CLASS II AIR QUALITY PERMIT

DRAFT PERMIT No. 110281

PERMITTEE:	**W.L. Gore & Associates, Inc.**
FACILITY:	**Woody Mountain Campus**
PLACE ID:	**428**
DATE ISSUED:	**Date Pending**
EXPIRY DATE:	**Date Pending**

SUMMARY

This Class II air quality synthetic minor renewal permit is issued to W.L. Gore & Associates, Inc., the Permittee, for the continued operation of the Woody Mountain Campus facility. The facility is located at 3650 West Kiltie Lane, Flagstaff, Arizona 86005 in Coconino County. This permit renews and supersedes Permit No. 85854.

The Woody Mountain Campus facility manufactures medical devices from nitinol wire, an alloy used in medical applications, and fluoropolymers, specialty plastics that support medical device functions. The facility has the potential to emit (PTE), without controls or operating limitations, greater than 100 tons per year (tpy) of VOCs. The Permittee has accepted voluntary emissions limits for volatile organic compounds (VOCs) and hazardous air pollutants (HAPs) to ensure that the facility remains below major source thresholds. To qualify for a Class II synthetic minor permit pursuant to Arizona Administrative Code (A.A.C.) R18-2-302.B.2.b, the Permittee has accepted facility-wide VOC emission limits of 70 tpy of VOCs, 18 tpy of combined federal HAPs, and 7 tpy of any single federal HAP.

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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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.

C. [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 ADEQ 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;

[A.A.C. R18-2-321.A.1.c]

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2. The ADEQ 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 identification number (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 ADEQ 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 ADEQ Director an emissions inventory questionnaire no later than June 1 every three years beginning June 1, 2021.

[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 ADEQ 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]

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C. The Permittee shall submit to the ADEQ 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 ADEQ Director by a previous emissions inventory questionnaire. The amendment shall be submitted to the ADEQ Director within 30 days of discovery or receipt of notice. If the incorrect or insufficient information resulted in an incorrect annual emissions fee, the ADEQ 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 ADEQ 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 XI.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 ADEQ Director may require in determining the compliance status of the source.

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

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

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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 ADEQ Director or the authorized representative of the ADEQ 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. 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 timeline specified in 40 CFR Part 68.

[40 CFR Part 68]

XI. 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 ADEQ 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]

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(1) Notification via myDEQ, 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 XI.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 XI.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

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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 XI.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 XI.A.1 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.E.1 of Attachment "B";

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

3. Except as provided in Conditions XI.B.1 and XI.B.2, prompt notification of all other types of deviation shall be every twelve (12) months, concurrent with the annual compliance certifications required in Section **Error! Reference source not found.**, 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]

XII. 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]

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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]

XIII. REPORTING REQUIREMENTS

The Permittee shall submit the following reports:

A. Compliance certifications in accordance with Section VII above;

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

B. Excess emission; permit deviation, and emergency reports in accordance with Section XI above; and

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

C. Other reports required by any condition of Attachment “B”.

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

XIV. DUTY TO PROVIDE INFORMATION

A. The Permittee shall furnish to the ADEQ Director, within a reasonable time, any information that the ADEQ 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 ADEQ 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 XVI below, as follows:

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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 CHANGES ALLOWED 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, 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 ADEQ 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

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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 ADEQ 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 ADEQ 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.

[A.A.C. R18-2-317.02.C.6]

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 ADEQ Director the minimum amount of time in advance of the change. Notifications of changes associated with

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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 ADEQ 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 ADEQ 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.

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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 ADEQ 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 ADEQ Director.

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

B. Operational Conditions during Performance Testing

Performance tests shall be conducted under such conditions as the ADEQ Director shall specify to the plant operator based on representative performance of the source. The Permittee shall make available to the ADEQ 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 ADEQ 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 ADEQ 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

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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 ADEQ Director's approval, be determined using the arithmetic mean of the results of the other two runs. If the ADEQ Director or the ADEQ Director's designee is present, tests may only be stopped with the ADEQ Director's or such designee's approval. If the ADEQ Director or the ADEQ 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 or 40 CFR 63, shall be submitted to the ADEQ 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:

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[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 ADEQ 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 ADEQ 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 ADEQ Director. The ADEQ 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 ADEQ 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

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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

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

A. 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.

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

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

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

c. The applicable requirements of the acid rain program, consistent with Section 408(a) of the Act;

d. The ability of the EPA Administrator or the ADEQ Director to obtain information from the facility pursuant to Section 114 of the Act, or any provision of state law; and

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

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

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 Standards 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 Regulations.

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

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ATTACHMENT "B": SPECIFIC CONDITIONS

I. FACILITY-WIDE REQUIREMENTS

A. Applicability

This Section applies to facility-wide requirements.

B. 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.B.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 two (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.B.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 two (2) hours.

(2) EPA Reference Method 9.

