

CLASS II AIR QUALITY PERMIT

DRAFT PERMIT No. 109368

PERMITTEE: OTODIS, LLC
FACILITY: OTODIS Quartzsite
PLACE ID: 14059
DATE ISSUED: Date Pending
EXPIRY DATE: Date Pending

SUMMARY

This Class II air quality permit is issued to OTODIS, LLC, the Permittee, for the construction and operation of the OTODIS Quartzsite Used Motor Oil Refinery. The facility is located at 3005 West Dome Rock Road in Quartzsite, AZ 85346 in La Paz County.

The OTODIS Quartzsite Used Motor Oil Refinery processes used motor oil in order to produce base oils. The facility's potential to emit sulfur dioxide (SO₂) is greater than the significant threshold identified in Arizona Administrative Code (A.A.C.) R18-2-101(131). Therefore, a Class II permit is required in accordance with A.A.C. R18-2-302.B.2.a.

In addition, the construction and operation of the facility triggers the requirements of Minor New Source Review in accordance with A.A.C. R18-2-334.A.2. In order to satisfy the requirements of Minor New Source Review, the facility elected to conduct an ambient air impact assessment to demonstrate that emissions from the facility will not interfere with attainment or maintenance of the National Ambient Air Quality Standards (NAAQS) for SO₂ and particulate matter with aerodynamic diameter less than 2.5 microns (PM_{2.5}) of which SO₂ is a precursor to in accordance with A.A.C. R18-2-334.C.2.

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 A.A.C. R18-2-101 et. seq. A.A.C. and Title 40 of the CFR, except as otherwise defined in this permit.

DRAFT

This page is left blank intentionally.

Table of Contents

ATTACHMENT "A" : GENERAL PROVISIONS.....	4
I. PERMIT EXPIRATION AND RENEWAL	4
II. COMPLIANCE WITH PERMIT CONDITIONS	4
III. PERMIT REVISION, REOPENING, REVOCATION AND REISSUANCE, OR TERMINATION FOR CAUSE	4
IV. POSTING OF PERMIT	5
V. FEE PAYMENT	5
VI. EMISSIONS INVENTORY QUESTIONNAIRE.....	5
VII. COMPLIANCE CERTIFICATION.....	6
VIII. CERTIFICATION OF TRUTH, ACCURACY AND COMPLETENESS	6
IX. INSPECTION AND ENTRY	7
X. PERMIT REVISION PURSUANT TO FEDERAL HAZARDOUS AIR POLLUTANT STANDARD.....	7
XI. ACCIDENTAL RELEASE PROGRAM	7
XII. EXCESS EMISSIONS AND PERMIT DEVIATIONS REPORTING	7
XIII. RECORDKEEPING REQUIREMENTS.....	9
XIV. DUTY TO PROVIDE INFORMATION	10
XV. PERMIT AMENDMENT OR REVISION.....	10
XVI. FACILITY CHANGE WITHOUT A PERMIT REVISION	11
XVII. TESTING REQUIREMENTS	14
XVIII. PROPERTY RIGHTS	16
XIX. SEVERABILITY CLAUSE.....	16
XX. PERMIT SHIELD.....	16
XXI. PROTECTION OF STRATOSPHERIC OZONE	17
XXII. APPLICABILITY OF NSPS/NESHAP GENERAL PROVISIONS.....	17
ATTACHMENT "B" : SPECIFIC CONDITIONS	18
I. FACILITY-WIDE REQUIREMENTS.....	18
II. USED MOTOR OIL REFINERY REQUIREMENTS	20
III. THERMIC FLUID HEATER REQUIREMENTS	22
IV. STEAM BOILER REQUIREMENTS	25
V. EMERGENCY INTERNAL COMBUSTION ENGINE REQUIREMENTS	31
VI. COOLING TOWER REQUIREMENTS	37
VII. FUGITIVE DUST REQUIREMENTS.....	38
VIII. OTHER PERIODIC ACTIVITIES	40
ATTACHMENT "C" : EQUIPMENT LIST	44

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

IV. POSTING OF PERMIT

- 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 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 1st every three years beginning June 1, 2021. At the ADEQ Director's request, the Permittee may be required to complete and submit emissions inventory questionnaires in addition to the triennial emissions inventory questionnaire. The ADEQ 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 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]
- 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

VII. COMPLIANCE CERTIFICATION

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 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. R18-2-309.2.c.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 ADEQ 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 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. 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 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]
- (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.

