CLASS II AIR QUALITY PERMIT

DRAFT PERMIT No. 103099

PERMITTEE:	**Rose Acre Farms, Inc.**
FACILITY:	**Desert Valley Egg Farm**
PLACE ID:	**189165**
DATE ISSUED:	**Date Pending**
EXPIRY DATE:	**Date Pending**

SUMMARY

This Class II air quality permit is issued to Rose Acre Farms, Inc. , the Permittee, for the continued operation of the Desert Valley Egg Farm . The facility is located at 52749 68th Street, Salome, Arizona 85348. This permit renews and supersedes Permit No. 76941.

The facility's potential to emit (PTE) for all criteria air pollutants, without controls or operating limitations, is less than major source thresholds, but greater than significant level thresholds for coarse particulate matter with diameters 10 micrometers or less (PM_{10}) and nitrogen oxides (NO_X). Therefore, a Class II permit is required per Arizona Administrative Code (A.A.C.) R18-2-302.B.2.a.

This permit is issued in accordance with Arizona Revised Statutes (A.R.S.) § 49-426. It contains requirements from Title 18, Chapter 2 of the A.A.C. and Title 40 of the Code of Federal Regulations (CFR). 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 CFR, except as otherwise defined in this permit.

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Table of Contents

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.
[A.R.S. § 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 EPA 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 EPA 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

[A.A.C. R18-2-315.A.1]

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

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

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 A.R.S. § 49-426(E) and A.A.C. R18-2-326.

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

VI. EMISSIONS INVENTORY QUESTIONNAIRE

A. 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]

B. 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]

C. 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]

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 September 15th, and shall report the compliance status of the source during the period between August 1st of the previous year and July 31st of the current 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 EPA 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 AND PERMIT DEVIATIONS 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.

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

(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.

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

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 (2) 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]

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 EPA 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, 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]

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.H below:

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

1. Implementing an alternative operating scenario, including raw materials changes;
[A.A.C. R18-2-317.02.B.1]

2. Changing process equipment, operating procedures, or making any other physical change if the permit requires the change to be logged;
[A.A.C. R18-2-317.02.B.2]

3. Engaging in any new insignificant activity listed in A.A.C. R18-2-101.68 but not listed in the permit;
[A.A.C. R18-2-317.02.B.3]

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
[A.A.C. R18-2-317.02.B.4]

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.
A.A.C. R18-2-317.02.B.5]

C. The following changes may be made if the source provides written notice to the Department in advance of the change as provided below:
[A.A.C. R18-2-317.02.C]

1. Replacing an item of air pollution control equipment listed in the permit with one that is not identical but that is substantially similar and has the same or better pollutant removal efficiency: seven days. The Director may require verification of efficiency of the new equipment by performance tests;
[A.A.C. R18-2-317.02.C.1]

2. A physical change or change in the method of operation that increases actual emissions more than 10% of the major source threshold for any conventional pollutant but does not require a permit revision: seven days;
[A.A.C. R18-2-317.02.C.2]

3. Replacing an item of air pollution control equipment listed in the permit with one that is not substantially similar but that has the same or better efficiency: 30 days. The Director may require verification of efficiency of the new equipment by performance tests;
[A.A.C. R18-2-317.02.C.3]

4. A change that would trigger an applicable requirement that already exists in the permit: 30 days unless otherwise required by the applicable requirement;
[A.A.C. R18-2-317.02.C.4]

5. A change that amounts to reconstruction of the source or an affected facility: seven days. For purposes of this subsection, reconstruction of a source or an affected

facility shall be presumed if the fixed capital cost of the new components exceeds 50% of the fixed capital cost of a comparable entirely new source or affected facility and the changes to the components have occurred over the 12 consecutive months beginning with commencement of construction; and

[A.A.C. R18-2-317.02.C.5]

6. A change that will result in the emissions of a new regulated air pollutant above an applicable regulatory threshold but that does not trigger a new applicable requirement for that source category: 30 days. For purposes of this requirement, an applicable regulatory threshold for a conventional air pollutant shall be 10% of the applicable major source threshold for that pollutant.