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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

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

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

C. Volatile Organic Compounds (VOCs)

1. Emissions Limitation

The Permittee shall limit facility-wide VOC emissions to 70 tons per year for any calendar year.

[A.A.C. R18-2-306.01 and -331.A.3.a]
[Material Permit Conditions are identified by underlines and italics]

2. Monitoring and Recordkeeping Requirements

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

a. The Permittee shall maintain records of all purchase orders and invoices associated with the purchasing and procurement of all VOC containing materials (including but not limited to paints, solvents, and adhesives) that are used in the facility, except those associated with trivial and insignificant activities.

b. The Permittee shall maintain a Material Safety Data Sheet (MSDS) for each VOC containing material that is used in the facility.

c. The Permittee shall maintain monthly records of all VOC containing waste material shipped off site under manifest as well as the corresponding VOC content of the waste material.

d. The emissions shall be determined by the following equation:

$$VOC_{emitted} = VOC_{beg} + VOC_{trans} - VOC_{end} - VOC_{waste}$$

$VOC_{emitted}$ = The amount of VOCs emitted from the facility in that calendar year (in tons).

VOC_{beg} = The amount of reportable VOCs contained in all materials at the facility at the beginning of the calendar year. This can be determined by multiplying the weight of the VOC containing materials at the beginning of the calendar year with the percent by weight of the VOC constituents in those materials.

VOC_{trans} = The amount of reportable VOCs contained in all materials purchased or transferred to the facility for that calendar year. This can be determined by multiplying the weight of the VOC containing materials transferred or purchased in that calendar year

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with the percent by weight of the VOC constituents in those materials.

VOC_{end} = The amount of reportable VOCs contained in all materials at the facility at the end of the 12-month period. This can be determined by multiplying the weight of the VOC containing materials at the end of the calendar year with the percent by weight of the VOC constituents in those materials.

VOC_{waste} = The amount of reportable VOCs contained in the waste material removed from the facility for that calendar year. This can be determined by multiplying the weight of the materials removed as waste from the facility for the calendar year with the percent by weight of the VOC constituents in those materials.

e. At the time when the annual compliance certification is due, the Permittee shall submit reports of the calendar year VOC emissions for the facility, except those associated with trivial and insignificant activities.

f. 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 and make them available for inspection upon request by ADEQ.

D. Hazardous Air Pollutants (HAPs)

1. Emission Limitations

The Permittee shall limit HAP emissions to the following amounts for any calendar year:

a. Seven (7) tons of any single federal HAP; or

b. Eighteen (18) tons of combined federal HAPs.

[A.A.C. R18-2-306.01 and -331.A.3.a]
[Material Permit Conditions are identified by underlines and italics]

2. Monitoring and Recordkeeping Requirements

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

a. The Permittee shall maintain records of all purchase orders and invoices associated with the purchasing and procurement of all HAP containing materials (including but not limited to paints, solvents, and adhesives) that are used in the facility.

b. The Permittee shall keep a record of the following to demonstrate compliance with Condition I.D.1:

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(1) Mass of all HAP containing materials used; and

(2) The Material Safety Data Sheet (MSDS) showing mass fraction for each HAP containing material that is present in the facility.

c. At the time when the annual compliance certification is due, the Permittee shall submit reports of the calendar year HAP emissions for the facility, except those associated with trivial and insignificant activities.

d. 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 and make them available for inspection upon request by ADEQ.

E. Recordkeeping and Reporting Requirements

1. Deviations from the following Attachment "B" permit conditions shall be promptly reported in accordance with Condition XI.B of Attachment "A":

a. Conditions II.C, II.F.1.a, and IV.B.

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

2. The Permittee shall maintain, on-site, records of the manufacturer's specifications for all equipment.

[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 annual compliance certification required by Section VII of Attachment "A."

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

II. EMERGENCY INTERNAL COMBUSTION ENGINE (ICE) REQUIREMENTS

A. Applicability

This Section applies to emergency ICE units identified in Attachment "C" as subject to 40 CFR Part 63, Subpart ZZZZ for Stationary Reciprocating Internal Combustion Engines (RICE) and to A.A.C. R18-2-719 for Existing Stationary Rotating Machinery constructed before June 12, 2006. Emergency ICEs constructed on or after June 12, 2006 are subject to 40 CFR Part 60, Subpart JJJJ. Compliance with the requirements of Subpart JJJJ satisfies the requirements of Subpart ZZZZ. In addition, this Section incorporates the requirements for the General Provisions in 40 CFR 60 Subpart A.