[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;
2. Notice that is submitted within two (2) working days of discovery of the deviation is prompt for deviations of the permit condition identified by Condition II.C.1 of Attachment "B";
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 certification 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.i]

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

[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 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 XVII below, as follows:

- A.** Facility Changes that Require a Permit Revision;
[A.A.C. R18-2-317.01]
- B.** Administrative Permit Amendment;
[A.A.C. R18-2-318]

- C. Minor Permit Revision; and [A.A.C. R18-2-319]
- D. Significant Permit Revision. [A.A.C. R18-2-320]

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 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 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.

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 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.
 - 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.

XVII. TESTING REQUIREMENTS

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

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 and 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:

[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

XVIII. PROPERTY RIGHTS

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

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]

DRAFT

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 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 2 hours.

(2) EPA Reference Method 9.

I. FACILITY-WIDE REQUIREMENTS

- 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.

C. Recordkeeping and Reporting Requirements

1. 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]
2. 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]
3. Nothing in this permit shall alter or affect the following:
[A.A.C. R18-2-325.B]
 - a. The provisions of Section 303 of the Clean Air Act, 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 Clean Air Act;
 - d. The ability of the EPA Administrator or the ADEQ Director to obtain information from the facility pursuant to Section 114 of the Clean Air 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.

II. USED MOTOR OIL REFINERY REQUIREMENTS

A. Applicability

This Section applies to the used motor oil refinery identified in Attachment "C".

B. Emissions Standards and Operating Requirements

1. The Permittee shall ensure that process gases from the used motor oil refinery are diverted to the thermic fluid heater.
[A.A.C. R18-2-730.G]
2. The Permittee shall not cause or permit the emissions of particulate matter discharged into the atmosphere in any one hour from the used motor oil refinery in total quantities in excess of the amounts calculated by one of the following equations:
 - a. If the used motor oil refinery has a process weight rate of 60,000 pounds per hour (30 tons per hour) or less, the maximum allowable emissions shall be determined by the following equation:
[A.A.C. R18-2-730.A.1.a]
$$E = 4.10P^{0.67}$$

Where:

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

P = the process weight rate in tons-mass per hour.
 - b. If the used motor oil refinery has 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:
[A.A.C. R18-2-730.A.1.b]
$$E = 55.0P^{0.11} - 40$$

Where "E" and "P" are defined as indicated in Condition above.
3. The Permittee shall not cause or permit the emissions of sulfur dioxide greater than 600 parts per million.
[A.A.C. R18-2-730.A.2]
4. The Permittee shall not cause or permit the emissions of nitrogen oxides greater than 500 parts per million.
[A.A.C. R18-2-730.A.3]
5. The Permittee shall not emit gaseous or odorous materials from equipment, operations or premises under the facility's control in such quantities or concentrations as to cause air pollution.
[A.A.C. R18-2-730.D]
6. 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. R18-27-730.F]

7. 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 ADEQ 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]

8. The Permittee shall not allow hydrogen sulfide to be emitted from any location in such manner and amount that the concentration of such emissions into the ambient air at any occupied place beyond the premises on which the facility is located exceeds 0.03 parts per million by volume for any averaging period of 30 minutes or more.

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

C. Monitoring, Recordkeeping, and Reporting Requirements

1. The Permittee shall inspect pipe fittings, valves, etc., to identify any leaks from the used motor oil refinery process on a weekly basis. If any leaks are found, these should be repaired within 24 hours. Any leaks requiring more than 24 hours to repair shall be reported within 48 hours of identification to the ADEQ Director. The Permittee shall log the time and date of each inspection, the results of the inspection, and any corrective actions resulting from the inspection in a log book.