D. For each change under Condition XVI.C, the written notice shall be by certified mail or hand delivery and shall be received by the Director the minimum amount of time in advance of the change. Notifications of changes associated with emergency conditions, such as malfunctions necessitating the replacement of equipment, may be provided with less than required notice, but must be provided as far in advance of the change, or if advance notification is not practicable, as soon after the change as possible. The written notice shall include:

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

1. When the proposed change will occur,

[A.A.C. R18-2-317.02.D.1]

2. A description of the change,

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

3. Any change in emissions of regulated air pollutants, and

[A.A.C. R18-2-317.02.D.3]

4. Any permit term or condition that is no longer applicable as a result of the change.

[A.A.C. R18-2-317.02.D.4]

E. 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]

F. 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]

G. 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]

H. 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. R18-2-312.F]

G. Report of Final Test Results

A written report of the results of performance tests conducted pursuant to 40 CFR 60 and 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 2 hours.

(2) EPA Reference Method 9 Certified Observer.

[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 2 hours.

(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]

Conditions V.B.2.a and b.

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.3.c]

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

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

C. Nothing in this permit shall alter or affect the following:

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

1. The provisions of Section 303 of the Act (emergency orders), including the authority of the EPA Administrator under that Section;

2. The liability of the Permittee for any violation of applicable requirements prior to or at the time of permit issuance;

3. The ability of the EPA Administrator or the Director to obtain information from the Permittee pursuant to Section 114 of the Act, or any provision of state law;

4. The authority of the Director to require compliance with new applicable requirements adopted after the permit is issued.

II. PROPANE BOILER AND HEATER REQUIREMENTS

A. Applicability

This Section applies to the equipment identified in Attachment "C" as subject to A.A.C. R18-2-724 for Fossil-fuel Fired Industrial and Commercial Equipment.

B. Particulate Matter and Opacity

1. Emission Limitations and Standards

a. The Permittee shall not cause, allow, or permit emissions of particulate matter to be discharged into the atmosphere in any one hour in excess of the amounts calculated by the following equation:

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

where:

E = the maximum allowable particulate emissions rate in pounds mass per hour.

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 of 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 emitted into the atmosphere from any boiler or heater, smoke which exceeds 15 percent opacity.

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

2. Monitoring, Recordkeeping, and Reporting Requirements

Each calendar month, the Permittee shall conduct a survey of visible emissions emanating from the propane boiler as well as heaters and if required, conduct a six-minute observation in accordance with the requirements in Condition I.A.1.b. Any exceedance shall be reported as excess emissions in accordance with Section XII of Attachment "A".

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

3. Permit Shield

Compliance with the Conditions of this Section shall be deemed compliance with A.A.C. R18-2-724.B, C.1, and J.

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

III. EMERGENCY INTERNAL COMBUSTION ENGINES (ICE) REQUIREMENTS

A. Applicability

This Section applies to the equipment identified in Attachment "C" as subject to 40 CFR 60 Subpart IIII for Stationary Compression Ignition Internal Combustion Engines.

B. New Source Performance Standards (NSPS) Requirements

1. An emergency ICE shall be limited to emergency situations and required testing and maintenance only such as to produce power for critical networks or equipment (including power supplied to portions of a facility) when electric power from the local utility (or the normal power source, if the facility runs on its own power production) is interrupted, or used to pump water in the case of fire or flood, etc. Stationary ICE used to supply power to an electric grid or that supply power as part of a financial arrangement with another entity shall not be considered to be emergency engines.

[40 CFR 60.4219]

2. Operating Requirements

a. The Permittee shall operate and maintain the ICE and the control device according to the manufacturer's emission-related written instructions over

the entire life of the engine. A copy of the instructions or procedures shall be kept onsite and made available to ADEQ upon request.

[40 CFR 60.4211(a)(1), 60.4206 and A.A.C. R18-2-306.A.3.c]

b. The Permittee shall only change those engine settings that are allowed by the manufacturer.

[40 CFR 60.4211(a)(2)]

c. The Permittee shall meet the applicable requirements of 40 CFR Part 1068, as they apply.

[40 CFR 60.4211(a)(3)]

d. *The Permittee shall install a non-resettable hour meter prior to startup of the engine.*

[A.A.C. R18-2-331.A.3.c]
[Material Permit Conditions are indicated by underlines and italics]

e. In emergency situations, there is no time limit on the use of the emergency ICE.

[40 CFR 60.4211(f)(1)]

f. The Permittee may operate the stationary ICE for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State, or local government, the manufacturer, the vendor, or the insurance company associated with the engine.

[40 CFR 60.4211(f)(2)(i)]

g. Maintenance checks and readiness testing of such units is limited to 100 hours per calendar year. The Permittee may petition the EPA Administrator and the Director for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the Permittee maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.

[40 CFR 60.4211(f)(2)(i)]

h. The Permittee may operate the emergency stationary ICE up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing. The 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to supply power to an electric grid or otherwise supply non-emergency power as part of a financial arrangement with another entity.