B. General Provisions

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1. All requests, reports, applications, submittals, and other communications pursuant to this Section shall be submitted in duplicate to the appropriate Regional Office of the U.S. Environmental Protection Agency (EPA) to the attention of the ADEQ Director of the Division:

   ADEQ Director, Air Division
   U.S. Environmental Protection Agency
   75 Hawthorne Street
   San Francisco, CA 94105

   [40 CFR 60.4(a)]

2. The Permittee shall comply with the general notification requirements identified in 40 CFR 60.7(a), including, but not limited to:

   a. Notification of the date of construction of each affected facility is commenced postmarked no later than 30 days after such date.

   b. Notification of the actual date of initial startup of each affected facility postmarked within 15 days after such date.

   c. Notification of the date upon which demonstration of the continuous monitoring system performance commences in accordance with 40 CFR 60.13(c) postmarked not less than 30 days prior to such date.

3. The Permittee shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction, any malfunction of the air pollution control equipment, or any periods during which a continuous monitoring system or monitoring device is inoperative.

   [40 CFR 60.7(b)]

4. The Permittee shall submit excess emissions, monitoring systems performance reports, and/or summary report forms on a quarterly basis as required by 40 CFR 60.7(c)(1)-(4) and (d)(1)-(2). The frequency of reporting may be reduced to a semiannual basis in accordance with 40 CFR 60.7(e).

   [40 CFR 60.7(c), (d) and (e)]

5. For the purpose of submitting annual compliance certifications or establishing whether or not the Permittee has violated or is in violation of any standard in 40 CFR Part 60, nothing shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether the facility would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed.

   [40 CFR 60.11(g)]

6. The Permittee shall not build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission, which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with opacity standard or with a standard, which is

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based on the concentration of a pollutant in the gases discharged to the atmosphere.

[40 CFR 60.12]

7. The Permittee shall comply with the "General Notification and Reporting Requirements" found in 40 CFR 60.19.

[40 CFR 60.19]

C. Fuel Limitation

The Permittee shall only combust natural gas in the emergency ICEs.

[A.A.C. R18-2-306.01 and -331.A.3.a]
[Material Permit Conditions are indicated by underlines and italics]

D. Emergency ICEs not subject to New Source Performance Standards (NSPS)

1. Particulate Matter and Opacity

a. Emission Limitations and Standards

(1) The Permittee shall not cause, allow or permit to be emitted into the atmosphere, from the emergency ICE, smoke for any period of time greater than ten consecutive seconds which exceeds 40 percent opacity. Visible emissions when starting cold equipment shall be exempt from this requirement for the first ten minutes.

[A.A.C. R18-2-719.E]

(2) The Permittee shall not cause, allow or permit the emission of particulate matter, caused by combustion of fuel, from the emergency ICE 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. R18-2-719.C.1]

(3) For purposes of Condition II.D.1.a(2) above, 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 the emergency ICE shall be used for determining the maximum allowable amount of particulate matter which may be emitted.

[A.A.C. R18-2-719.B]

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b. Monitoring and Recordkeeping Requirements

(1) The Permittee shall monitor the lower heating value of the fuel being combusted in the emergency ICE.

[A.A.C. R18-2-719.I]

(2) During any quarter in which an emergency ICE operates, the Permittee shall conduct visible emissions observations in accordance to Condition I.B.2 of this Attachment, to monitor emissions from all identifiable emission points at the process sources under this Section.

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

(3) The Permittee shall maintain on-site records for a minimum of 5 years and make such records available to ADEQ upon request.

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

c. Permit Shield

Compliance with the Conditions of this Section shall be deemed compliance with A.A.C. R18-2-719.B, -719.C, -719.E and -719.I.

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

2. Sulfur Dioxide (SO_2)

a. Emissions Limitation

The Permittee shall not cause to emit more than 1.0 pound of sulfur dioxide per million Btu (lb/MMBtu) heat input when low sulfur fuel is fired.

[A.A.C. R18-2-719.F]

b. Reporting and Recordkeeping Requirements

(1) The Permittee shall report to the ADEQ Director any daily period during which the sulfur content of the fuel being fired in the emergency generator exceeds 0.8 percent by weight.

[A.A.C. R18-2-719.J]

(2) The Permittee shall record daily the sulfur content and lower heating value of the fuel being fired in the emergency ICE.

[A.A.C. R18-2-719.I]

c. Permit Shield

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Compliance with the Conditions of this Section shall be deemed compliance with A.A.C. R18-2-719.F, -719.I, and -719.J.

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

E. Emergency ICEs subject to NSPS Subpart JJJJ

1. Emission Limitations and Standards

a. The Permittee shall comply with the following emission standards:

[40 CFR 60.4233(e) and Table 1 to 40 CFR Part 60 Subpart JJJJ]

Pollutant	Emission Standard (g/HP-hr)
NOx	2.0
CO	4.0
VOC	1.0

b. The Permittee shall operate and maintain the emergency ICEs to achieve the emissions standards listed above over the entire life of each emergency ICE.

