of the following:

[A.A.C. R18-2-315.A]

1. Current permit number; or

2. Serial number or other equipment ID number that is also listed in the permit to identify that piece of equipment.

B. A copy of the complete permit shall be kept on site.

[A.A.C. R18-2-315.B]

V. FEE PAYMENT

The Permittee shall pay fees to the Director pursuant to ARS § 49-426(E) and A.A.C. R18-2-326.

[A.A.C. R18-2-306.A.9 and -326]

VI. EMISSIONS INVENTORY QUESTIONNAIRE AND EMISSIONS STATEMENT

A. Emissions Inventory Questionnaire

1. The Permittee shall complete and submit to the Director an emissions inventory questionnaire no later than June 1 every three years beginning June 1, 2021. At the Director's request, the Permittee may be required to complete and submit emissions inventory questionnaires in addition to the triennial emissions inventory questionnaire. The Director shall notify the Permittee in writing of the decision to require additional emissions inventory questionnaires.

[A.A.C. R18-2-327.A.1.b]

2. The emissions inventory questionnaire shall be on an electronic or paper form provided by the Director and shall include the information required by A.A.C. R18-2-327.A.3 for the previous calendar year.

[A.A.C. R18-2-327.A.3]

3. The Permittee shall submit to the Director an amendment to an emissions inventory questionnaire, containing the documentation required by A.A.C. R18-2-327.A.3, whenever the Permittee discovers or receives notice, within two years of the original submittal, that incorrect or insufficient information was submitted to the Director by a previous emissions inventory questionnaire. The amendment shall be submitted to the Director within 30 days of discovery or receipt of notice. If the incorrect or insufficient information resulted in an incorrect annual emissions fee, the Director shall require that additional payment be made or shall apply an amount as a credit to a future annual emissions fee. The submittal of an amendment shall not subject the Permittee to an enforcement action or a civil or criminal penalty if

the original submittal of incorrect or insufficient information was not due to willful neglect.

[A.A.C. R18-2-327.A.4]

B. Emissions Statement

1. If the source operated in an ozone nonattainment area and actual emissions of nitrogen oxides (NO_X) and/or volatile organic compounds (VOCs) during the calendar year are 25 tons or more, then the Permittee shall complete and submit to the Director an emissions statement no later than June 1 of the following year. If the Permittee submits an emission inventory questionnaire under Condition VI.A, then the Permittee is not required to also submit an emissions statement for that submission year.

[A.A.C. R18-2-327.B.1 and B.5]

2. The emissions statement shall be on an electronic or paper form provided by the Director and shall include the information required by A.A.C. R18-2-327.B.2 for the previous calendar year.

[A.A.C. R18-2-327.B.2]

3. If either NO_X or VOC annual emissions are greater than or equal to 25 tons, the other pollutant shall be included in the emissions statement even if less than 25 tons.

[A.A.C. R18-2-327.B.3]

4. The Permittee shall submit to the Director an amendment to an emissions statement containing the documentation required by A.A.C. R18-2-327.B.2 whenever the Permittee discovers or receives notice within two years of the original submittal that incorrect or insufficient information was submitted to the Director by a previous emissions statement. The amendment shall be submitted to the Director within 30 days of discovery or receipt of notice. The submittal of an amendment shall not subject the Permittee to an enforcement action or a civil or criminal penalty if the original submittal of incorrect or insufficient information was not due to willful neglect.

[A.A.C. R18-2-327.B.4]

VII. COMPLIANCE CERTIFICATION

A. The Permittee shall submit a compliance certification to the Director annually which describes the compliance status of the source with respect to each permit condition. The certification shall be submitted no later than February 15th, and shall report the compliance status of the source during the period between January 1st and December 31st of the previous year.

[A.A.C. R18-2-309.2.a]

B. The compliance certifications shall include the following:

1. Identification of each term or condition of the permit that is the basis of the certification;

[A.A.C. R18-2-309.2.c.i]

2. Identification of the methods or other means used by the Permittee for determining the compliance status with each term and condition during the certification period;
[A.A.C. R18-2-309.2c.ii]

3. Status of compliance with the terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certifications shall identify each deviation (including any deviations reported pursuant to Condition XII.B of this Attachment) during the period covered by the certification and take it into account for consideration in the compliance certification
[A.A.C. R18-2-309.2.c.iii]

4. Other facts the Director may require in determining the compliance status of the source.
[A.A.C. R18-2-309.2.c.iv]

C. A progress report on all outstanding compliance schedules shall be submitted every six months beginning six months after permit issuance.
[A.A.C. R18-2-309.5.d]

VIII. CERTIFICATION OF TRUTH, ACCURACY AND COMPLETENESS

Any document required to be submitted by this permit, including reports, shall contain a certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
[A.A.C. R18-2-309.3]

IX. INSPECTION AND ENTRY

Upon presentation of proper credentials, the Permittee shall allow the Director or the authorized representative of the Director to:

A. Enter upon the Permittee's premises where a source is located, emissions-related activity is conducted, or where records are required to be kept under the conditions of the permit;
[A.A.C. R18-2-309.4.a]

B. Have access to and copy, at reasonable times, any records that are required to be kept under the conditions of the permit;
[A.A.C. R18-2-309.4.b]

C. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit;
[A.A.C. R18-2-309.4.c]

D. Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or other applicable requirements; and
[A.A.C. R18-2-309.4.d]

E. Record any inspection by use of written, electronic, magnetic and photographic media.

[A.A.C. R18-2-309.4.e]

X. PERMIT REVISION PURSUANT TO FEDERAL HAZARDOUS AIR POLLUTANT STANDARD

If this source becomes subject to a standard promulgated by the Administrator pursuant to Section 112(d) of the Act, then the Permittee shall, within twelve months of the date on which the standard is promulgated, submit an application for a permit revision demonstrating how the source will comply with the standard.

[A.A.C. R18-2-304.D.3]

XI. ACCIDENTAL RELEASE PROGRAM

If this source becomes subject to the provisions of 40 CFR Part 68, then the Permittee shall comply with these provisions according to the time line specified in 40 CFR Part 68.

[40 CFR Part 68]

XII. EXCESS EMISSIONS, PERMIT DEVIATIONS, AND EMERGENCY REPORTING

A. Excess Emissions Reporting

[A.A.C. R18-2-310.01.A, B, and C]

1. Excess emissions shall be reported as follows:

   a. The Permittee shall report to the Director any emissions in excess of the limits established by this permit. Such report shall be in two parts as specified below:

   [A.A.C. R18-2-310.01.A]

      (1) Notification by telephone or facsimile within 24 hours of the time when the Permittee first learned of the occurrence of excess emissions including all available information from Condition XII.A.1.b below.

      (2) Detailed written notification by submission of an excess emissions report within 72 hours of the notification pursuant to Condition XII.A.1.a(1) above.

   b. The report shall contain the following information:

      (1) Identity of each stack or other emission point where the excess emissions occurred;

      [A.A.C. R18-2-310.01.B.1]

      (2) Magnitude of the excess emissions expressed in the units of the applicable emission limitation and the operating data and calculations used in determining the magnitude of the excess emissions;

      [A.A.C. R18-2-310.01.B.2]

      (3) Time and duration, or expected duration, of the excess emissions;

[A.A.C. R18-2-310.01.B.3]

(4) Identity of the equipment from which the excess emissions emanated;

[A.A.C. R18-2-310.01.B.4]

(5) Nature and cause of the emissions;

[A.A.C. R18-2-310.01.B.5]

(6) If the excess emissions were the result of a malfunction, steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunctions;

[A.A.C. R18-2-310.01.B.6]

(7) Steps that were or are being taken to limit the excess emissions; and

[A.A.C. R18-2-310.01.B.7]

(8) If the excess emissions resulted from start-up or malfunction, the report shall contain a list of the steps taken to comply with the permit procedures governing source operation during periods of startup or malfunction.

[A.A.C. R18-2-310.01.B.8]

2. In the case of continuous or recurring excess emissions, the notification requirements shall be satisfied if the source provides the required notification after excess emissions are first detected and includes in such notification an estimate of the time the excess emissions will continue. Excess emissions occurring after the estimated time period, or changes in the nature of the emissions as originally reported, shall require additional notification pursuant to Condition XII.A.1 above.