[40 CFR 60.4211(f)(3)]

i. Any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as allowed in Condition III.B.2.h, is prohibited.

[40 CFR 60.4211(f)(3)]

3. Fuel Requirements

The Permittee operating a stationary CI ICE shall use purchased diesel fuel that meets the requirements of non-road diesel fuel listed in 40 CFR 1090.305 and listed below:

a. Sulfur content: 15 ppm maximum; and

b. A minimum cetane index of 40 or a maximum aromatic content of 35 volume percent.

[40 CFR 60.4207(b)]

4. Emission Limitations and Standards

a. Emergency Internal Combustion Engines

The Permittee shall comply with the emission standards of 40 CFR 60.4205(b).

[40 CFR 60.4205(b) and 60.4202]

b. Emergency Fire Pump Engine

The Permittee shall comply with the emission standards in Table 4 of 40 CFR 60.

[Table 4 of40 CFR 60]

5. Compliance Requirements

a. The Permittee shall comply with the emission limits in Condition III.B.4.a by purchasing an engine certified to the emission standards in 40 CFR 60.4205(b), as applicable, for the same model year and maximum engine power. The engine must be installed and configured according to the manufacturer's specifications.

[40 CFR 60.4211(c) and 60.4205(b)]

b. The Permittee shall comply with the emission limits in Condition III.B.4.b by purchasing an engine certified to the emission standards in Table 4 of 40 CFR 60, as applicable, for the same model year and maximum engine power. The engine must be installed and configured according to the manufacturer's specifications.

[40 CFR 60.4211(c) and 60.4205(b)]

c. The Permittee operating a modified or reconstructed emergency stationary ICE shall demonstrate compliance with the applicable standards using one of the following methods:

(1) Purchasing an engine certified to the emission standards in 40 CFR 60.4205(f).

(2) Conducting a performance test to demonstrate initial compliance with the emission standards according to the requirements specified in 40 CFR 60.4212. The test shall be conducted within

60 days after the engine commences operation after the modification or reconstruction. The in-use performance tests shall meet the not-to-exceed (NTE) standards as indicated in 40 CFR 60.4212.

[40 CFR 60.4211(e) and 60.4205(f)]

d. If the Permittee does not install, configure, operate, and maintain the ICE and control device according to the manufacturer's emission-related written instructions, or change the emission-related setting in a way that is not permitted by the manufacturer, then the Permittee shall demonstrate compliance as follows:

Keep a maintenance plan and records of conducted maintenance and shall, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, the Permittee shall conduct an initial performance test to demonstrate compliance with the applicable emission standards within 1 year of startup, or within 1 year after changing any non-permitted emission-related setting on the engine. Subsequent performance tests shall be conducted every 8,760 hours of engine operation or 3 years, whichever comes first.

[40 CFR 60.4211(g)]

6. Monitoring, Recordkeeping, and Reporting Requirements

a. Logs

(1) At the end of each day in which an engine is operated, the Permittee shall record the date, time, duration that the engine was operated, and the reason the engine was operated.

[A.A.C. R18-2-306.A.3.c and A.4 and 40 CFR 60.4214(b)]

(2) At the end of every calendar month, the Permittee shall calculate and record three monthly totals of operational hours for each engine: one total for time operated conducting maintenance checks and readiness testing; one total for time operated for non-emergency situations; and one total for time operated in emergency situations.

[A.A.C. R18-2-306.A.3.c and A.4]

(3) At the end of each calendar year, the Permittee shall calculate and record three monthly totals of operational hours for each engine: one total for time operated conducting maintenance checks and readiness testing; one total for time operated for non-emergency situations; and one total for time operated in emergency situations.

[A.A.C. R18-2-306.A.3.c and A.4]

b. Engine Certifications

The Permittee shall maintain a copy of the engine certification or other documentation demonstrating that the engine complies with the applicable standards, and shall make the documentation available to ADEQ upon request.

[40 CFR 60.4211(c)]

c. Fuel Supplier Certifications

The Permittee shall keep records of fuel supplier certifications or other documentation such as results of laboratory tests. The documentation shall contain the name of the supplier or laboratory, sulfur content, and cetane index or aromatic content in the fuel. These records shall be made available to ADEQ upon request.

[A.A.C. R18-2-306.A.3.c and A.4]

7. Permit Shield

Compliance with the Conditions of this Section shall be deemed compliance with 40 CFR 60.4202, 4205(b), (d), and (f); 4206, 4207(b); 4211(a)(1), (2), and (3), 4211(c), 4211(e), 4211(f)(1), (2), and (3), 4211(g), 4214(b), and 4219.