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

2. The Permittee shall monitor hydrogen sulfide emissions using an analyzer. Hydrogen sulfide emissions shall be measured at least weekly, and when any leaks are identified in accordance with Condition II.C.1

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

3. The Permittee shall maintain records of the quantity and sulfur content of used motor oil delivered to the facility.

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

D. Permit Shield

Compliance with the Conditions of this Section shall be deemed compliance with the requirements of A.A.C. R18-2-730.A.1.a, -.A.1.b, -.A.3, -.D., -.F, -.G., and A.A.C R18-2-730.H.

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

III. THERMIC FLUID HEATER REQUIREMENTS

A. Applicability

This Section applies to the thermic fluid heater identified in Attachment "C".

B. Emissions Standards and Limitations

1. The Permittee shall not emit greater than 9.02 pounds per hour (lb/hr) of sulfur dioxide from the thermic fluid heater.

[A.A.C. R18-2-334.C.2.c]

2. The Permittee shall not cause or permit the emissions of particulate matter discharged into the atmosphere in any one (1) hour from the thermic fluid heater in total quantities 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]

3. The Permittee shall not exceed 15% opacity for any six-minute periods.

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

4. The Permittee shall not allow to emit more than 1.0 pounds of sulfur dioxide per million Btu heat input.

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

5. The Permittee shall not fire high sulfur fuel oil.

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

C. Operating Requirements

1. The Permittee shall conduct a tune-up of the thermic fluid heater within 60 months of initial startup.

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

2. The Permittee shall conduct a tune-up of the thermic fluid heater every 5 years. Each 5-year tune-up no more than 60 months after the previous tune-up.

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

3. Each tune-up of the thermic fluid heater shall include the following:

- a. As applicable, inspect the burner, and clean or replace any components of the burner as necessary.

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

- b. Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available.
[A.A.C. R18-2-306.A.3.c]
- c. Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly.
[A.A.C. R18-2-306.A.3.c]
- d. Optimize total emissions of carbon monoxide (CO). This optimization should be consistent with the manufacturer's specifications, if available.
[A.A.C. R18-2-306.A.3.c]
- e. Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer.
[A.A.C. R18-2-306.A.3.c]
- f. Maintain on-site and submit, if requested by ADEQ, a report containing the following information:
- (1) The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the thermic fluid heater.
[A.A.C. R18-2-306.A.3.c]
 - (2) A description of any corrective actions taken as a part of the tune-up of the thermic fluid heater.
[A.A.C. R18-2-306.A.3.c]
 - (3) The type and amount of fuel used over the 12 months prior to the tune-up of the thermic fluid heater.
[A.A.C. R18-2-306.A.3.c]
- g. If the thermic fluid heater is not operating on the required date for a tune-up, the tune-up shall be conducted within 30 days of re-startup.

D. Performance Testing Requirements

1. Within 60 days after the thermic fluid heater has achieved the capability to operate at its maximum production rate on a sustained basis but no later than 180 days after initial start-up, the Permittee shall conduct an initial performance test in accordance with EPA Reference Method 6 in order to demonstrate compliance with the sulfur dioxide emission limitation in Condition III.B.1.

IV. STEAM BOILER REQUIREMENTS

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

2. If the results of the performance test are greater than 75% of the emissions limitation in Condition III.B.1, the Permittee shall conduct a subsequent performance test within 12 months of the previous performance test date. If results of the performance test are less than 75% of the emissions limitation in Condition III.B.1, the Permittee shall conduct a subsequent performance test within 24 months of the previous performance test date.

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

E. Monitoring, Recordkeeping, and Reporting Requirements

1. Each month, the Permittee shall monitor visible emissions from the thermic fluid heater when in operation in accordance with Condition I.B of Attachment "B".

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

2. The Permittee shall submit a notification of initial startup within 15 days of commencing operation of the thermic fluid heater to the ADEQ Director.

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

3. The Permittee shall maintain the following records:

- a. Records shall identify the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the thermic fluid heater was tuned.