[A.A.C. R18-2-310.01.C]

B. Permit Deviations Reporting

The Permittee shall promptly report deviations from permit requirements, including those attributable to upset conditions as defined in the permit, the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the applicable requirement contains a definition of prompt or otherwise specifies a timeframe for reporting deviations, that definition or timeframe shall govern. Where the applicable requirement does not address the timeframe for reporting deviations, the Permittee shall submit reports of deviations according to the following schedule:

1. Notice that complies with Condition XII.A above is prompt for deviations that constitute excess emissions;

[A.A.C. R18-2-306.A.5.b.i]

2. Notice that is submitted within two working days of discovery of the deviation is prompt for deviations of permit conditions identified by Condition I.B.1 of Attachment “B”;

[A.A.C. R18-2-306.A.5.b.ii]

3. Except as provided in Conditions XII.B.1 and 2, prompt notification of all other types of deviations shall be annually, concurrent with the annual compliance certifications required in Section VII, and can be submitted via myDEQ, the Arizona Department of Environmental Quality's online portal.

[A.A.C. R18-2-306.A.5.b.ii]

C. Emergency Provision

1. An "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, that require immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

[A.A.C. R18-2-306.E.1]

2. An emergency constitutes an affirmative defense to an action brought for noncompliance with technology-based emission limitations if Condition XII.C.3 below is met.

[A.A.C. R18-2-306.E.2]

3. The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

[A.A.C. R18-2-306.E.3]

a. An emergency occurred and that the Permittee can identify the cause(s) of the emergency;

[A.A.C. R18-2-306.E.3.a]

b. The permitted facility was being properly operated at the time of the emergency;

[A.A.C. R18-2-306.E.3.b]

c. During the period of the emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and

[A.A.C. R18-2-306.E.3.c]

d. The Permittee submitted notice of the emergency to the Director by certified mail, facsimile, or hand delivery within two working days of the time when emission limitations were exceeded due to the emergency. This notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective action taken.

[A.A.C. R18-2-306.E.3.d]

4. In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

[A.A.C. R18-2-306.E.4]

5. This provision is in addition to any emergency or upset provision contained in any applicable requirement.

[A.A.C. R18-2-306.E.5]

D. Affirmative Defenses for Excess Emissions Due to Malfunctions, Startup, and Shutdown

1. Applicability

A.A.C. R18-2-310 establishes affirmative defenses for certain emissions in excess of an emission standard or limitation and applies to all emission standards or limitations except for standards or limitations:

a. Promulgated pursuant to Sections 111 or 112 of the Act;

[A.A.C. R18-2-310.A.1]

b. Promulgated pursuant to Titles IV or VI of the Clean Air Act;

[A.A.C. R18-2-310.A.2]

c. Contained in any Prevention of Significant Deterioration (PSD) or New Source Review (NSR) permit issued by the U.S. EPA;

[A.A.C. R18-2-310.A.3]

d. Contained in A.A.C. R18-2-715.F; or

[A.A.C. R18-2-310.A.4]

e. Included in a permit to meet the requirements of A.A.C. R18-2-406.A.5.

[A.A.C. R18-2-310.A.5]

2. Affirmative Defense for Malfunctions

Emissions in excess of an applicable emission limitation due to malfunction shall constitute a violation. When emissions in excess of an applicable emission limitation are due to a malfunction, the Permittee has an affirmative defense to a civil or administrative enforcement proceeding based on that violation, other than a judicial action seeking injunctive relief, if the Permittee has complied with the reporting requirements of A.A.C. R18-2-310.01 and has demonstrated all of the following:

[A.A.C. R18-2-310.B]

a. The excess emissions resulted from a sudden and unavoidable breakdown of process equipment or air pollution control equipment beyond the reasonable control of the Permittee;

[A.A.C. R18-2-310.B.1]

b. The air pollution control equipment, process equipment, or processes were at all times maintained and operated in a manner consistent with good practice for minimizing emissions;

[A.A.C. R18-2-310.B.2]

c. If repairs were required, the repairs were made in an expeditious fashion when the applicable emission limitations were being exceeded. Off-shift

labor and overtime were utilized where practicable to ensure that the repairs were made as expeditiously as possible. If off-shift labor and overtime were not utilized, the Permittee satisfactorily demonstrated that the measures were impracticable;

[A.A.C. R18-2-310.B.3]

d. The amount and duration of the excess emissions (including any bypass operation) were minimized to the maximum extent practicable during periods of such emissions;

[A.A.C. R18-2-310.B.4]

e. All reasonable steps were taken to minimize the impact of the excess emissions on ambient air quality;

[A.A.C. R18-2-310.B.5]

f. The excess emissions were not part of a recurring pattern indicative of inadequate design, operation, or maintenance;

[A.A.C. R18-2-310.B.6]

g. During the period of excess emissions there were no exceedances of the relevant ambient air quality standards established in Title 18, Chapter 2, Article 2 of the Arizona Administrative Code that could be attributed to the emitting source;

[A.A.C. R18-2-310.B.7]

h. The excess emissions did not stem from any activity or event that could have been foreseen and avoided, or planned, and could not have been avoided by better operations and maintenance practices;

[A.A.C. R18-2-310.B.8]

i. All emissions monitoring systems were kept in operation if at all practicable; and

[A.A.C. R18-2-310.B.9]

j. The Permittee's actions in response to the excess emissions were documented by contemporaneous records.

[A.A.C. R18-2-310.B.10]

3. Affirmative Defense for Startup and Shutdown

a. Except as provided in Condition XII.D.3 below, and unless otherwise provided for in the applicable requirement, emissions in excess of an applicable emission limitation due to startup and shutdown shall constitute a violation. When emissions in excess of an applicable emission limitation are due to startup and shutdown, the Permittee has an affirmative defense to a civil or administrative enforcement proceeding based on that violation, other than a judicial action seeking injunctive relief, if the Permittee has complied with the reporting requirements of A.A.C. R18-2-310.01 and has demonstrated all of the following:

[A.A.C. R18-2-310.C.1]

(1) The excess emissions could not have been prevented through careful and prudent planning and design;

[A.A.C. R18-2-310.C.1.a]

(2) If the excess emissions were the result of a bypass of control equipment, the bypass was unavoidable to prevent loss of life, personal injury, or severe damage to air pollution control equipment, production equipment, or other property;

[A.A.C. R18-2-310.C.1.b]

(3) The air pollution control equipment, process equipment, or processes were at all times maintained and operated in a manner consistent with good practice for minimizing emissions;

[A.A.C. R18-2-310.C.1.c]

(4) The amount and duration of the excess emissions (including any bypass operation) were minimized to the maximum extent practicable during periods of such emissions;

[A.A.C. R18-2-310.C.1.d]

(5) All reasonable steps were taken to minimize the impact of the excess emissions on ambient air quality;

[A.A.C. R18-2-310.C.1.e]

(6) During the period of excess emissions there were no exceedances of the relevant ambient air quality standards established in Title 18, Chapter 2, Article 2 of the Arizona Administrative Code that could be attributed to the emitting source;

[A.A.C. R18-2-310.C.1.f]

(7) All emissions monitoring systems were kept in operation if at all practicable; and

[A.A.C. R18-2-310.C.1.g]

(8) Contemporaneous records documented the Permittee's actions in response to the excess emissions.

[A.A.C. R18-2-310.C.1.h]

b. If excess emissions occur due to a malfunction during routine startup and shutdown, then those instances shall be treated as other malfunctions subject to Condition XII.D.2 above.

[A.A.C. R18-2-310.C.2]

4. Affirmative Defense for Malfunctions During Scheduled Maintenance

If excess emissions occur due to a malfunction during scheduled maintenance, then those instances will be treated as other malfunctions subject to Condition XII.D.2 above.

[A.A.C. R18-2-310.D]

5. Demonstration of Reasonable and Practicable Measures

For an affirmative defense under Condition XII.D.2 or XII.D.3, the Permittee shall demonstrate, through submission of the data and information required by this Condition XII.D and Condition XII.A.1 above, that all reasonable and practicable measures within the Permittee's control were implemented to prevent the occurrence of the excess emissions.