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

IV. FEED STORAGE AND DISTRIBUTION SYSTEM REQUIREMENTS

A. This Section applies to the equipment identified in Attachment "C" as subject to A.A.C. R18-2-730 for Unclassified Sources.

B. Particulate Matter and Opacity

1. Emission Limitations and Standards

a. The Permittee shall not cause, allow, or permit emissions of particulate matter to be discharged into the atmosphere in any one hour in excess of the amounts calculated by the following equation:

(1) For sources having a process weight rate greater than 60,000 pounds per hour (30 tons per hour), the maximum allowable emissions shall be determined by the following equation:

$E = 55.0P^{0.11} - 40$

where:

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

P = the process weight rate in tons-mass per hour.

[A.A.C. R18-2-730.A.1]

b. The Permittee shall not cause, allow, or permit to be emitted into the atmosphere from any point source emissions which exceed 20 percent opacity.

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

c. The Permittee shall not cause, allow, or permit to be emitted into the atmosphere from any non-point source emissions which exceed 40 percent opacity.

[A.A.C. R18-2-614]

2. Monitoring, Recordkeeping, and Reporting Requirements

Each calendar month, the Permittee shall conduct a survey of visible emissions emanating from the feed storage and distribution system and if required, conduct a six-minute observation in accordance with the requirements in Condition II.A.1. Any exceedance shall be reported as an excess emissions in accordance with Section XII of Attachment "A".

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

3. Permit Shield

Compliance with the Conditions of this Section shall be deemed compliance with A.A.C. R18-2-702.B.3, A.A.C. R18-2-730.A.1, and A.A.C R18-2-614.

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

V. SOLID MANURE HANDLING REQUIREMENTS

A. Applicability

This Section applies to the solid manure handling process.

B. Hydrogen Sulfide

1. Emission Limitations and Standards

a. The Permittee shall not cause, allow, or permit the emission of hydrogen sulfide in quantities that exceed 0.03 parts per million by volume for any averaging period of 30 minutes or more at the nearest occupied space.

[A.A.C. R18-2-730.H]

b. Within 72 hours of removing manure from any hen house, the Permittee shall remove the manure from the facility property entirely or cover the manure outside with weather proof covering.

[Condition VI.B.1.b of Installation Permit No. 76941, A.A.C. R18-2-303.B and R18-2-730.F]

2. Air Pollution Control Requirements

a. *The Permittee shall install, maintain, and operate an in-house manure drying system at all times.*

[Condition VI.B.2.a of Installation Permit No. 76941, A.A.C. R18-2-303.B]
[Material Permit Condition is indicated by underlines and italics]

b. *The Permittee shall install, maintain, and operate a fully-enclosed approximately 60-foot extension with fine mesh screening at the end of each exhaust for each layer house.*

[Condition VI.B.2.b of Installation Permit No. 76941, A.A.C. R18-2-303.B]
[Material Permit Condition is indicated by underlines and italics]

3. Monitoring, Recordkeeping, and Reporting Requirements

The Permittee shall make a record of the following:

a. Each date that manure is removed from any hen house; and

b. The corresponding date that manure is removed from the site or stored outside under the weather proof covering.

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

4. Permit Shield

Compliance with the Conditions of this Section shall be deemed compliance with A.A.C. R18-2-730.F and H.

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

C. Volatile Organic Compounds

1. Emission Limitations and Standards

a. No person shall emit gaseous or odorous materials from equipment, operations or premises under the person's control in such quantities or concentrations as to cause air pollution.

[A.A.C. R18-2-730.D]

b. Materials including solvents or other volatile compounds, paints, acids, alkalies, pesticides, fertilizers and manure shall be processed, stored, used and transported in such a manner and by such means that they will not evaporate, leak, escape or be otherwise discharged into the ambient air so as to cause or contribute to air pollution. Where means are available to reduce effectively the contribution to air pollution from evaporation, leakage or discharge, the installation and use of such control methods, devices, or equipment shall be mandatory.

[A.A.C. R18-2-730.F]

c. Where a stack, vent or other outlet is at such a level that fumes, gas mist, odor, smoke, vapor or any combination thereof constituting air pollution is discharged to adjoining property, the Director may require the installation of abatement equipment or the alteration of such stack, vent, or other outlet by the owner or operator thereof to a degree that will adequately dilute, reduce or eliminate the discharge of air pollution to adjoining property.