[40 CFR 60.4234]

2. Compliance Requirements

a. The Permittee shall keep records of conducted maintenance to demonstrate compliance and also meet the requirements as specified in 40 CFR part 1068, subparts A through D, as they apply. If the Permittee adjusts engine settings according to and consistent with the manufacturer's instructions, the emergency generator will not be considered out of compliance.

[40 CFR 60.4243(a)(1)]

b. The Permittee shall comply with the emission standards in Condition II.E.1.a by purchasing an engine certified according to procedures specified in NSPS Subpart JJJJ for the same model year.

[40 CFR 60.4243(b)(1)]

c. The Permittee shall demonstrate compliance by keeping a maintenance plan and records of conducted maintenance.

[40 CFR 60.4243(a)(2)(ii)]

d. The Permittee shall, to the extent practicable, maintain and operate each ICE in a manner consistent with good air pollution control practice for minimizing emissions.

[40 CFR 60.4243(a)(2)(ii)]

e. The Permittee shall operate the emergency generator according to the requirements in Conditions II.E.2.e(1) through (3)(3) below. In

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order for the engine to be considered an emergency stationary ICE, any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described in Conditions II.E.2.e(1) through (3) below, is prohibited. If the Permittee does not operate the engine according to the requirements in Conditions II.E.2.e(1) through (3)(3) below, the engine will not be considered an emergency engine and must meet all requirements for non-emergency engines.

[40 CFR 60.4243(d)]

(1) There is no time limit on the use of emergency generator in emergency situations.

[40 CFR 60.4243(d)(1)]

(2) The Permittee may operate emergency ICE for any combination of the purposes specified in Conditions II.E.2.e(2)(a) for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by Condition II.E.2.e(3) counts as part of the 100 hours per calendar year allowed by Condition II.E.2.e(2)(a) below.

[40 CFR 60.4243(d)(2)]

(a) The emergency ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The Permittee may petition the ADEQ Director or EPA Administrator 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.

(3) The emergency ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in Condition II.E.2.e(3)(a) below. Except as provided in Condition II.E.2.e(1), 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 an electric grid or otherwise supply power as part of a financial arrangement with another entity.

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[40 CFR 60.4243(d)(3)]

(a) The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met:

(i) The engine is dispatched by the local balancing authority or local transmission and distribution system operator;

(ii) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.

(iii) The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.

(iv) The power is provided only to the facility itself or to support the local transmission and distribution system.

(v) The Permittee identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the Permittee.

f. If the engine is a non-certified engine or is certified but has not been operated and maintained according to the manufacturer's written emission related instructions, the Permittee shall perform initial performance testing as indicated in 40 CFR 60.4243. The Permittee is not required to conduct subsequent performance testing unless the stationary engine is rebuilt or undergoes major repair or maintenance. A rebuilt stationary SI ICE means an engine that has been rebuilt as that term is defined in 40 CFR 94.11(a).

[40 CFR 60.4243(f)]

g. An air-to-fuel ratio (AFR) controller will be used with the operation of three-way catalysts/non-selective catalytic reduction. The AFR controller shall be maintained and operated appropriately in order

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to ensure proper operation of the engine and control device to minimize emissions at all times.

[40 CFR 60.4243(g)]

3. Monitoring, Recordkeeping and Reporting Requirements

a. The Permittee shall keep records of the following:

(1) All notifications submitted to comply with this subpart and all documentation supporting any notification;

[40 CFR 60.4245(a)(1)]

(2) Maintenance conducted on the engine;

[40 CFR 60.4245(a)(2)]

(3) If the stationary SI ICE is a certified engine, documentation from the manufacturer that the engine is certified to meet the emission standards and information as required in 40 CFR Parts 1048, 1054, and 1060, as applicable; and

[40 CFR 60.4245(a)(3)]

b. If the stationary SI ICE is not a certified engine or is a certified engine operating in a non-certified manner and subject to 40 CFR 60.4243(a)(2), documentation that the engine meets the emission standards.

[40 CFR 60.4245(a)(4)]

4. Permit Shield

Compliance with the Conditions of this Section shall be deemed compliance with 40 CFR 60.4233(e), -60.4234, -60.4243(a)-(b), -60.4243(d), -60.4243(f), and -60.4245(a)(1)-(4).

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

F. Emergency ICEs Subject to NESHAP Subpart ZZZZ

1. Operating Limitations

a. The Permittee shall install a non-resettable hour meter prior to startup of each emergency ICE, if one is not already installed.