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

- b. Records of each performance test and the results of each performance test conducted for the thermic fluid heater.

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

- c. Records of the occurrence and duration of each malfunction of the thermic fluid heater.

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

- d. Records of actions taken during periods of malfunction to minimize emissions, including corrective actions to restore the malfunctioning thermic fluid heater.

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

F. Permit Shield

Compliance with the Conditions of this Section shall be deemed compliance with the requirements of A.A.C. R18-2-724.A.1.a, A.1.b, .E, and .G.

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

IV. STEAM BOILER REQUIREMENTS

A. Applicability

This Section applies to the steam boiler identified in Attachment "C".

B. Fuel Limitation

1. The Permittee shall not fire fuel with sulfur content greater than 0.35%.
[A.A.C. R18-2-334.C.2.c]
2. Recordkeeping Requirement

The Permittee shall maintain records of the sulfur content of the fuels fired in the steam boiler and make these records available upon request to ADEQ.

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

C. Emissions Standards and Limitations

1. The Permittee shall not cause or permit the emissions of particulate matter discharged into the atmosphere in any one hour from the steam boiler in total quantities 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. R18-2-730.A.1.a]

2. The Permittee shall not exceed 15% opacity for any six-minute periods.
[A.A.C. R18-2-724.J]
3. The Permittee shall not allow to emit more than 1.0 pounds of sulfur dioxide per million Btu heat input.
[A.A.C. R18-2-724.E]
4. The Permittee shall not fire high sulfur fuel oil.
[A.A.C. R18-2-724.G]

D. Monitoring Requirement

Each month, the Permittee shall monitor visible emissions from the steam boiler when in operation in accordance with Condition I.B of Attachment "B".

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

E. National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR 63 Subpart JJJJJJ

1. Operating Requirements

IV. STEAM BOILER REQUIREMENTS

- a. The Permittee shall is not required to conduct an initial tune-up as specified in Condition IV.E.2 and conduct a tune-up of the boiler biennially as specified in Condition IV.E.3.b.

[40 CFR 63.11201(b) and Item 5 of Table 2 to 40 CFR 63 Subpart JJJJJJ]

- b. At all times, the Permittee shall operate and maintain the steam boiler, including associated air pollution control equipment and monitoring equipment in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the facility.

[40 CFR 63.11205(a)]

2. Initial Compliance Demonstration

The Permittee is not required to complete an initial tune-up, but shall complete the applicable biennial tune-up no later than 25 months after the initial startup of the steam boiler.

[40 CFR 63.11210(g)]

3. Continuous Compliance Demonstration

- a. The Permittee shall conduct a tune-up according to Condition IV.E.3.b and keep records as required in Condition IV.E.4.c to demonstrate continuous compliance. The tune-up must be conducted while burning the type of fuel (or fuels in the case of steam boilers that routinely burn two types of fuels at the same time) that provided the majority of the heat input to the steam boiler over the 12 months prior to the tune-up.

[40 CFR 63.11223(a)]

- b. The Permittee shall conduct a tune-up of the steam boiler biennially to demonstrate continuous compliance as specified in Condition IV.E.3.b(1) through (7) below. Each biennial tune-up shall be conducted no more than 25 months after the previous tune-up. The first biennial tune-up shall be no later than 25 months after the initial startup.

[40 CFR 63.11223(b)]

- (1) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (the facility may delay the burner inspection until the next scheduled unit shutdown, not to exceed 36 months from the previous inspection).

[40 CFR 63.11223(b)(1)]

- (2) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The

IV. STEAM BOILER REQUIREMENTS

adjustment should be consistent with the manufacturer's specifications, if available.

[40 CFR 63.11223(b)(2)]

- (3) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (the facility may delay the inspection until the next scheduled unit shutdown, not to exceed 36 months from the previous inspection).

[40 CFR 63.11223(b)(3)]

- (4) Optimize total emissions of carbon monoxide (CO). This optimization should be consistent with the manufacturer's specifications.

[40 CFR 63.11223(b)(4)]

- (5) Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer.