[A.A.C. R18-2-310.E]

XIII. RECORDKEEPING REQUIREMENTS

A. The Permittee shall keep records of all required monitoring information including, but not limited to, the following:

1. The date, place as defined in the permit, and time of sampling or measurements;
[A.A.C. R18-2-306.A.4.a.i]

2. The date(s) any analyses were performed;
[A.A.C. R18-2-306.A.4.a.ii]

3. The name of the company or entity that performed the analyses;
[A.A.C. R18-2-306.A.4.a.iii]

4. A description of the analytical techniques or methods used;
[A.A.C. R18-2-306.A.4.a.iv]

5. The results of analyses; and
[A.A.C. R18-2-306.A.4.a.v]

6. The operating conditions as existing at the time of sampling or measurement.
[A.A.C. R18-2-306.A.4.a.vi]

B. The Permittee shall retain records of all required monitoring data and support information for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings or other data recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

[A.A.C. R18-2-306.A.4.b]

XIV. DUTY TO PROVIDE INFORMATION

A. The Permittee shall furnish to the Director, within a reasonable time, any information that the Director may request in writing to determine whether cause exists for revising, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. Upon request, the Permittee shall also furnish to the Director copies of records required to be kept by the permit. For information claimed to be confidential, the Permittee shall furnish an additional copy of such records directly to the Administrator along with a claim of confidentiality.

[A.A.C. R18-2-304.G and -306.A.8.e]

B. If the Permittee has failed to submit any relevant facts or has submitted incorrect information in the permit application, the Permittee shall, upon becoming aware of such

failure or incorrect submittal, promptly submit such supplementary facts or corrected information.

[A.A.C. R18-2-304.H]

XV. PERMIT AMENDMENT OR REVISION

The Permittee shall apply for a permit amendment or revision for changes to the facility which does not qualify for a facility change without revision under Section XVII below, as follows:

A. Facility Changes that Require a Permit Revision;

[A.A.C. R18-2-317.01]

B. Administrative Permit Amendment;

[A.A.C. R18-2-318]

C. Minor Permit Revision; and

[A.A.C. R18-2-319]

D. Significant Permit Revision.

[A.A.C. R18-2-320]

E. The applicability and requirements for such action are defined in the above referenced regulations.

XVI. FACILITY CHANGE WITHOUT A PERMIT REVISION

A. Except for a physical change or change in the method of operation at a Class II source requiring a permit revision under A.A.C. R18-2-317.01, or a change subject to logging or notice requirements in Condition XVI.B, a change at a Class II source shall not be subject to revision, notice, or logging requirements under this Section.

[A.A.C. R18-2-317.02.A]

B. The following changes may be made if the source keeps on site records of the changes according to Condition XVI.F below:

[A.A.C. R18-2-317.02.B]

1. Implementing an alternative operating scenario, including raw materials changes;

2. Changing process equipment, operating procedures, or making any other physical change if the permit requires the change to be logged;

3. Engaging in any new insignificant activity listed in A.A.C. R18-2-101.68 but not listed in the permit;

4. Replacing an item of air pollution control equipment listed in the permit with an identical (same model, different serial number) item. The Director may require verification of efficiency of the new equipment by performance tests; and

5. A change that results in a decrease in actual emissions if the source wants to claim credit for the decrease in determining whether the source has a net emissions increase for any purpose. The logged information shall include a description of

the change that will produce the decrease in actual emissions. A decrease that has not been logged is creditable only if the decrease is quantifiable, enforceable, and otherwise qualifies as a creditable decrease.

C. The permit shield described in A.A.C. R18-2-325 shall not apply to any change made under this Section, other than implementation of an alternate operating scenario under Condition XVI.B.1.

[A.A.C. R18-2-317.02.F]

D. Notwithstanding any other part of this Section, the Director may require a permit to be revised for any change that, when considered together with any other changes submitted by the Permittee under this Section over the term of the permit, constitutes a change under subsection A.A.C. R18-2-317.01.A.

[A.A.C. R18-2-317.02.G]

E. A copy of all logs required under Condition XVI.B shall be filed with the Director within 30 days after each anniversary of the permit issuance date. If no changes were made at the source requiring logging, a statement to that effect shall be filed instead.

[A.A.C. R18-2-317.02.I]

F. Logging Requirements

[Arizona Administrative Code, Appendix 3]

1. Each log entry required by a change under Condition XVI.B shall include at least the following information:

   a. A description of the change, including:

      (1) A description of any process change;

      (2) A description of any equipment change, including both old and new equipment descriptions, model numbers, and serial numbers, or any other unique equipment ID number; and

      (3) A description of any process material change.

   b. The date and time that the change occurred.

   c. The provisions of Condition XVI.B that authorizes the change to be made with logging.

   d. The date the entry was made and the first and last name of the person making the entry.

2. Logs shall be kept for five (5) years from the date created. Logging shall be performed in indelible ink in a bound log book with sequentially number pages, or in any other form, including electronic format, approved by the Director.

XVII. TESTING REQUIREMENTS

A. The Permittee shall conduct performance tests as specified in the permit and at such other times as may be required by the Director.

[A.A.C. R18-2-312.A]

B. Operational Conditions during Performance Testing

Performance tests shall be conducted under such conditions as the Director shall specify to the plant operator based on representative performance of the source. The Permittee shall make available to the Director such records as may be necessary to determine the conditions of the performance tests. Operations during periods of start-up, shutdown, and malfunction (as defined in A.A.C. R18-2-101) shall not constitute representative conditions of performance tests unless otherwise specified in the applicable standard.

[A.A.C. R18-2-312.C]

C. Performance Tests shall be conducted and data reduced in accordance with the test methods and procedures contained in the Arizona Testing Manual unless modified by the Director pursuant to A.A.C. R18-2-312.B.

[A.A.C. R18-2-312.B]

D. Test Plan

At least 14 working days prior to performing a test, the Permittee shall submit a test plan to the Director, which must include the following, in addition to all other applicable requirements, as identified in the Arizona Testing Manual:

[A.A.C. R18-2-312.B]

1. Test duration;
2. Test location(s);
3. Test method(s); and
4. Source operation and other parameters that may affect test results.

E. Stack Sampling Facilities

The Permittee shall provide, or cause to be provided, performance testing facilities as follows:

[A.A.C. R18-2-312.E]

1. Sampling ports adequate for test methods applicable to the facility;
2. Safe sampling platform(s);
3. Safe access to sampling platform(s); and
4. Utilities for sampling and testing equipment.

F. Interpretation of Final Results

Each performance test shall consist of three separate runs using the applicable test method. Each run shall be conducted for the time and under the conditions specified in the applicable standard. For the purpose of determining compliance with an applicable standard, the arithmetic mean of the results of the three runs shall apply. In the event that a sample is accidentally lost or conditions occur in which one of the three runs is required to be discontinued because of forced shutdown, failure of an irreplaceable portion of the sample train, extreme meteorological conditions, or other circumstances beyond the Permittee's control, compliance may, upon the Director's approval, be determined using the arithmetic mean of the results of the other two runs. If the Director or the Director's designee is present, tests may only be stopped with the Director's or such designee's approval. If the Director or the Director's designee is not present, tests may only be stopped for good cause. Good cause includes: forced shutdown, failure of an irreplaceable portion of the sample train, extreme meteorological conditions, or other circumstances beyond the Permittee's control. Termination of any test without good cause after the first run is commenced shall constitute a failure of the test. Supporting documentation, which demonstrates good cause, must be submitted.

[A.A.C. R18-2-306.A.3.c and A.A.C. R18-2-312.F]

G. Report of Final Test Results

A written report of the results of performance tests conducted pursuant to 40 CFR 63, shall be submitted to the Director within 60 days after the test is performed. A written report of the results of all other performance tests shall be submitted within 4 weeks after the test is performed, or as otherwise provided in the Arizona Testing Manual. All performance testing reports shall be submitted in accordance with the Arizona Testing Manual and A.A.C. R18-2-312.A.