[40 CFR 63.6625(f) and A.A.C. R18-2-331.A.3.c]
[Material Permit Conditions are indicated by underlines and italics]

b. The Permittee shall minimize the emergency ICEs time at idle during startup and minimize the emergency ICE's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

[40 CFR 63.6625(h)]

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(1) The Permittee shall change the oil and filter every 500 hours operation or annually, whichever comes first. If the Permittee prefers to extend the oil change requirement, an oil analysis program shall be completed. The oil analysis must be performed at the same frequency specified for changing the oil. The Permittee shall at a minimum analyze the following three parameters: Total Acid Number, viscosity, and percent water content. The condemning limits for these parameters are as follows:

[40 CFR 63.6625(j)]

(a) Total Acid Number: increases by more than 3.0 milligrams of potassium hydroxide (KOH) per gram from Total Acid Number of the oil when new;

(b) Viscosity: changed by more than 20 percent from the viscosity of oil when new; and

(c) Water Content: greater than 0.5 percent by volume.

c. If all of the condemning limits are not exceeded, the Permittee is not required to change the oil. If any of the condemning limits are exceeded, the Permittee shall change the oil within two (2) business days of receiving the results of the analysis or before commencing operation, whichever is later. The analysis program shall be part of the maintenance plan for the operation of the emergency ICE.

[40 CFR 63.6603(a), 40 CFR 63.6625(i), and Table 2d of Subpart ZZZZ]

d. The Permittee shall inspect air cleaner every 1,000 hours of operation or annually, whichever comes first.

[40 CFR 63.6603(a) and Table 2d of Subpart ZZZZ]

e. The Permittee shall inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

[40 CFR 63.6603(a) and Table 2d of Subpart ZZZZ]

f. The Permittee may operate the emergency 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. Such operation is however, limited to no more than 100 hours per year. The Permittee may petition the EPA Administrator 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 the Federal, State, or local standards require maintenance and testing beyond 100 hours per calendar year. Copies of records shall be made available to ADEQ upon request.

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[40 CFR 63.6640(f)(2)(i)]

g. The Permittee shall limit the operation of the emergency ICE for non-emergency situations to no more than 50 hours per year, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing provided in Condition II.F.1.f above.

[40 CFR 63.6640(f)(4)]

2. Compliance Requirements

a. The Permittee shall demonstrate continuous compliance by operating and maintaining the emergency ICEs according to the manufacturer's emission related operation and maintenance instructions, or developing and following a maintenance plan which must provide to the extent practicable for the maintenance and operation of the emergency ICE in a manner consistent with good air pollution control practice for minimizing emissions.

[40 CFR 63.6640(a)]

b. The requirements of NESHAP Subpart ZZZZ are met by the New Stationary RICE by meeting the requirements of 40 CFR Part 60, Subpart JJJJ.

[40 CFR 63.6590(c)(1)]

3. Recordkeeping Requirements

a. The Permittee shall keep records of the hours of operation of the emergency ICE that is recorded through the non-resettable hour meter. Records shall document hours spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation.

[40 CFR 63.6655(f)]

b. The Permittee shall keep records of the parameters that are analyzed and the results of the oil analysis, if any, and the oil changes for the engine.

[40 CFR 63.6625(i)]

c. The Permittee shall keep records of the maintenance conducted on each emergency ICE that demonstrates operation and maintenance of the emergency ICE in accordance with your maintenance plan.

[40 CFR 63.6655(e)]

d. The Permittee shall keep each record in hard copy or electronic form for five (5) years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. The records shall be in a form suitable and readily available for expeditions review according to 40 CFR 63.10(b)(1).

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[40 CFR 63.6660(a)-(c)]

4. Permit Shield

Compliance with the Conditions of this Section shall be deemed compliance with 40 CFR 63.6603(a), -63.6625, -63.6640, -63.6655, and 63.6660(a)-(c).

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

III. PRODUCTION LINE EQUIPMENT REQUIREMENTS

A. Applicability

This Section applies to all production lines, electro polishing lines, extruders, and solvent drying ovens 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. In any one-hour period, the Permittee shall not cause, allow or permit the discharge of particulate matter into the atmosphere from any process source having a process weight rate of 60,000 pounds per hour (30 tons per hour) or less in excess of the amounts calculated by the following equation:

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

$$E = 4.10*P^{0.67}$$

where:

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

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

b. When applying the process weight rate equation, the Permittee shall utilize the total process weight from all similar units employing a similar type process to determine the maximum allowable emissions of particulate matter.

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

c. The Permittee shall not cause, allow, or permit visible emissions in excess of 20 percent opacity.

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

d. The Permittee shall not emit gaseous or odorous materials from equipment, operations or premises in quantities or concentrations as to cause air pollution.

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

e. Materials including solvents or other volatile compounds shall not be processed, stored, used and transported in such a manner and by such means that they will 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 applied when practicable.

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

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

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

2. Monitoring and Recordkeeping Requirements

The Permittee shall maintain on-site records for a minimum of 5 years and make such records available to ADEQ upon request.

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

3. Permit Shield

Compliance with the Conditions of this Section shall be deemed compliance with A.A.C. R18-2-702, -730.A, -730, -730.B, -730.D, -730.F, and -730.G.