[A.A.C. R18-2-730.G]

2. Permit Shield

Compliance with the Conditions of this Section shall be deemed compliance with A.A.C. R18-2-730.D, F, and G.

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

VI. POULTRY HOUSE REQUIREMENTS

A. Applicability

This Section applies to all hen houses.

B. Best Management Practices

1. The Permittee shall use drinkers in its poultry houses that do not continuously drip.
[Condition VII.B.1 of Installation Permit No. 76941, A.A.C. R18-2-303.B]

2. The Permittee shall inspect all water pipes and drinkers in its poultry houses on a daily basis and repair any leaks the same day as the leak is detected.
[Condition VII.B.2 of Installation Permit No. 76941, A.A.C. R18-2-303.B]

3. The Permittee shall not cause, allow, or permit the use of bedding or litter materials on the bottom floor of any poultry house. Any bedding or litter material which inadvertently falls on the bottom floor from chicken activity shall be removed in accordance with the Facility's solid manure handling procedures.
[Condition VII.B.3 of Installation Permit No. 76941, A.A.C. R18-2-303.B]

4. The Permittee shall remove all dead carcasses from all poultry houses on a daily basis.
[Condition VII.B.4 of Installation Permit No. 76941, A.A.C. R18-2-303.B]

VII. FUGITIVE DUST REQUIREMENTS

A. Applicability

This Section 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 and 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. Air Pollution Control Requirements

Unpaved Roads and Storage Piles

a. *Water, or an equivalent control, shall be used to control visible emissions from unpaved roads and storage piles.*

[Condition VIII.B.2.a of Installation Permit No. 76941 and A.A.C. R18-2-303.B]
[Material Permit Condition is indicated by underlines and italics]

b. The Permittee shall pave or apply compacted recycled asphalt on unpaved roads prior to the commencement of normal operations.

[Condition VIII.B.2.b of Installation Permit No. 76941 and A.A.C. R18-2-303.B]

3. Monitoring and Recordkeeping Requirements

a. The Permittee shall maintain records of the dates on which any of the activities listed in Condition II.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 of Attachment "B".

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

C. Permit Shield

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

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

VIII. OTHER PERIODIC ACTIVITIES

A. Abrasive Blasting

1. Particulate Matter and Opacity

a. Emission Limitations and 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

a. 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]

(1) The date the project was conducted;

(2) The duration of the project; and

(3) Type of control measures employed.

b. Each time an abrasive blasting project is conducted, the Permittee shall monitor visible emissions from the project in accordance with Condition I.A of Attachment "B".

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

3. Permit Shield

Compliance with Condition VIII.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 and 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 VIII.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 VIII.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.

[[A.A.C. R18-2-727.C.1]

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

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

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

[A.A.C. R18-2-727.C.3]

(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 VIII.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.A.C. R18-2-306.A.3.c]

(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 VIII.B.1.b(1).

c. Permit Shield

Compliance with Condition VIII.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 and 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. Monitoring, Recordkeeping, and Reporting Requirements

Each time a spray painting project is conducted, the Permittee shall monitor visible emissions in accordance with Condition I.A of Attachment "B".

c. Permit Shield

Compliance with Condition VIII.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 and Standard

The Permittee shall comply with all of the requirements of 40 CFR 61 Subpart M for National Emission 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 VIII.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	FUEL	MAKE	MODEL	INSTALLATION/ MFG. DATE	SERIAL NUMBER	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
Propane Boiler								
Egg Processing Boiler	3.082 MBTU/hr	Propane	Well-McLain	Model 88 Series 2	2019	TBD	BR-1	A.A.C. R18-2-724
Propane Heaters								
Forced Air Heaters (Quantity 48)	0.25 MBTU/hr	Propane	Guardian 2.0	AD/ AW250	2024	TBD	HTR-1 – HTR-48	A.A.C. R18-2-724
Emergency Generators								
Emergency Generator	755 hp	Diesel	Cummins Inc.	DFEK2380825	2019	C240322106	FT-409	NSPS 40 CFR Part 60 Subpart IIII
Emergency Generator	755 hp	Diesel	Cummins Inc.	DFEK2380825	2019	C240321383	FT-410	NSPS 40 CFR Part 60 Subpart IIII
Emergency Generator	755 hp	Diesel	Cummins Inc.	DFEK2380825	2019	C240321344	FT-411	NSPS 40 CFR Part 60 Subpart IIII
Emergency Generator	755 hp	Diesel	Cummins Inc.	DFEK2380825	2019	C240322107	FT-412	NSPS 40 CFR Part 60 Subpart IIII
Emergency Generator	755 hp	Diesel	Cummins Inc.	DFEK2380825	2019	C240322133	FT-413	NSPS 40 CFR Part 60 Subpart IIII