[A.A.C. R18-2-312.A and B]

H. Extension of Performance Test Deadline

For performance testing required under Condition XVII.A above, the Permittee may request an extension to a performance test deadline due to a force majeure event as follows:

[A.A.C. R18-2-312.J]

1. If a force majeure event is about to occur, occurs, or has occurred for which the Permittee intends to assert a claim of force majeure, the Permittee shall notify the Director in writing as soon as practicable following the date the Permittee first knew, or through due diligence should have known that the event may cause or caused a delay in testing beyond the regulatory deadline. The notification must occur before the performance test deadline unless the initial force majeure or a subsequent force majeure event delays the notice, and in such cases, the notification shall be given as soon as practicable.

   [A.A.C. R18-2-312.J.1]

2. The Permittee shall provide to the Director a written description of the force majeure event and a rationale for attributing the delay in testing beyond the regulatory deadline to the force majeure; describe the measures taken or to be taken to minimize the delay; and identify a date by which the Permittee proposes to conduct the performance test. The performance test shall be conducted as soon as practicable after the force majeure event occurs.

[A.A.C. R18-2-312.J.2]

3. The decision as to whether or not to grant an extension to the performance test deadline is solely within the discretion of the Director. The Director shall notify the Permittee in writing of approval or disapproval of the request for an extension as soon as practicable.

[A.A.C. R18-2-312.J.3]

4. Until an extension of the performance test deadline has been approved by the Director under Conditions XVII.H.1, 2, and 3 above, the Permittee remains subject to the requirements of Section XVII.

[A.A.C. R18-2-312.J.4]

5. For purposes of this Section XVII, a "force majeure event" means an event that will be or has been caused by circumstances beyond the control of the Permittee, its contractors, or any entity controlled by the Permittee that prevents it from complying with the regulatory requirement to conduct performance tests within the specified timeframe despite the Permittee's best efforts to fulfill the obligation. Examples of such events are acts of nature, acts of war or terrorism, or equipment failure or safety hazard beyond the control of the Permittee.

[A.A.C. R18-2-312.J.5]

XVIII. PROPERTY RIGHTS

This permit does not convey any property rights of any sort, or any exclusive privilege.

[A.A.C. R18-2-306.A.8.d]

XIX. SEVERABILITY CLAUSE

The provisions of this permit are severable. In the event of a challenge to any portion of this permit, or if any portion of this permit is held invalid, the remaining permit conditions remain valid and in force.

[A.A.C. R18-2-306.A.7]

XX. PERMIT SHIELD

Compliance with the conditions of this permit shall be deemed compliance with all applicable requirements identified in the portions of this permit subtitled "Permit Shield". The permit shield shall not apply to minor revisions pursuant to Condition XV.C of this Attachment and any facility changes without a permit revision pursuant to Section XVI of this Attachment.

[A.A.C. R18-2-317.F, - 320, and -325]

XXI. PROTECTION OF STRATOSPHERIC OZONE

If this source becomes subject to the provisions of 40 CFR Part 82, then the Permittee shall comply with these provisions accordingly.

[40 CFR Part 82]

XXII. APPLICABILITY OF NSPS/NESHAP GENERAL PROVISIONS

For all equipment subject to a New Source Performance Standard or a National Emission Standard for Hazardous Air Pollutants, the Permittee shall comply with all applicable requirements contained in Subpart A of Title 40, Chapter 60 and Chapter 63 of the Code of Federal Regulation.

[40 CFR Part 60 Subpart A and Part 63 Subpart A]

ATTACHMENT "B": SPECIFIC CONDITIONS

I. FACILITY-WIDE REQUIREMENTS

A. Opacity

1. Instantaneous Surveys and Six-Minute Observations

a. Instantaneous Surveys

Any instantaneous survey required by this permit shall be determined by either option listed in Conditions I.A.1.a(1) and (2):

[A.A.C. R18-2-311.b]

(1) Alternative Method ALT-082 (Digital Camera Operating Technique)

(a) The Permittee, or Permittee representative, shall be certified in the use of Alternative Method ALT-082.

(b) The results of all instantaneous surveys and six-minute observations shall be obtained within 30 minutes.

(2) EPA Reference Method 9.

[A.A.C. R18-2-306.A.3.c]

b. Six-Minute Observations

Any six-minute observation required by this permit shall be determined by either option listed in Conditions I.A.1.b(1) and (2):

[A.A.C. R18-2-311.b]

(1) Alternative Method ALT-082 (Digital Camera Operating Technique)

(a) The Permittee, or Permittee representative, shall be certified in the use of Alternative Method ALT-082.

(b) The results of all instantaneous surveys and six-minute observations shall be obtained within 30 minutes.

(2) EPA Reference Method 9.

c. The Permittee shall have on site or on call a person certified in EPA Reference Method 9 unless all six-minute Method 9 observations required by this permit are conducted as a six-minute Alternative Method ALT-082 (Digital Camera Operating Technique) and all instantaneous visual surveys required by this permit are conducted as an instantaneous ALT-082 camera survey. Any six-minute Method 9 observation required by this permit can be conducted as a six-minute Alternative Method ALT-082

and any instantaneous visual survey required by this permit can be conducted as an instantaneous ALT-082 camera survey.
[A.A.C. R18-2-306.A.3.c]

2. Monitoring, Recordkeeping, and Reporting Requirements
[A.A.C. R18-2-306.A.3.c]

a. At the frequency specified in the following sections of this permit, the Permittee shall conduct an instantaneous survey of visible emissions from both process stack sources, when in operation, and fugitive dust sources.

b. If the visible emissions on an instantaneous basis appears less than or equal to the applicable opacity standard, then the Permittee shall keep a record of the name of the observer, the date on which the instantaneous survey was made, and the results of the instantaneous survey.

c. If the visible emissions on an instantaneous basis appears greater than the applicable opacity standard, then the Permittee shall immediately conduct a six-minute observation of the visible emissions.

(1) If the six-minute observation of the visible emissions is less than or equal to the applicable opacity standard, then the Permittee shall record the name of the observer, the date on which the six-minute observation was made, and the results of the six-minute observation.

(2) If the six-minute observation of the visible emissions is greater than the applicable opacity standard, then the Permittee shall do the following:

(a) Adjust or repair the controls or equipment to reduce opacity to less than or equal to the opacity standard;

(b) Record the name of the observer, the date on which the six-minute observation was made, the results of the six-minute observation, and all corrective action taken; and

(c) Report the event as an excess emission for opacity in accordance with Condition XII.A of Attachment "A".

(d) Conduct another six-minute observation to document the effectiveness of the adjustments or repairs completed.

B. Recordkeeping and Reporting Requirements

1. Deviations from the following Attachment "B" permit conditions shall be promptly reported in accordance with Condition XII.B.2 of Attachment "A":
[A.A.C. R18-2-306.A.5.b]

a. Condition II.C.1

b. Condition II.D.3.a

c. Condition II.D.4.a

2. The Permittee shall maintain, on-site, records of the manufacturer supplied operations and maintenance instructions or Operation and Maintenance Plan for minimizing emissions for all equipment identified in Attachment "C".

[A.A.C. R18-2-306.A.4]

3. The Permittee shall submit reports of all monitoring activities required in Attachment "B" along with the compliance certifications required by Section VII of Attachment "A."

[A.A.C. R18-2-306.A.5]

II. HOT MIX ASPHALT PLANT

A. Applicability

Section II applies to the following affected facilities: dryers; systems for screening handling, storing and weighing hot aggregate; systems for loading, transferring, and storing mineral filler; systems for mixing hot mix asphalt; and the loading, transfer, and storage systems associated with emission control systems.

B. Emission Limitations and Standards

1. *The Permittee shall not operate the hot mix asphalt plant for more than 3,416 hours in any rolling 12-month periods.*

[A.A.C. R18-2-306.01 and -331.A.3.a]
[Material permit conditions are indicated by underline and italics]

2. The Permittee shall not cause or allow to be discharged into the atmosphere from the hot mix asphalt plant any gases which contain particulate matter in excess of 0.04 grains per dry standard cubic foot (gr/dscf).

[40 CFR 60.92(a)(1)]

3. *The Permittee shall not cause or allow to be discharged into the atmosphere from the hot mix asphalt plant particulate matter emissions any gases which exhibit 20 percent opacity, or greater.*

[40 CFR 60.92(a)(2) and A.A.C. R18-2-331.A.3.e]
[Material permit conditions are indicated by underline and italics]

4. The Permittee shall not operate the drum dryer such that the temperature of the hot aggregate is greater than or equal to the smoke point of the material being processed.