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

IV. BOILERS, HUMIDIFIERS, HEATERS, AND GAS-FIRED OVENS REQUIREMENTS

A. Applicability

This Section applies to all boilers, humidifiers, heaters, and gas-fired ovens identified in Attachment "C" as subject to A.A.C. R18-2-724 for Fossil-fuel Fired Industrial and Commercial Equipment.

B. Fuel Limitation

The Permittee shall only fire natural gas fuel in the boilers, humidifiers, heaters, and gas-fired ovens.

[A.A.C. R18-2-306.01 and -331.A.3.a]
[Material Permit Conditions are identified by underlines and italics]

C. Particulate Matter and Opacity

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1. Emission Limitations and Standards

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

$E = 1.02*Q^{0.769}$

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. For purposes of this Section, 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 the opacity of any plume or effluent emanating from each boiler, humidifier, heater, or gas fired oven to exceed 15 percent.

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

2. Monitoring and Recordkeeping Requirement

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

a. The Permittee shall conduct visible emissions observations in accordance to Condition I.B.2 of this Attachment, once every quarter to monitor emissions from the affected process sources under this Section.

b. The Permittee shall keep records of fuel supplier certifications. The certification shall contain information regarding the name of fuel supplier and lower heating value of the fuel. These records shall be made available to ADEQ upon request.

D. Permit Shield

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

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

V. FUGITIVE DUST REQUIREMENTS

A. Applicability

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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 Limitation

a. Opacity of emissions from any fugitive dust non-point source shall not be greater than 40 percent.

[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

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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 ADEQ 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 V.B.1.b above were performed and the control measures that were adopted.

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

b. The Permittee shall monitor quarterly visible emissions in accordance with Condition I.B.2 of this Attachment when fugitive dust-generating activities are occurring.

[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, and -614.

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

VI. 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]

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(1) Wet blasting;

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

(3) Any other method approved by the ADEQ Director.

b. Opacity

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

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

2. Monitoring and Recordkeeping Requirements

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. At least once during each quarter in which abrasive blasting is conducted, the Permittee shall monitor visible emissions from the abrasive blasting operation in accordance with Condition I.B of Attachment “B”.

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

3. Permit Shield

Compliance with the Conditions of this Subsection 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

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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 VI.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 VI.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 VI.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

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(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 VI.B.1.b(1).

c. Permit Shield

Compliance with Conditions of this Section 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 **Error! Reference source not found.** of Attachment “B”.

c. Permit Shield

Compliance with Conditions of this Section shall be deemed compliance with A.A.C. R18-2-702.B.3.
[A.A.C. R18-2-325]

C. Demolition and Renovation - Hazardous Air Pollutants

1. Emission Limitation and Standard

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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 Conditions of this Section shall be deemed compliance with A.A.C. R18-2-1101.A.12.

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

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ATTACHMENT "C": EQUIPMENT LIST

EQUIPMENT TYPE	MAXIMUM CAPACITY	MAKE	MODEL	SERIAL NUMBER	MFG. DATE	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
ER Production Lines	N/A	N/A	N/A	N/A	N/A	ER 100	A.A.C. R18-2-730
ER Emergency Generator	200 hp	Generac	97403250S	2035431	1997	EREG	NESHAP Subpart ZZZZ and A.A.C. R18-2-719
ER Hot Water Heater 5	1.0 MMBtu/hr	Fulton	Endura 1000	F10615398A	2023	ERB5	A.A.C. R18-2-724
ER Hot Water Heater 6	1.0 MMBtu/hr	Fulton	Endura 1000	F10615402A	2023	ERB6	A.A.C. R18-2-724
ER Hot Water Heater 7 (Added)	1.0 MMBtu/hr	Fulton	Fulton Endura 1000	F10616545	2023	ERB7	A.A.C. R18-2-724
ER Hot Water Heater 8 (Added)	1.0 MMBtu/hr	Fulton	Fulton Endura 1000	F10616527	2023	ERB8	A.A.C. R18-2-724
WS Production Lines	N/A	N/A	N/A	N/A	N/A	WS 100	A.A.C. R18-2-730
WS Emergency Generator	370 hp	Caterpillar	G275LG2	GXD00213	2009	WSEG	NSPS Subpart JJJJ
WS Hot Water Heater 1	1.0 MMBtu/hr	Fulton	6134-HFTC	G-91-297	1991	WSB1	A.A.C. R18-2-724
WS Hot Water Heater 2	1.0 MMBtu/hr	Fulton	6448-HFTC	G-91-298	1991	WSB2	A.A.C. R18-2-724
WS Hot Water Heater 3	1.0 MMBtu/hr	Fulton	6150-HFTC	G-03-0600	2003	WSB3	A.A.C. R18-2-724
WS Hot Water Heater 4	1.0 MMBtu/hr	Fulton	6126-HFTC	G-04-0591	2004	WSB4	A.A.C. R18-2-724
WS Shop Heater	0.105 MMBtu/hr	Reznor	UDAP100	BEL792N5409X	2005	WSH1	A.A.C. R18-2-724
CT R&D Oven 1	0.06 gph	Despatch	N/A	2466	2012	CT Oven 1	A.A.C. R18-2-730