[40 CFR 63.11223(b)(5)]

- (6) Maintain on-site and submit, if requested by ADEQ, a report containing the following information:

[40 CFR 63.11223(b)(6)]

- (a) The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the steam boiler.

- (b) A description of any corrective actions taken as a part of the tune-up of the steam boiler.

- (c) The type and amount of fuel used over the 12 months prior to the tune-up of the steam boiler, but only if the steam boiler was physically and legally capable of using more than one type of fuel during that period.

- (7) If the steam boiler is not operating on the required date for a tune-up, the tune-up shall be conducted within 30 days of re-startup.

[40 CFR 63.11223(b)(7)]

4. Recordkeeping and Reporting Requirements

IV. STEAM BOILER REQUIREMENTS

- a. The Permittee shall submit the notifications specified in Conditions IV.E.4.a(1) through (3) to ADEQ. [40 CFR 63.11225(a)]
- (1) The Permittee shall submit all of the notifications in 40 CFR 63.7(b), 63.8(e) and (f), and 63.9(b) through (e), (g), and (h) that apply by the dates specified. [40 CFR 63.11225(a)(1)]
 - (2) An Initial Notification shall be submitted within 120 days after initial startup. [40 CFR 63.11225(a)(2)]
 - (3) The Permittee shall submit the Notification of Compliance Status no later than 120 days after initial startup in accordance with Conditions IV.E.4.a(3)(a) and (f). The Notification of Compliance Status shall include the following information, as applicable, and signed by the Responsible Corporate Official. [40 CFR 63.11225(a)(4)]
 - (a) The Permittee shall submit the information required in 40 CFR 63.9(h)(2), except the information listed in 40 CFR 63.9(h)(2)(i)(B), (D), (E), and (F). If any opacity or visible emission observations are conducted, or other monitoring procedures or methods, the Permittee shall submit that data to ADEQ.
 - (b) "This facility complies with the requirements in 40 CFR 63.11214 to conduct an initial tune-up of the boiler."
 - (c) "This facility has had an energy assessment performed according to 40 CFR 63.11214(c)."
 - (d) For units that install bag leak detection systems: "This facility complies with the requirements in 40 CFR 63.11224(f)."
 - (e) For units that do not qualify for a statutory exemption as provided in Section 129(g)(1) of the Clean Air Act: "No secondary materials that are solid waste were combusted in any affected unit."
 - (f) The notification shall be submitted electronically using the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form

IV. STEAM BOILER REQUIREMENTS

specific to 40 CFR 63 Subpart JJJJJJ is not available in CEDRI at the time that the report is due, the written Notification of Compliance Status shall be submitted to the EPA Administrator at the appropriate address listed in 40 CFR 63.13.

- b. The Permittee shall prepare, by March 1 of each year, and submit to the Department upon request, a biennial compliance report as specified in Conditions IV.E.4.b(1) and (2):

[40 CFR 63.11225(b)]

- (1) Company name and address.

[40 CFR 63.11225(b)(1)]

- (2) Statement by the Responsible Corporate Official, with the name, title, phone number, email address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the facility has complied with all the relevant standards and other requirements of 40 CFR 63 Subpart JJJJJJ. The notification shall include the following, as applicable, and signed by the Responsible Corporate Official:

[40 CFR 63.11225(b)(2)]

- (a) "This facility complies with the requirements in 40 CFR 63.11223 to conduct a biennial or 5-year tune-up, as applicable, of each boiler."

- (b) For units that do not qualify for a statutory exemption as provided in Section 129(g)(1) of the Clean Air Act: "No secondary materials that are solid waste were combusted in any affected unit."

- (c) "This facility complies with the requirement in 40 CFR 63.11214(d) and 63.11223(g) to minimize the boiler's time spent during startup and shutdown and to conduct startups and shutdowns according to the manufacturer's recommended procedures or procedures specified for a boiler of similar design if manufacturer's recommended procedures are not available."