[40 CFR 60.11(d)]

5. At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be

based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

[40 CFR 60.11(d)]

C. Air Pollution Control Requirements

1. *The Permittee shall* maintain and *operate the drum dryer baghouse in a manner consistent with good air pollution control practices for minimizing emissions.*

[40 CFR 60.11(d)]
[Material permit conditions are indicated by underline and italics]

2. *The Permittee shall* maintain and *operate the cement silo baghouse in a manner consistent with good air pollution control practice for minimizing emissions.*

[40 CFR 60.11(d)]
[Material permit conditions are indicated by underline and italics]

3. *The Permittee shall* maintain and *operate spray bars on for screening, handling, transporting in a manner consistent with good air pollution control practice for minimizing emissions.*

[40 CFR 60.11(d)]
[Material permit conditions are indicated by underline and italics]

4. *The Permittee shall* maintain and *operate a rubber sleeve, baghouse, or equivalent, on the product delivery system equipment in a manner consistent with good air pollution control practice for minimizing emissions during loading of trucks.*

[40 CFR 60.11(d)]
[Material permit conditions are indicated by underline and italics]

D. Monitoring, Recordkeeping, and Reporting Requirements

1. The Permittee shall conduct a monthly survey of visible emissions emanating from the affected facilities of the hot mix asphalt plant in accordance with Condition I.A above.

[A.A.C. R18-2-306.A.3.c]

2. Hot Mix Asphalt Plant Operating Hours

a. At the end of each operating day, the Permittee shall record the number of hours that the hot mix asphalt plant operated.

[A.A.C. R18-2-306.A.3.c]

b. At the end of each month, the Permittee shall calculate the total hours that the hot mix asphalt plant operated for that month.

[A.A.C. R18-2-306.A.3.c]

c. At the end of each month, the Permittee shall calculate the total rolling 12-month hours of operation by adding the hours of operation for that month to the previous 11 months to demonstrate compliance with the operating hours limitation in Condition II.B.1 above.

[A.A.C. R18-2-306.A.3.c]

3. Smoke Point

a. *The Permittee shall install, operate,* and maintain *a temperature monitoring device to continuously record the temperature of the hot aggregate mixture.*

[A.A.C. R18-2-306.A.3.c and -331.A.3.c]
[Material permit conditions are indicated by underline and italics]

b. The Permittee shall maintain on-site a certificate of the asphaltic smoke point for the material being processed.

[A.A.C. R18-2-306.A.3.c]

c. The Permittee shall maintain records of the temperature of the hot mix aggregate mixture and provide these records to the Director upon request.

[A.A.C. R18-2-306.A.3.c]

4. Baghouse Pressure Differential

a. *The Permittee shall install, operate, calibrate,* and maintain *a device for the continuous measurement of the pressure drop across the drum dryer baghouse. The monitoring device shall be certified by the manufacturer to be accurate within +/- 250 pascals (+/- 1-inch H2O) and shall be calibrated on an annual basis in accordance with manufacturer's instructions.*

[A.A.C. R18-2-306.A.3.c and -331.A.3.c]
[Material permit conditions are indicated by underline and italics]

b. At the time of the performance test, the Permittee shall monitor pressure drop across the baghouse and establish the operating range. The operating range shall be +/- 30% of the average of the pressure drop readings during the performance test.

[A.A.C. R18-2-306.A.3.c]

c. The Permittee shall measure and record the pressure drop across the baghouse once per day. If the pressure drop is outside the operating range established during the performance test, the Permittee shall take corrective action to bring the pressure drop within the operating range. The Permittee may use the manufacturer's recommended range until the performance test is conducted and the operating range is established.

[A.A.C. R18-2-306.A.3.c]

5. The drum dryer baghouse shall be maintained in accordance with the following requirements:

a. Prior to start-up, visual inspections shall be conducted on all venting ducts or lines, fittings (including the dust shroud), and the blower;

[A.A.C. R18-2-306.A.3.d]

b. Following shut-down, all pressurized systems shall be turned off;

[A.A.C. R18-2-306.A.3.d]

c. All pressure and temperature gauges, flow meters, and other related instruments shall be checked daily to ensure proper functioning; any detected problems shall be corrected as soon as possible.

[A.A.C. R18-2-306.A.3.d]

d. All ducts, hoods, framework, and housings shall be checked daily for signs of wear;

[A.A.C. R18-2-306.A.3.d]

e. The fan motor, bearings, shaking device, reverse-jet blow rings, valves, and dampers shall be lubricated regularly and checked for wear; and

[A.A.C. R18-2-306.A.3.d]

f. The Permittee shall maintain records which demonstrate compliance with the activities listed in Condition II.D.5.a through e above.

[A.A.C. R18-2-306.A.3.d]

6. Black Light Inspections

a. Every six (6) months, the Permittee shall conduct a black light inspection on drum dryer baghouse to detect any broken or leaking bags.

[A.A.C. R18-2-306.A.3.c]

b. The Permittee shall repair or replace any broken or leaking bags detected as soon as practicable.

[A.A.C. R18-2-306.A.3.c]

c. The Permittee shall record the name of the inspector, date, time, results of the inspection, and any repairs made, as necessary.

[A.A.C. R18-2-306.A.3.c]

d. The black light inspection is not required to be performed during periods that the facility is not in operation. The Permittee shall maintain records documenting periods that the facility is not in operation. The Permittee shall conduct the black light inspection within 15 days of operations being resumed.

[A.A.C. R18-2-306.A.3.c]

E. Performance Testing

1. The Permittee shall conduct a performance test for particulate matter emissions from the drum dryer baghouse in accordance with EPA Reference Method 5 to demonstrate compliance with Condition II.B.2 during the first year of the permit term.

[A.A.C. R18-2-312]

2. If the results of the performance test required by Condition II.E.1 exceed 75% of the emission standards in Condition II.B.2, the Permittee shall conduct a subsequent performance test between 10 and 14 months following the previous test.

[A.A.C. R18-2-312]

3. If the results of the performance test required by Condition II.E.1 are less than or equal to 75% of the emission standards in Condition II.B.2, no subsequent performance tests will be required during the permit term.

[A.A.C. R18-2-312]

4. The Permittee may delay the test if the facility is not operating, or is operating for a duration of less than 5 hours in a day, on a consistent basis, such that the Permittee cannot complete the 3 test runs required. The Permittee shall notify the Department at least 30 days prior to the due date of the performance test if the performance test is likely to be delayed, including reasons for the delay. The Permittee shall consultant with the Department to reschedule the test.

[A.A.C. R18-2-312]

5. The performance tests required by Conditions E.1 through 4 above shall be performed when the facility is operating at greater than 90% of the operating capacity of the drum dryer.

[A.A.C. R18-2-312]

F. Permit Shield

Compliance with the requirements of Section II shall be deemed compliance with 40 CFR 60.91(a)(1) and (2).

[A.A.C. R18-2-325]

III. ASPHALT HEATER

A. Applicability

Section III applies to the asphalt heater.

B. Particulate Matter and Opacity

1. Emission Limitations and Standards

a. The Permittee shall not cause, allow, or permit the emission of particulate matter, caused by combustion of fuel, from any fuel-burning operation in excess of the amounts calculated by the following equation:

$$E = 1.02Q^{0.769}$$

Where:

E = the maximum allowable particulate matter emissions rate in pounds-mass per hours.

Q = the heat input in million Btu per hour.

[A.A.C. R18-2-724.C.1]

b. The heat input shall be the aggregate heat content of all fuels whose products of combustion pass through a stack or other outlet. The total heat input for all fuel-burning units on a plant or premises shall be used for

determining the maximum allowable amount of particulate matter which may be emitted.

[A.A.C. R18-2-724.B]

c. The Permittee shall not cause, allow or permit to be discharged into the atmosphere any plume or effluent from the asphalt heater exceeding 15 percent opacity.

[A.A.C. R18-2-724.J]

2. Monitoring, Recordkeeping, and Reporting Requirements

a. The Permittee shall conduct monthly surveys of visible emissions emanating from the asphalt heater in accordance with Condition I.A.

[A.A.C. R18-2-306.A.3.c]

b. The Permittee shall maintain records of fuel supplier certifications. The certifications shall contain the name of the fuel supplier and heating value of the fuel. The records shall be made available to the Department upon request.