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EQUIPMENT TYPE	MAXIMUM CAPACITY	MAKE	MODEL	SERIAL NUMBER	MFG. DATE	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
CT R&D Extruder 1448	15.53 tpy VOC	Gore	N/A	1448	1995	CTE 1448	A.A.C. R18-2-730
CT Extruder 7664	15.53 tpy VOC	Gore	N/A	7664	2010	CTE7664	A.A.C. R18-2-730
CT Extruder CPE2	15.53 tpy VOC	Gore	N/A	CPE2	2015	CTCPE2	A.A.C. R18-2-730
EH Production Lines	N/A	N/A	N/A	N/A	N/A	EH 100	A.A.C. R18-2-730
EH Emergency Generator	180 hp	Caterpillar	G366 TA	07Y06465	1999	EHEG	NESHAP Subpart ZZZZ and A.A.C. R18-2-719
Electropolishing Line 2	N/A	N/A	N/A	N/A	N/A	EP2	A.A.C. R18-2-730
EH Hot Water Heater 1	1.0 MMBtu/hr	Aerco	KC1000GWB	G-98-091	1998	EHB1	A.A.C. R18-2-724
EH Hot Water Heater 2	1.0 MMBtu/hr	Aerco	KC1000GWB	G-98-094	1998	EHB2	A.A.C. R18-2-724
EH Hot Water Heater 3	1.0 MMBtu/hr	Aerco	KC1000GWB	G-98-093	1998	EHB3	A.A.C. R18-2-724
EH Hot Water Heater 4	1.0 MMBtu/hr	Aerco	KC1000GWB	G-98-090	1998	EHB4	A.A.C. R18-2-724
EH Hot Water Heater 5	1.0 MMBtu/hr	Aerco	KC1000GWB	G-98-092	1998	EHB5	A.A.C. R18-2-724
WM Production Lines	N/A	N/A	N/A	N/A	N/A	WM 100	A.A.C. R18-2-730
WM Emergency Generator	200 hp	Caterpillar	G250G1	OLY00000HNGJ00561	September 2008	WMEG	NSPS Subpart JJJJ
WM Hot Water Heater 2	2.0 MMBtu/hr	Aerco	Benchmark 2.0	G-05-1026	2005	WMB2	A.A.C. R18-2-724
WM Hot Water Heater 3	6.0 MMBtu/hr	Fulton	EDR+6000	0261-FHS	2018	WMB3	A.A.C. R18-2-724
WM Hot Water Heater 4	6.0 MMBtu/hr	Fulton	EDR+6000	0270-FHS	2018	WMB4	A.A.C. R18-2-724

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EQUIPMENT TYPE	MAXIMUM CAPACITY	MAKE	MODEL	SERIAL NUMBER	MFG. DATE	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
WM Hot Water Heater	0.5 MMBtu/hr	AO Smith	BTH 400-A200	1630M000091	2016	WMWH1	A.A.C. R18-2-724
WM Hot Water Heater	0.75 MMBtu/hr	Raypac	H30752B	809287486	2009	WMWH2	A.A.C. R18-2-724
Shop Heater	0.09 MMBtu/hr	Reznor	UDAS-100	TBD	2016	Heater 1	A.A.C. R18-2-724
WM Humidifier	0.5 MMBtu/hr	DriSteem	GTS-500	1254004-01-01	2017	WMH1	A.A.C. R18-2-724
WM Humidifier	0.5 MMBtu/hr	DriSteem	GTS-500	1254004-01-02	2017	WMH2	A.A.C. R18-2-724
WM Humidifier	0.5 MMBtu/hr	DriSteem	GTS-500	1254004-02-01	2017	WMH3	A.A.C. R18-2-724
WM Humidifier	0.5 MMBtu/hr	DriSteem	GTS-500	1254004-02-02	2017	WMH4	A.A.C. R18-2-724
CT Fibers Oven 3020	13 Gal. Solvent /yr	Gore	N/A	3020	1992	CT Oven 3020	A.A.C. R18-2-730
Pyrolysis Oven	0.3 MMBtu/hr	PCP, Inc.	SP-13	6668	2016	Oven 20036847	A.A.C. R18-2-724
WM Pellet Warming Oven	0.07 gal/run	Grieve	CLD-500	120966A1117	2018	Oven 1117	A.A.C. R18-2-724
CT Solvent Coater	10.5 tpy VOC	Solvent Coater	Solvent Coater	TBD	2019	R&D CoaterXX	A.A.C. R18-2-730
SC Emergency Generator	620 hp	Cat	DG400 CG	LKL800164	2023	SCEG	NSPS Subpart JJJJ
SC Boiler	2.4 MMBtu/hr	Bryon	RV300S 15 0	68885	1990	SC13	A.A.C. R18-2-724
SC Boiler 2	5.0 MMBtu/hr	Fulton	Endura EDR+5000	TBD	2017	SCB2	A.A.C. R18-2-724
SC Boiler 3	5.0 MMBtu/hr	Fulton	Endura EDR+5000	TBD	2017	SCB3	A.A.C. R18-2-724
SC Boiler 4	5.0 MMBtu/hr	Fulton	Endura EDR+5000	TBD	2017	SCB4	A.A.C. R18-2-724