- c. The Permittee shall maintain the records specified in Conditions IV.E.4.c(1) through (4):

[40 CFR 63.11225(c)]

- (1) As required in 40 CFR 63.10(b)(2)(xiv), the Permittee shall keep a copy of each notification and report that was submitted to comply with 40 CFR 63 Subpart JJJJJJ and all

documentation supporting any Initial Notification or Notification of Compliance Status that was submitted.

[40 CFR 63.11225(c)(1)]

- (2) The Permittee shall keep records to document conformance with the work practices, emission reduction measures, and management practices required by Conditions IV.E.2 and IV.E.3. Records shall identify the steam boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which it was tuned.

[40 CFR 63.11225(c)(2) and (c)(2)(i)]

- (3) Records of the occurrence and duration of each malfunction of the steam boiler, or of the associated air pollution control and monitoring equipment.

[40 CFR 63.11225(c)(4)]

- (4) Records of actions taken during periods of malfunction to minimize emissions, including corrective actions to restore the malfunctioning steam boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation.

[40 CFR 63.11225(c)(5)]

- d. The Permittee shall keep records in a form suitable and readily available for expeditious review. Each record shall be kept for 5 years following the date of each recorded action. Each record shall be kept on-site or be accessible from a central location by computer or other means that instantly provide access at the facility for at least 2 years after the date of each recorded action. Each record may be kept off site for the remaining 3 years.

[40 CFR 63.11225(d)]

F. Permit Shield

Compliance with the Conditions in this Section shall be deemed compliance with the requirements of A.A.C. R18-2-724.A.1.a, -A.1.b, -E, -G, -J, 40 CFR 63.11201(b), 63.11205(a), 63.11210(g), 63.11201(b), 63.11223(a), 63.11223(b)(1), -(b)(2), -(b)(3), -(b)(4), -(b)(5), -(b)(6), -(b)(7), 63.11225(a)(1), -(a)(2), -(a)(3), -(a)(4), 63.11225(b)(1), -(b)(2), 63.11225(c)(1), -(c)(2), -(c)(3), -(c)(4), -(c)(5), and 40 CFR 63.11225(d).

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

V. EMERGENCY INTERNAL COMBUSTION ENGINE REQUIREMENTS

A. Applicability

This Section applies to the emergency internal combustion engine (ICE) identified in Attachment "C".

B. Fuel Requirements

1. The Permittee shall use diesel fuel that meets the following requirements:
[40 CFR 60.4207(b)]
 - a. Sulfur content – maximum 15 ppm; and
[40 CFR 1090.305(b)]
 - b. A minimum cetane index of 40 or a maximum aromatic content of 35 volume percent.
[40 CFR 1090.305(c)(1)-(2)]

C. New Source Performance Standards (NSPS) 40 CFR 60 Subpart IIII

1. Operational Requirements

The Permittee shall operate and maintain the emergency ICE to achieve the emission standards over the entire life of the engine as required in Condition V.C.2.

[40 CFR 60.4206]

2. Emission Limitations and Standards

For 2007 model year and later emergency ICE with a displacement of less than 30 liters per cylinder that are not fire pump engines, the Permittee shall comply with the Tier 2 or Tier 3 emission standards for new nonroad engines for the same rated power as described in 40 CFR 1039, Appendix I, for all pollutants and the smoke standards as specified in 40 CFR 1039.105.

[40 CFR 60.4205(b)]

3. Compliance Requirements

a. The Permittee shall comply with the following requirements:

(1) Operate and maintain the emergency ICE and control device according to the manufacturer's emission-related written instructions.

[40 CFR 60.4211(a)(1)]

(2) Change only those emission-related settings that are permitted by the manufacturer.

[40 CFR 60.4211(a)(2)]

(3) Meet the requirements of 40 CFR Part 1068, as applicable.

[40 CFR 60.4211(a)(3)]

b. The Permittee shall purchase an engine certified to the emission standards in Conditions V.C.2, as applicable, for the same model year and maximum engine power. The engine shall be installed and configured according to the manufacturer's emission-related specifications, except as permitted in Condition V.C.3.d.