[A.A.C. R18-2-306.A.3.c]

c. The Permittee shall report all 6-minute periods during which the visible emissions from the asphalt heater exceed 15 percent opacity in accordance with Condition XII of Attachment "A."

[A.A.C. R18-2-724.J]

C. Sulfur Dioxide

1. Emission Limitations and Standards

a. The Permittee shall not emit or cause to emit more than 1.0 pounds of sulfur dioxide per million Btu.

[A.A.C. R18-2-724.E]

b. The Permittee shall not operate the asphalt heater using high sulfur oil.

[A.A.C. R18-2-724.G]

D. Permit Shield

Compliance with Section III shall be deemed compliance with the requirements of A.A.C. R18-2-724.B, -C.1, -E, -G, and -J.

[A.A.C. R18-2-325]

IV. CRUSHING AND SCREENING OPERATIONS

A. Applicability

Section IV applies to the following affected facilities associated with the crushing and screening equipment: each crusher, grinding mill, screening operation, bucket elevator, belt conveyors, bagging operation, storage bin, enclosed truck or railcar loading stations.

B. Emission Limitations and Standards

1. *The Permittee shall not allow to be discharged into the atmosphere from any crusher at which a capture is not used, any fugitive emissions which exhibit visible emissions greater than 15 percent opacity.*

[40 CFR 60.672(b), Table 3 to 40 CFR 60 Subpart OOO, and A.A.C. R18-2-331.A.3.f]
[Material permit conditions are indicated by underline and italics]

2. *The Permittee shall not allow to be discharged into the atmosphere from any grinding mill, screening operation, bucket elevator, transfer point on belt conveyors, bagging operation, storage bin, enclosed truck or railcar loading stations or any other affected facility any fugitive emissions which exhibit visible emissions greater than 10 percent opacity.*

[40 CFR 60.672(b), Table 3 to 40 CFR 60 Subpart OOO, and A.A.C. R18-2-331.A.3.f]
[Material permit conditions are indicated by underline and italics]

3. At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

[40 CFR 60.11(d)]

C. Monitoring, Recordkeeping, and Reporting Requirements

1. The Permittee shall conduct a monthly survey of visible emissions from all affected facilities associated with the crushing and screening plant in accordance with Condition I.A above.

[A.A.C. R18-2-306.A.3.c]

2. The Permittee of any wet processing operation that processes saturated material and subsequently processes unsaturated materials, shall submit a report of this change within 30 days following such change. At the time of such change, the screening operation, bucket elevator, or belt conveyor becomes subject to the applicable opacity limits and emission test requirements of 40 CFR 60.11.

[40 CFR 60.676(g)]

D. Permit Shield

Compliance with Section IV shall be deemed compliance with the requirements of 40 CFR 60.672(b), -676(g), and Table 3 to 40 CFR 60 Subpart OOO.

[A.A.C. R18-2-325]

V. CONCRETE BATCH PLANT

A. Applicability

This Section applies to the concrete batching and material handling equipment associated with the concrete batch plant.

B. Emission Limitations and Standards

1. The Permittee shall not cause, allow, or permit visible emissions from any point source associated with the concrete batch plant in excess of 20 percent opacity.
[A.A.C. R18-2-702.B]

2. The Permittee shall control fugitive dust emissions emitted from the concrete batch plant in accordance with Section VI below.
[A.A.C. R18-2-723]

C. Monitoring, Recordkeeping, and Reporting Requirements

The Permittee shall conduct a monthly survey of visible emissions from all point sources associated with the concrete batch plant in accordance with Condition I.A above.
[A.A.C. R18-2-306.A.3.c]

D. Permit Shield

Compliance with Section V shall be deemed compliance with the requirements of A.A.C. R18-2-702.B and -723.
[A.A.C. R18-2-325]

VI. FUGITIVE DUST REQUIREMENTS

A. Applicability

Section VI applies to any non-point source of fugitive dust in the facility.

B. Particulate Matter and Opacity

Open Areas, Roadways & Streets, Storage Piles, and Material Handling

1. Emission Limitations/Standards

a. Opacity of emissions from any fugitive dust non-point source shall not be greater than 40%.
[A.A.C. R18-2-614]

b. The Permittee shall employ the following reasonable precautions to prevent excessive amounts of particulate matter from becoming airborne:

(1) Keep dust and other types of air contaminants to a minimum in an open area where construction operations, repair operations, demolition activities, clearing operations, leveling operations, or any earth moving or excavating activities are taking place, by good modern practices such as using an approved dust suppressant or adhesive soil stabilizer, paving, covering, landscaping,

continuous wetting, detouring, barring access, or other acceptable means;

[A.A.C. R18-2-604.A]

(2) Keep dust to a minimum from driveways, parking areas, and vacant lots where motor vehicular activity occurs by using an approved dust suppressant, or adhesive soil stabilizer, or by paving, or by barring access to the property, or by other acceptable means;

[A.A.C. R18-2-604.B]

(3) Keep dust and other particulates to a minimum by employing dust suppressants, temporary paving, detouring, wetting down or by other reasonable means when a roadway or alley is used, repaired, constructed, or reconstructed;

[A.A.C. R18-2-605.A]

(4) Take reasonable precautions, such as wetting, applying dust suppressants, or covering the load when transporting material likely to give rise to airborne dust. Earth or other material that is deposited by trucking or earth moving equipment shall be removed from paved streets by the person responsible for such deposits;

[A.A.C. R18-2-605.B]

(5) Take reasonable precautions, such as the use of spray bars, wetting agents, dust suppressants, covering the load, and hoods when crushing, screening, handling, transporting or conveying of materials or other operations likely to result in significant amounts of airborne dust;

[A.A.C. R18-2-606]

(6) Take reasonable precautions such as chemical stabilization, wetting, or covering when organic or inorganic dust producing material is being stacked, piled, or otherwise stored;

[A.A.C. R18-2-607.A]

(7) Operate stacking and reclaiming machinery utilized at storage piles at all times with a minimum fall of material, or with the use of spray bars and wetting agents;

[A.A.C. R18-2-607.B]

(8) Any other method as proposed by the Permittee and approved by the Director.

[A.A.C. R18-2-306.A.3.c]

2. Monitoring and Recordkeeping Requirements

a. The Permittee shall maintain records of the dates on which any of the activities listed in Condition VI.B.1.b above were performed and the control measures that were adopted.

[A.A.C. R18-2-306.A.3.c]

b. Opacity Monitoring Requirements

Each month, the Permittee shall monitor visible emissions from fugitive sources in accordance with Condition I.A.

[A.A.C. R18-2-306.A.3.c]

C. Permit Shield

Compliance with Section VI shall be deemed compliance with A.A.C. R18-2-604, -605, -606, 607, and -614.

[A.A.C. R18-2-325]

VII. OTHER PERIODIC ACTIVITIES

A. Abrasive Blasting

1. Particulate Matter and Opacity

a. Emission Limitations/Standards

The Permittee shall not cause or allow sandblasting or other abrasive blasting without minimizing dust emissions to the atmosphere through the use of good modern practices. Good modern practices include:

[A.A.C. R18-2-726]

(1) Wet blasting;

(2) Effective enclosures with necessary dust collecting equipment; or

(3) Any other method approved by the Director.

b. Opacity

The Permittee shall not cause, allow or permit visible emissions from sandblasting or other abrasive blasting operations in excess of 20% opacity.

[A.A.C. R18-2-702.B.3]

2. Monitoring and Recordkeeping Requirement

Each time an abrasive blasting project is conducted, the Permittee shall make a record of the following:

[A.A.C. R18-2-306.A.3.c]

a. The date the project was conducted;

b. The duration of the project; and

c. Type of control measures employed.

3. Permit Shield

Compliance with Condition VII.A.1.a shall be deemed compliance with A.A.C. R18-2-702.B.3 and -726.

[A.A.C. R18-2-325]

B. Use of Paints

1. Volatile Organic Compounds

a. Emission Limitations/Standards

While performing spray painting operations, the Permittee shall comply with the following requirements:

(1) The Permittee shall not conduct or cause to be conducted any spray-painting operation without minimizing organic solvent emissions. Such operations, other than architectural coating and spot painting, shall be conducted in an enclosed area equipped with controls containing no less than 96 percent of the overspray.