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EQUIPMENT TYPE	MAXIMUM CAPACITY	MAKE	MODEL	SERIAL NUMBER	MFG. DATE	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
SC Shop Heater 1	0.075 MMBtu/hr	Renzor	UDAP75	BNC796EN3695X	2014	SCSH1	A.A.C. R18-2-724
SC Shop Heater 2	0.04 MMBtu/hr	Robert Gordon Inc.	Vantage II-CTH2-40	9011-013-040-0060	1990	SCSH2	A.A.C. R18-2-724
KP Production & Coating Lines	N/A	N/A	N/A	N/A	N/A	KP100	A.A.C. R18-2-730
KP Emergency Generator	495 hp	Cummins	325GFEA/GTA19GG1	25312996	August 2006	KPEG	NSPS Subpart JJJJ
KP Emergency Generator 2	415 hp	Cat	DG275 GC	0KL400135	2022	KPEG2	NSPS Subpart JJJJ
KP Hot Water Heater 1	2.0 MMBtu/hr	Aerco	BMK-2.0	G-06-1368	2006	KPB1	A.A.C. R18-2-724
KP Hot Water Heater 2	2.0 MMBtu/hr	Aerco	BMK-2.0	G-17-2146	2017	KPB2	A.A.C. R18-2-724
KP Hot Water Heater 3	2.0 MMBtu/hr	Aerco	BMK-2.0	G-06-1366	2006	KPB3	A.A.C. R18-2-724
KP Hot Water Heater 4	2.0 MMBtu/hr	Aerco	BMK-2.0	G-17-2147	2017	KPB4	A.A.C. R18-2-724
KP Humidifier 1	0.8 MMBtu/hr	DriSteem	GTS04-800DI2	1145701-04-01	2006	KPH1	A.A.C. R18-2-724
KP Humidifier 2	0.8 MMBtu/hr	DriSteem	GTS04-800DI2	1145701-04-02	2006	KPH2	A.A.C. R18-2-724
KP Hot Water Heater 1	0.2 MMBtu/hr	Rheem	HE119-199N	0914T0877N	2006	KPHWH1	A.A.C. R18-2-724
KP Hot Water Heater 2	0.2 MMBtu/hr	AO Smith	BTH-199300	1716105812921	2017	KPHWH2	A.A.C. R18-2-724
KP Hot Water Heater 3	0.2 MMBtu/hr	Rheem	HE119-199N	0813T0575N	2006	KPHWH3	A.A.C. R18-2-724
KP Hot Water Heater 4	0.2 MMBtu/hr	Rheem	HE119-199N	0706T0241N	2006	KPHWH4	A.A.C. R18-2-724

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EQUIPMENT TYPE	MAXIMUM CAPACITY	MAKE	MODEL	SERIAL NUMBER	MFG. DATE	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
KP Oven 9490	0.4 oz @125°C	Blue M	TFD3-21-1G	175965	2009	Oven 9490	A.A.C. R18-2-730
KP Oven 9076	21 oz @100°C	Blue M	DC-246A-GHP	DC-7874	2009	Oven 9076	A.A.C. R18-2-730
KP – CR7 Abrasive Blaster	40 lbs	Maxi-Blast	MBT 4836 SLPC-DP850	87801	2002	KP AB1	A.A.C. R18-2-726
FP Emergency Generator	566 hp	Caterpilllar	G3412	CTP02525	May 2006	FPEG	NESHAP Subpart ZZZZ and A.A.C. R18-2-719
FP Hot Water Heater 3	2.0 MMBtu/hr	Aerco	BMK-2.0	G-08-2190	2009	FBP3	A.A.C. R18-2-724
FP Hot Water Heater 4	2.0 MMBtu/hr	Aerco	BMK-2.0	G-08-2189	2009	FBP4	A.A.C. R18-2-724
FP Hot Water Heater 5	2.0 MMBtu/hr	Aerco	BMK-2.0	G-13-0303	2013	FBP5	A.A.C. R18-2-724
FP Hot Water Heater 6	2.0 MMBtu/hr	Aerco	BMK-2.0	G-13-0305	2013	FBP6	A.A.C. R18-2-724

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