[40 CFR 60.4211(c)]

- c. The Permittee shall operate the emergency ICE according to the requirements in Conditions V.C.3.c(1) through (3) below. In order for the engine to be considered an emergency ICE under 40 CFR 60 Subpart IIII, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in Conditions V.C.3.c(1) through (3), is prohibited. If the Permittee does not operate the engine according to the requirements in Conditions V.C.3.c(1) through (3), the engine will not be considered an emergency engine and shall meet all requirements for non-emergency engines.

[40 CFR 60.4211(f)]

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

[40 CFR 60.4211(f)(1)]

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

[40 CFR 60.4211(f)(2)]

- (a) 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 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) 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 V.C.3.c(2). Except as provided in Condition V.C.3.c(3)(a), the 50 hours per calendar 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.

[40 CFR 60.4211(f)(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:

[40 CFR 60.4211(f)(3)(i)]

- (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 North American Electric Reliability Corporation (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 engine owner or operator.

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

[40 CFR 60.4211(g)]

- (1) If the emergency ICE is greater than or equal to 100 horsepower (HP) and less than or equal to 500 HP, the Permittee shall keep a maintenance plan and records of conducted maintenance and must, 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 an engine and control device is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within 1 year after the Permittee changes the emission-related settings in a way that is not permitted by the manufacturer.

[40 CFR 60.4211(g)(2)]

- (2) If the emergency ICE is greater than 500 HP, the Permittee shall keep a maintenance plan and records of conducted maintenance and must, 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 an engine and control device is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within 1 year after you change emission-related settings in a way that is not permitted by the manufacturer. The Permittee shall conduct subsequent performance testing every 8,760 hours of engine operation or 3 years, whichever comes first, thereafter to demonstrate compliance with the applicable emission standards.

[40 CFR 60.4211(g)(3)]

4. Monitoring Requirements

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

[A.A.C. R18-2-306.A.3.c, -331.A.3.c and 40 CFR 60.4209(a)]
[Material Permit Conditions are indicated by underlines and italics]

- b. If the emergency ICE is equipped with a diesel particulate filter, the Permittee shall keep records of any corrective action taken after the backpressure monitor has notified the facility that the high backpressure limit of the engine is approached.

[40 CFR 60.4209(b)]

5. Reporting Requirements

- a. If the emergency ICE does not meet the standards applicable to non-emergency engines in the applicable model year, the Permittee shall keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. The Permittee shall record the time of operation of the engine and the reason the engine was in operation during that time.

[40 CFR 60.4214(b)]

- b. If the emergency ICE has a maximum engine power more than 100 HP that operates for the purposes specified in Condition V.C.3.c(2)(a), the Permittee shall submit an annual report according to the following requirements:

[40 CFR 60.4214(d)]

- (1) The annual report shall contain the following information:

[40 CFR 60.4214(d)(1)]

- (a) Company name and address where the engine is located.
- (b) Date of the report and beginning and ending dates of the reporting period.
- (c) Engine site rating and model year.
- (d) Latitude and longitude of the engine in decimal degrees reported to the fifth decimal place.
- (e) Hours spent for operation for the purposes specified in Condition V.C.3.c(2)(a), including the date, start time, and end time for engine operation for the purposes specified in Condition V.C.3.c(2)(a). The report must also identify the entity that dispatched the engine and the situation that necessitated the dispatch of the engine.

- (2) Annual reports for each calendar year must be submitted no later than March 31st of the following calendar year.

[40 CFR 60.4214(d)(2)]

- (3) The annual report must be submitted electronically using the specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific is not available in CEDRI at the time that the report is due, the written report must be submitted to the EPA Administrator at the appropriate address listed in 40 CFR 60.4.

[40 CFR 60.4214(d)(3)]

D. Permit Shield

Compliance with the Conditions in this Section shall be deemed compliance with the requirements of 40 CFR 60.4205(b), 60.4205(c), 60.4206, 60.4207(b), 60.4209(b), 60.4211(a)(1), -(2), -(3), 60.4211(c), 60.4211(f), -(f)(1), -(f)(2), -(f)(3), 60.4211(g), -(g)(2), -(g)(3), 60.4214(b), 40 CFR 60.4214(d), -(d)(1), -(d)(2), and -(d)(3) and 40 CFR 63.6590(c).