EQUIPMENT TYPE	MAX. CAPACITY	FUEL	MAKE	MODEL	INSTALLATION/ MFG. DATE	SERIAL NUMBER	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
Emergency Generator	755 hp	Diesel	Cummins Inc.	DFEK2380825	2019	C240322603	FT-414	NSPS 40 CFR Part 60 Subpart IIII
Emergency Generator	755 hp	Diesel	Cummins Inc.	DFEK2380825	2019	C240322915	FT-415	NSPS 40 CFR Part 60 Subpart IIII
Emergency Generator	755 hp	Diesel	Cummins Inc.	DFEK2380825	2019	C240322260	EG-8	NSPS 40 CFR Part 60 Subpart IIII
Emergency Generator	755 hp	Diesel	Cummins Inc.	DFEK2380825	2019	C240322565	EG-9	NSPS 40 CFR Part 60 Subpart IIII
Emergency Generator	755 hp	Diesel	Cummins Inc.	DFEK2380825	2019	TBD	EG-10	NSPS 40 CFR Part 60 Subpart IIII
Emergency Generator	755 hp	Diesel	Cummins Inc.	DFEK2380825	2019	TBD	EG-11	NSPS 40 CFR Part 60 Subpart IIII
Emergency Generator	755 hp	Diesel	Cummins Inc.	DFEK2380825	2019	C24032359	FT=416	NSPS 40 CFR Part 60 Subpart IIII
Emergency Generator (Pumphouse & Mill)	755 hp	Diesel	Cummins Inc.	DFEK2380825	2019	C240322132	FT-408	NSPS 40 CFR Part 60 Subpart IIII

EQUIPMENT TYPE	MAX. CAPACITY	FUEL	MAKE	MODEL	INSTALLATION/ MFG. DATE	SERIAL NUMBER	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
Emergency Generator	755 hp	Diesel	Cummins Inc.	DFEK2380825	2019	TBD	EG-14	NSPS 40 CFR Part 60 Subpart IIII
Feed Mill								
Pit Drag #1	7,500 BPH	N/A	Sterling System & Controls	TBD	2019	TBD	RH-1 10.0	A.A.C. R18-2-730
Pit Drag #2	7,500 BPH	N/A	Sterling System & Controls	TBD	2019	TBD	RH-1 15.0	A.A.C. R18-2-730
Receiving Leg	15,000 BPH	N/A	Sterling System & Controls	TBD	2019	TBD	RH-1 30.0	A.A.C. R18-2-730
Receiving Dual Distributor #1	15,000 BPH	N/A	Sterling System & Controls	TBD	2019	TBD	RH-1 35.0	A.A.C. R18-2-730
Top Fill Conveyor #1	15,000 BPH	N/A	Sterling System & Controls	TBD	2019	TBD	RH-1 40.0	A.A.C. R18-2-730
Top Fill Conveyor #2	15,000 BPH	N/A	Sterling System & Controls	TBD	2019	TBD	RH-1 45.0	A.A.C. R18-2-730

EQUIPMENT TYPE	MAX. CAPACITY	FUEL	MAKE	MODEL	INSTALLATION/ MFG. DATE	SERIAL NUMBER	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
Feed Mill Storage Bins	2,103 CF	N/A	Sterling System & Controls	TBD	2019	TBD	FMB-1	A.A.C. R18-2-730
Feed Mill Storage Bins	2,103 CF	N/A	Sterling System & Controls	TBD	2019	TBD	FMB-2	A.A.C. R18-2-730
Feed Mill Storage Bins	2,103 CF	N/A	Sterling System & Controls	TBD	2019	TBD	FMB-3	A.A.C. R18-2-730
Feed Mill Storage Bins	2,103 CF	N/A	Sterling System & Controls	TBD	2019	TBD	FMB-4	A.A.C. R18-2-730
Feed Mill Storage Bins	2,103 CF	N/A	Sterling System & Controls	TBD	2019	TBD	FMB-5	A.A.C. R18-2-730
Feed Mill Storage Bins	2,103 CF	N/A	Sterling System & Controls	TBD	2019	TBD	FMB-6	A.A.C. R18-2-730
Feed Mill Storage Bins	2,103 CF	N/A	Sterling System & Controls	TBD	2019	TBD	FMB-7	A.A.C. R18-2-730
Feed Mill Storage Bins	2,103 CF	N/A	Sterling System	TBD	2019	TBD	FMB-8	A.A.C. R18-2-730