[A.A.C. R18-2-727.A]

(2) The Permittee or their designated contractor shall not either:

(a) Employ, apply, evaporate, or dry any architectural coating containing photochemically reactive solvents for industrial or commercial purposes; or

(b) Thin or dilute any architectural coating with a photochemically reactive solvent.

[A.A.C. R18-2-727.B]

(3) For the purposes of Condition VII.B.1.a(1), a photochemically reactive solvent shall be any solvent with an aggregate of more than 20 percent of its total volume composed of the chemical compounds classified in Condition VII.B.1.a(2), or which exceeds any of the following percentage composition limitations, referred to the total volume of solvent:

[A.A.C. R18-2-727.C]

(a) A combination of the following types of compounds having an olefinic or cyclo-olefinic type of unsaturation-hydrocarbons, alcohols, aldehydes, esters, ethers, or ketones: 5 percent.

(b) A combination of aromatic compounds with eight or more carbon atoms to the molecule except ethylbenzene: 8 percent.

(c) A combination of ethylbenzene, ketones having branched hydrocarbon structures, trichloroethylene or toluene: 20 percent.

(4) Whenever any organic solvent or any constituent of an organic solvent may be classified from its chemical structure into more than one of the groups of organic compounds described in Condition VII.B.1.a(3), it shall be considered to be a member of the group having the least allowable percent of the total volume of solvents.

[A.A.C. R18-2-727.D]

b. Monitoring and Recordkeeping Requirements

(1) Each time a spray-painting project is conducted, the Permittee shall make a record of the following:

(a) The date the project was conducted;

(b) The duration of the project;

(c) Type of control measures employed;

(d) Safety Data Sheets (SDS) for all paints and solvents used in the project; and

(e) The amount of paint consumed during the project.

(2) Architectural coating and spot painting projects shall be exempt from the recordkeeping requirements of Condition VII.B.1.b(1).

[A.A.C. R18-2-306.A.3.c]

c. Permit Shield

Compliance with Condition VII.B.1.a shall be deemed compliance with A.A.C.R18-2-727.

[A.A.C. R18-2-325]

2. Opacity

a. Emission Limitation/Standard

The Permittee shall not cause, allow or permit visible emissions from painting operations in excess of 20% opacity.

[A.A.C. R18-2-702.B.3]

b. Permit Shield

Compliance with Condition VII.B.2.a shall be deemed compliance with A.A.C.R18-2-702.B.3.

[A.A.C. R18-2-325]

C. Demolition/Renovation - Hazardous Air Pollutants

1. Emission Limitation/Standard

The Permittee shall comply with all of the requirements of 40 CFR 61 Subpart M (National Emissions Standards for Hazardous Air Pollutants - Asbestos).

[A.A.C. R18-2-1101.A.12]

2. Monitoring and Recordkeeping Requirement

The Permittee shall keep all required records in a file. The required records shall include the "NESHAP Notification for Renovation and Demolition Activities" form and all supporting documents.

[A.A.C. R18-2-306.A.3.c]

3. Permit Shield

Compliance with the Condition VII.C.1 shall be deemed compliance with A.A.C. R18-2-1101.A.12.

[A.A.C. R18-2-325]

ATTACHMENT "C": EQUIPMENT LIST

EQUIPMENT TYPE	MAX. CAPACITY	MAKE	MODEL	SERIAL NUMBER	INSTALLATION/ MFG. DATE	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
Hot Mix Asphalt Plant							
Feeder, 5 Bin	400 TPH	CMI	PAB-532	4997	1996	700	NSPS Subpart I
Feeder, RAP	400 TPH	CMI	PRB-120C	4997	1996	701	NSPS Subpart I
Conveyor	400 TPH	CMI	30"x 47'	4997	1996	702	NSPS Subpart I
Screen	400 TPH	CMI	2 Deck-4'x12'	4997	1996	703	NSPS Subpart I
Drum Mixer with Burner	400 TPH	CMI	PTD400	4997	1996	704	NSPS Subpart I
Baghouse	64,000 ACFM	Roto-Aire	RA-318P	4997	1996	705	NSPS Subpart I
Asphalt Silo System	400 TPH	CMI	Three-210 Ton Silo with Conveyors and Scale	4997	1996	706	NSPS Subpart I
A/C Tank	20 TPH	CMI	30,000 Gal with 1.75 gal/hr burner (nom)	4997	1996	709	NSPS Subpart I
A/C Oil Heater	20.4 GPH	CEI	CEI-2400-C	C18-019	2008	709R	A.A.C. R18-2-724
A/C Tank	20 TPH	CMI	20,000 Gal	4997	1996	710	NSPS Subpart I
Lime Silo w/ Pug Mill	5 TPH	CMI	75 BBL	4997	1996	711	NSPS Subpart I

EQUIPMENT TYPE	MAX. CAPACITY	MAKE	MODEL	SERIAL NUMBER	INSTALLATION/ MFG. DATE	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
Crushing and Screening Plant							
VGF Feeder	600TPH	Cedar Rapids	35" W x 20' L	40076	2000	Cl	NSPS Subpart OOO
Jaw Crusher	325 TPH	Pioneer	30" x 42" Jaw	UH3934	2001	C2	NSPS Subpart OOO
Conveyor	325 TPH	Huntington	36" x 800'	HNE 1215	2001	C3	NSPS Subpart OOO
Conveyor	325 TPH	Huntington	36" x 60'	3030-08803-1	2001	C4	NSPS Subpart OOO
Conveyor	325 TPH	Huntington	36" x 470'	HNE 1216	2001	C5	NSPS Subpart OOO
Dust Collector	5 TPH	Huntington	Cyclone Dust Collector	HNE 1217	2001	C6	NSPS Subpart OOO
Stacker	320 TPH	Huntington	36" x 120'	HNE 1211	2001	C7	NSPS Subpart OOO
Conveyor	320TPH	Huntington	36" x 100'	HNE 1218	2001	C8	NSPS Subpart OOO
Conveyor	320 TPH	Huntington	36" x 70'	HNE 1219	2001	C9	NSPS Subpart OOO
Screen	385 TPH	JCI	8" x 20' Triple Deck	7203-38LP	2000	Cl0	NSPS Subpart OOO
Conveyor	375 TPH	Huntington	36" x 60'	HNE 1214	2001	C11	NSPS Subpart OOO
Cone Crusher	375 TPH	JCI	54" JCI Kodiak Crusher	02C02EK400	2000	C12	NSPS Subpart OOO
Conveyor	375 TPH	Huntington	36" x 60'	HNE 1201	2001	C13	NSPS Subpart OOO
Conveyor	10 TPH	Huntington	36" x 60' Banana Belt	HNE 1202	2001	C14	NSPS Subpart OOO
Conveyor	320 TPH	Huntington	36" x 70'	HNE 1210	2001	C15	NSPS Subpart OOO

EQUIPMENT TYPE	MAX. CAPACITY	MAKE	MODEL	SERIAL NUMBER	INSTALLATION/ MFG. DATE	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
Stacker	3 TPH	Huntington	36" x 80'	HNE 1208	2001	C16	NSPS Subpart OOO
Splitter Box	320 TPH	BLT	Hand Operated Diversion Box	BLTlO0	2005	C17	NSPS Subpart OOO
Conveyor	100 TPH	Huntington	36" x 100'	HNE 1204	2001	C18	NSPS Subpart OOO
Conveyor	TBD	Huntington	36" x 60'	HNE 1220	2001	C19	NSPS Subpart OOO
Blend Feeder	TBD	Huntington	36" Blend Feeder	HNE 1221	2001	C20	NSPS Subpart OOO
Stacker	100 TPH	Huntington	36" x 120'	HNE 1212	2001	C21	NSPS Subpart OOO
Feeder VSI	100 TPH	Huntington	36" VSI Feeder	HNE 1223	2001	C22	NSPS Subpart OOO
Conveyor	100 TPH	Huntington	36" x 360' Overhead	HNE 1224	2001	C23	NSPS Subpart OOO
Conveyor	TBD	Huntington	36" x 60' Return	HNE 1225	2001	C24	NSPS Subpart OOO
Conveyor	TBD	Huntington	36" x 10' Transfer	HNE 1226	2001	C25	NSPS Subpart OOO
Conveyor	TBD	Huntington	36" x 15' Transfer	HNE 1227	2001	C26	NSPS Subpart OOO
Stacker	4 TPH	Huntington	36" x 60'	HNE 1228	2001	C27	NSPS Subpart OOO
Stacker	46 TPH	Huntington	36" x 120'	HNE 1229	2001	C28	NSPS Subpart OOO
Conveyor	48 TPH	Huntington	36" x 60'	HNE 1230	2001	C29	NSPS Subpart OOO
Stacker	48 TPH	Huntington	36" x 60'	HNE 1231	2001	C30	NSPS Subpart OOO