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

VI. COOLING TOWER REQUIREMENTS

A. Applicability

This Section applies to the cooling tower identified in Attachment "C".

B. Emission Limitations and Standards

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

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

2. 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 ADEQ Director may require the installation of abatement equipment or the alteration of such stack, vent, or other outlet by the Permittee 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]

3. The Permittee shall not cause or permit the emissions of particulate matter discharged into the atmosphere in any one hour from the cooling tower in total quantities in excess of the amounts calculated by the following equation:

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

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.a]

4. The Permittee shall not cause or allow to be discharged into the atmosphere any plume or effluent from the cooling tower which exhibits opacity greater than 20%, measured in accordance with EPA Reference Method 9. Where the presence of uncombined water is the only reason for

VII. FUGITIVE DUST REQUIREMENTS

the exceedance of this opacity standard, such exceedance shall not constitute a violation.

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

C. Monitoring Requirement

Each month, the Permittee shall monitor visible emissions from the cooling tower when in operation in accordance with Condition I.B of Attachment "B".

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

D. Permit Shield

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

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

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,

VII. FUGITIVE DUST REQUIREMENTS

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

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

- b. Monitoring Requirement

VIII. OTHER PERIODIC ACTIVITIES

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

b. Opacity

The Permittee shall not cause or allow 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 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.

VIII. OTHER PERIODIC ACTIVITIES

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

VIII. OTHER PERIODIC ACTIVITIES

[[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

VIII. OTHER PERIODIC ACTIVITIES

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.B 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 and 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]

: EQUIPMENT LIST

ATTACHMENT "C": EQUIPMENT LIST

EQUIPMENT TYPE	MAX. CAPACITY	MAKE	MODEL	SERIAL NUMBER	INSTALLATION/ MFG. DATE	EQUIPMENT ID NUMBER	A.A.C. / NSPS / NESHAP
Thermic Fluid Heater	5.3 mmBTU/hr	Fulton / Heat Tech	N/A	N/A	N/A	N/A	A.A.C. R18-2-724
Steam Boiler	4.1 mmBTU/hr	N/A	N/A	N/A	N/A	N/A	A.A.C. R18-2-724; 40 CFR 63 Subpart JJJJJ
Cooling Tower	3,150 Gallons Per Minute	BAC	N/A	N/A	N/A	N/A	A.A.C. R18-2-730
Used Oil Storage Tanks	30,000 Gallons	N/A	N/A	N/A	N/A	P1	N/A
Used Oil Storage Tanks	30,000 Gallons	N/A	N/A	N/A	N/A	P2	N/A
Used Oil Storage Tanks	30,000 Gallons	N/A	N/A	N/A	N/A	P3	N/A
Used Oil Storage Tanks	13,000 Gallons	N/A	N/A	N/A	N/A	P4	N/A
Used Oil Storage Tanks	13,000 Gallons	N/A	N/A	N/A	N/A	P5	N/A
Used Oil Storage Tanks	13,000 Gallons	N/A	N/A	N/A	N/A	P6	N/A
Oily Water Tank	15,000 Gallons	N/A	N/A	N/A	N/A	P7	N/A
Used Oil Storage Tank	5,000 Gallons	N/A	N/A	N/A	N/A	P8	N/A
Used Oil Storage Tank	5,000 Gallons	N/A	N/A	N/A	N/A	P9	N/A
Used Oil Storage Tank	5,000 Gallons	N/A	N/A	N/A	N/A	P10	N/A
Diesel Storage Tank	250 Gallons	N/A	N/A	N/A	N/A	Diesel	N/A
Emergency Generator	268 HP	N/A	N/A	N/A	N/A	N/A	40 CFR 60 Subpart IIII
Antifreeze Storage Tank	2,200 Gallons	N/A	N/A	N/A	N/A	Antifreeze	N/A

*N/A – NOT AVAILABLE.