EQUIPMENT TYPE	MAX. CAPACITY	FUEL	MAKE	MODEL	INSTALLATION/ MFG. DATE	SERIAL NUMBER	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
			& Controls					
Feed Mill Storage Bins	2,103 CF	N/A	Sterling System & Controls	TBD	2019	TBD	FMB-9	A.A.C. R18-2-730
Feed Mill Storage Bins	2,103 CF	N/A	Sterling System & Controls	TBD	2019	TBD	FMB-10	A.A.C. R18-2-730
Feed Mill Storage Bins	2,103 CF	N/A	Sterling System & Controls	TBD	2019	TBD	FMB-11	A.A.C. R18-2-730
Feed Mill Storage Bins	2,103 CF	N/A	Sterling System & Controls	TBD	2019	TBD	FMB-12	A.A.C. R18-2-730
Mono-cal Flex Auger	1,000 BPH	N/A	Sterling System & Controls	TBD	2019	TBD	FMB 105.0	A.A.C. R18-2-730
Salt Flex Auger	1,000 BPH	N/A	Sterling System & Controls	TBD	2019	TBD	FMB 110.0	A.A.C. R18-2-730
Micro Scale Discharge Conveyor #1	1,000 BPH	N/A	Sterling System & Controls	TBD	2019	TBD	FMB 155.0	A.A.C. R18-2-730

EQUIPMENT TYPE	MAX. CAPACITY	FUEL	MAKE	MODEL	INSTALLATION/ MFG. DATE	SERIAL NUMBER	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
Micro Scale Discharge Conveyor #2	1,000 BPH	N/A	Sterling System & Controls	TBD	2019	TBD	FMB 160.0	A.A.C. R18-2-730
Mixer Fill Conveyor #1	15,000 BPH	N/A	Sterling System & Controls	TBD	2019	TBD	FMB 180.0	A.A.C. R18-2-730
Mixer Fill Conveyor #2	15,000 BPH	N/A	Sterling System & Controls	TBD	2019	TBD	FMB 185.0	A.A.C. R18-2-730
Mixer Surge Drag	5,000 BPH	N/A	Sterling System & Controls	TBD	2019	TBD	FMB 215.0	A.A.C. R18-2-730
Mixer Cleaner	5,000 BPH	N/A	Sterling System & Controls	TBD	2019	TBD	FMB 220.0	A.A.C. R18-2-730
Cleaner to Elevator Drag Conveyor	5,000 BPH	N/A	Sterling System & Controls	TBD	2019	TBD	FMB 225.0	A.A.C. R18-2-730
Finished Feed Leg	15,000 BPH	N/A	Sterling System & Controls	TBD	2019	TBD	FMB 230.0	A.A.C. R18-2-730
Finished Feed Dual Distributor #2	15,000 BPH	N/A	Sterling System	TBD	2019	TBD	FMB 235.0	A.A.C. R18-2-730

EQUIPMENT TYPE	MAX. CAPACITY	FUEL	MAKE	MODEL	INSTALLATION/ MFG. DATE	SERIAL NUMBER	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
			& Controls					
Feed Mill To House Bins								
Finish Feed Surge to House Bins 1-2 Conveyor	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB 245.0	A.A.C. R18-2-730
House Bins 1-2 Receiving Leg	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB 255.1	A.A.C. R18-2-730
Top Fill Conveyor House Bins 1-2	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB 255.2	A.A.C. R18-2-730
Layer House Feed Bins 1-2	2,379 CF	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB-1&2	A.A.C. R18-2-730
Pneumatic Feed Pipe to House 1 (Quantity 2)	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	PP-1&2	A.A.C. R18-2-730
House Bins 1-2 Conveyor #1	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	270.0	A.A.C. R18-2-730
House Bins 1-2 Conveyor #2	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	270.1	A.A.C. R18-2-730