EQUIPMENT TYPE	MAX. CAPACITY	MAKE	MODEL	SERIAL NUMBER	INSTALLATION/ MFG. DATE	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
Conveyor	200 TPH	Huntington	36" x 275' Overhead	HNE 1232	2001	C31	NSPS Subpart OOO
Feeder Belt PLT	200 TPH	Cedar Rapids	36" Wet Plant Feeder	40776	2001	C32	NSPS Subpart OOO
Conveyor	200 TPH	Huntington	36" x 150' Wet Plant Feeder	HNE 1233	2001	C33	NSPS Subpart OOO
Conveyor	TBD	Huntington	24" x 40'	HNE 1234	2001	C34	NSPS Subpart OOO
Conveyor	4 TPH	Huntington	36" x 60'	HNE 1235	2001	C35	NSPS Subpart OOO
VSI	275 TPH	ISC	ISC77	77-156	2001	C36	NSPS Subpart OOO
Screen	275 TPH	ISC	6' x 16' Triple Deck Screen	77-157	2001	C37	NSPS Subpart OOO
Mobile Crushing and Screening Plant							
VGS Feed	250 TPH	KPI	50"Wx15'L	406969	2006	406969	NSPS Subpart OOO
Impact Crusher	250 TPH	JCI	4250	406969	2006	406969	NSPS Subpart OOO
Screen	250 TPH	Kolberg	4250	406969	2006	406969	NSPS Subpart OOO
Return Conveyor	375 TPH	KPI	18" Wide Belt	406969	2006	406969	NSPS Subpart OOO
Crusher Conveyor	375 TPH	KPI	24" x 11'	406969	2006	406969	NSPS Subpart OOO
Under Screen Conveyor/ Stacker	10 TPH	KPI	48" x 40'	406969	2006	406969	NSPS Subpart OOO
Diesel Hydraulic Drive	400HP	Cummins	QSMl 1-C	31000886	2006	406969	Non-Road Engine
Wash Plant							

EQUIPMENT TYPE	MAX. CAPACITY	MAKE	MODEL	SERIAL NUMBER	INSTALLATION/ MFG. DATE	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
Screen	300 TPH	JCI	6 x 20 Triple Deck Wash Screen	JCI 1001	NA	W1	N/A
Log Washer	300 TPH	Greystone	35' Double Log Washer	LW46T10031377 56S	2002	W2	N/A
Blade Mill	300 TPH	Eagle	36" x 18' Double Auger	16613	2001	W3	N/A
Screen	300 TPH	JCI	6 x 20 Triple Deck Wash Screen	JCI1002	2001	W4	N/A
Conveyor	250 TPH	Reuter	30" x 100'	REU101	2001	W5	N/A
3/8" Washer	250 TPH	Kolberg	18' x 15' Single	403240	TBD	W6	N/A
Conveyor	250 TPH	Reuter	30" x 100'	REU102	2001	W7	N/A
1" Washer	250 TPH	Eagle	36" x .18' Single	16612	2001	W8	N/A
Double Screw	250 TPH	Eagle	44" x 32' Double Screw	16137	2001	W9	N/A
Conveyor	250 TPH	Reuter	30" x 20'	REU103	2001	W10	N/A
Conveyor	250 TPH	Reuter	30" x 20'	REU104	2001	W11	N/A
Conveyor	250 TPH	Reuter	30" x 20'	REU105	2001	W12	N/A
Durability Cell	100 TPH	AZFAB	24" Single Rubber	DACC008-08003	2002	W13	N/A
Single Screw	200 TPH	Eagle	44" x 32' Single Screw	16590	2001	W14	N/A
Dewatering Screen	100 TPH	AZFAB	15' x 5' Screen	AZ101	2001	W15	N/A
Conveyor	250 TPH	Reuter	30"x 60'	REU106	2001	Wl6	N/A
Stacker	250 TPH	Superior	30" x 80'	SUP101	2001	Wl7	N/A
1" Final Rinse	100 TPH	Kolberg	5' x 10' Single Screen	404356	2005	W18	N/A

EQUIPMENT TYPE	MAX. CAPACITY	MAKE	MODEL	SERIAL NUMBER	INSTALLATION/ MFG. DATE	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
Conveyor	250 TPH	Reuter	30" x 20'	REU107	2001	W19	N/A
Conveyor	250 TPH	Reuter	30" x 100'	REU108	2001	W20	N/A
Stacker	125 TPH	AZFAB	24" x 60'	AZ102	2001	W21	N/A
Cyclones	75 TPH	AZFAB	Dual Cyclones	AZ103	2001	W22	N/A
Dewatering Screen	75 TPH	AZFAB	5' x 5'	AZ104	2001	W23	N/A
Conveyor	125 TPH	Reuter	24" x 70'	REU109	2001	W24	N/A
Conveyor	125 TPH	Reuter	24" x 40'	REU110	2001	W25	N/A
Thickener Tanks	125 TPH	AZFAB	Water Recovery Thickener Tank	THK0060503	2002	W26	N/A
Stick Screen	125 TPH	AZFAB	4' x 4' Stick Screen	DW50070503	2002	W27	N/A
Belt Press	25 TPH	ASI	Belt Press 2 ½ Meter	AS1201	2005	W28	N/A
Belt Press	25 TPH	ASI	Belt Press 2 ½ Meter	AS1202	2005	W29	N/A
Belt Press	25 TPH	ASI	Belt Press 2 ½ Meter	AS1203	2005	W30	N/A
Concrete Batch Plant							
Aggregate Feed Bins	48 cu. yds; 20 cu. yds./hr	Con-E-Co	4 Compartment	TBD	2006	C44	A.A.C. R18-2-723
Conveyor	20 cu. yds./hr	Con-E-Co	30" Belt	TBD	2006	C45	A.A.C. R18-2-723
Conveyor	20 cu. yds./hr	Con-E-Co	30" Belt	TBD	2006	C46	A.A.C. R18-2-723
Conveyor	20 cu. yds./hr	Con-E-Co	30" Belt	TBD	2006	C47	A.A.C. R18-2-723

EQUIPMENT TYPE	MAX. CAPACITY	MAKE	MODEL	SERIAL NUMBER	INSTALLATION/ MFG. DATE	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
Conveyor	20 cu. yds./hr	Con-E-Co	30" Belt	TBD	2006	C48	A.A.C. R18-2-723
Elevated Aggregate Storage Bin	99 cu. yds; 20 cu. yds./hr	Con-E-Co	4 Compartment	TBD	2006	C49	A.A.C. R18-2-723
Aggregate Batcher	12 cu. yds; 20 cu. yds./hr	Con-E-Co	12 cu. yds;	TBD	2006	C50	A.A.C. R18-2-723
Cement Silo	2044 BBL20 cu. vds./hr	Con-E-Co	2 Compartment 60/40 Split	TBD	2006	C51	A.A.C. R18-2-723
Fly Ash Silo	2044 BBL20 cu. yds./hr	Con-E-Co	2 Compartment 60/40 Split	TBD	2006	C54	A.A.C. R18-2-723
Silo Dust Control System	250 ACFM	Con-E-Co	MBV-4 Fabric Filter	TBD	2006	C56	A.A.C. R18-2-723
Mixer Charging Conveyor	250 cu. yds./hr	Con-E-Co	36" Belt	TBD	2006	C57	A.A.C. R18-2-723
Mixer Dust Control System	8,000 ACFM	Con-E-Co	ELPC 8000 Fabric Filter	TBD	2006	C58	A.A.C. R18-2-723