EQUIPMENT TYPE	MAX. CAPACITY	FUEL	MAKE	MODEL	INSTALLATION/ MFG. DATE	SERIAL NUMBER	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
House Bins 1-2 Conveyor #3	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	270.2	A.A.C. R18-2-730
House Bins 1-2 Conveyor #4	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	270.3	A.A.C. R18-2-730
House Bins 1-2 to House Bins 3-6 Conveyor	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB 275.0	A.A.C. R18-2-730
House Bins 3-6 Receiving Leg	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB 280.1	A.A.C. R18-2-730
Layer House Feed Bins 3-6	2,379 CF	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB-3to6	A.A.C. R18-2-730
Pneumatic Feed Pipe to Houses 1 &2 (Quantity 4)	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	PP-3 - PP-6	A.A.C. R18-2-730
House Bins 3-6 Conveyor	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB 295.0	A.A.C. R18-2-730
House Bins 3-6 to	5,000 BPH	N/A	Sterling Systems	TBD	2019	TBD	LFB 300.0	A.A.C. R18-2-730

EQUIPMENT TYPE	MAX. CAPACITY	FUEL	MAKE	MODEL	INSTALLATION/ MFG. DATE	SERIAL NUMBER	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
House Bins 7-10 Conveyor			& Controls					
House Bins 7-10 Receiving Leg	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB 305.1	A.A.C. R18-2-730
Layer House Feed Bins 7-10	2,379 CF	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB-7to10	A.A.C. R18-2-730
Pneumatic Feed Pipe to Houses 2 & 3 (Quantity 4)	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	PP-7 - PP-10	A.A.C. R18-2-730
House Bins 7-10 Conveyor	5,000 BFH	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB 320.0	A.A.C. R18-2-730
House Bins 7-10 to House Bins 11-14 Conveyor	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB 325.0	A.A.C. R18-2-730
House Bins 11-14 Receiving Leg	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB 330.1	A.A.C. R18-2-730
Layer House Feed Bins 11-14	2,379 CF	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB-11to14	A.A.C. R18-2-730

EQUIPMENT TYPE	MAX. CAPACITY	FUEL	MAKE	MODEL	INSTALLATION/ MFG. DATE	SERIAL NUMBER	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
Pneumatic Feed Pipe to Houses 3 & 4 (Quantity 4)	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	PP-11 - PP-14	A.A.C. R18-2-730
House Bins 11-14 Conveyor	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB 345.0	A.A.C. R18-2-730
House Bins 11-14 to House Bins 15-18 Conveyor	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB 350.0	A.A.C. R18-2-730
House Bins 15-18 Receiving Leg	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB 355.1	A.A.C. R18-2-730
Layer House Feed Bins 15-18	2,379 CF	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB-15to18	A.A.C. R18-2-730
Pneumatic Feed Pipe to Houses 4 & 5 (Quantity 4)	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	PP-15 - PP-18	A.A.C. R18-2-730
House Bins 15-18 Conveyor	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB 370.0	A.A.C. R18-2-730

EQUIPMENT TYPE	MAX. CAPACITY	FUEL	MAKE	MODEL	INSTALLATION/ MFG. DATE	SERIAL NUMBER	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
House Bins 15-18 to House Bins 19-22 Conveyor	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB 375.0	A.A.C. R18-2-730
House Bins 19-22 Receiving Leg	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB 380.1	A.A.C. R18-2-730
Layer House Feed Bins 19-22	2,379 CF	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB-19to22	A.A.C. R18-2-730
Pneumatic Feed Pipe to Houses 5 & 6 (Quantity 4)	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	PP-19 - PP-22	A.A.C. R18-2-730
House Bins 19-22 Conveyor	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB 390.0	A.A.C. R18-2-730
House Bins 23-24 Receiving Leg	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB 405.1	A.A.C. R18-2-730
Layer House Feed Bins 23-24	2,379 CF	N/A	Sterling Systems & Controls	TBD	2019	TBD	LFB-23to24	A.A.C. R18-2-730

EQUIPMENT TYPE	MAX. CAPACITY	FUEL	MAKE	MODEL	INSTALLATION/ MFG. DATE	SERIAL NUMBER	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
Pneumatic Feed Pipe to House 6 (Quantity 2)	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	PP-23 & 24	A.A.C. R18-2-730
Hammer Mill								
Hammer Mill	800 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	HM 600.0	A.A.C. R18-2-730
Hammer Mill Leg	5,000 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	HM 601.0	A.A.C. R18-2-730
Hammer Mill Conveyor	1,200 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	HM 602.0	A.A.C. R18-2-730
Bin 6 Conveyor	1,200 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	HM 603.0	A.A.C. R18-2-730
Hammer Mill Diverter Gate/ Load Out	800 BPH	N/A	Sterling Systems & Controls	TBD	2019	TBD	HM 604.0	A.A.C. R18-2-730

N/A – Not Available.
TBD – To Be Determined.