CLASS II AIR QUALITY PERMIT

Permit No. 112144

PERMITTEE:	**United States Marine Corps**
FACILITY:	**Marine Corps Air Station – Yuma**
PLACE ID:	**13527**
DATE ISSUED:	**Date Pending**
EXPIRY DATE:	**Date Pending**

SUMMARY

This Class II air quality synthetic minor permit is issued to United States Marine Corps Air Station (MCAS), the Permittee, for the continued operation of the Yuma Air Station in Yuma County. The facility is located at Avenue 3E, Yuma, AZ 85369. This permit renews and supersedes Permit No. 87288.

The facility's potential to emit is less than the significant thresholds identified in Arizona Administrative Code (A.A.C.) R18-2-101(132) for all regulated air pollutants. However, a Class II permit was sought by the facility in order to maintain operational flexibility.

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.

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 7
IX. INSPECTION AND ENTRY 7
X. PERMIT REVISION PURSUANT TO FEDERAL HAZARDOUS AIR POLLUTANT STANDARD 7
XI. ACCIDENTAL RELEASE PROGRAM 7
XII. EXCESS EMISSIONS, PERMIT DEVIATIONS, AND EMERGENCY REPORTING 8
XIII. RECORDKEEPING REQUIREMENTS 14
XIV. DUTY TO PROVIDE INFORMATION 15
XV. PERMIT AMENDMENT OR REVISION 15
XVI. FACILITY CHANGE WITHOUT A PERMIT REVISION 16
XVII. TESTING REQUIREMENTS 19
XVIII. PROPERTY RIGHTS 21
XIX. SEVERABILITY CLAUSE 21
XX. PERMIT SHIELD 21
XXI. PROTECTION OF STRATOSPHERIC OZONE 22
XXII. APPLICABILITY OF NSPS/NESHAP GENERAL PROVISIONS 22

ATTACHMENT "B" : SPECIFIC CONDITIONS 23

I. FACILITY-WIDE REQUIREMENTS 23
II. BOILER, HEATER, FURNACE, AND INFRARED HEATER REQUIREMENTS 25
III. EMERGENCY INTERNAL COMBUSTION ENGINE (ICE) REQUIREMENTS 27
IV. NON-EMERGENCY INTERNAL COMBUSTION ENGINE (ICE) REQUIREMENTS 37
V. PARTS WASHER 41
VI. F24 FUEL STORAGE TANK REQUIREMENTS 41
VII. GASOLINE AND E85 STORAGE TANK, AND GASOLINE DISPENSING FACILITY REQUIREMENTS 42
VIII. FACILITY-WIDE HAZARDOUS AIR POLLUTANT REQUIREMENTS 46
IX. FUGITIVE DUST REQUIREMENTS 47
X. OTHER PERIODIC ACTIVITIES 49

ATTACHMENT "C" : EQUIPMENT LIST 53

ATTACHMENT "A": GENERAL PROVISIONS

I. PERMIT EXPIRATION AND RENEWAL

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

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

II. COMPLIANCE WITH PERMIT CONDITIONS

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

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

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

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

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

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

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

C. Proceedings to reopen and issue a permit, including appeal of any final action relating to a permit reopening, shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable. Permit reopenings shall not result in a resetting of the five-year permit term.

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

IV. POSTING OF PERMIT

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

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

1. Current permit number; or

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

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

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

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

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

V. FEE PAYMENT

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

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

VI. EMISSIONS INVENTORY QUESTIONNAIRE

Emissions Inventory Questionnaire

A. The Permittee shall complete and submit to the Director 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 Director and shall include the information required by A.A.C. R18-2-327.A.3 for the previous calendar year.

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

C. The Permittee shall submit to the Director an amendment to an emissions inventory questionnaire, containing the documentation required by A.A.C. R18-2-327.A.3, whenever the Permittee discovers or receives notice, within two years of

the original submittal, that incorrect or insufficient information was submitted to the Director by a previous emissions inventory questionnaire. The amendment shall be submitted to the Director within 30 days of discovery or receipt of notice. If the incorrect or insufficient information resulted in an incorrect annual emissions fee, the Director shall require that additional payment be made or shall apply an amount as a credit to a future annual emissions fee. The submittal of an amendment shall not subject the Permittee to an enforcement action or a civil or criminal penalty if the original submittal of incorrect or insufficient information was not due to willful neglect.

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

VII. COMPLIANCE CERTIFICATION

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

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

B. The compliance certifications shall include the following:

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

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

2. Identification of the methods or other means used by the Permittee for determining the compliance status with each term and condition during the certification period;

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

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

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

4. For emission units subject to 40 CFR Part 64, the certification shall also identify as possible exceptions to compliance any period during which compliance is required and in which an excursion or exceedance defined under 40 CFR Part 64 occurred;

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

5. Other facts the Director may require in determining the compliance status of the source.

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

C. A progress report on all outstanding compliance schedules shall be submitted every six months beginning six months after permit issuance.

[A.A.C. R18-2-309.5.d]

VIII. CERTIFICATION OF TRUTH, ACCURACY AND COMPLETENESS

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

[A.A.C. R18-2-309.3]

IX. INSPECTION AND ENTRY

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

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

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

B. Have access to and copy, at reasonable times, any records that are required to be kept under the conditions of the permit;

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

C. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit;

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

D. Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or other applicable requirements; and

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

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

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

X. PERMIT REVISION PURSUANT TO FEDERAL HAZARDOUS AIR POLLUTANT STANDARD

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

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

XI. ACCIDENTAL RELEASE PROGRAM

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

[40 CFR Part 68]

XII. EXCESS EMISSIONS, PERMIT DEVIATIONS, AND EMERGENCY REPORTING

A. Excess Emissions Reporting

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

1. Excess emissions shall be reported as follows:

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

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

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

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

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

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

   b. The report shall contain the following information:

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

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

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

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

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

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

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

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

      (5) Nature and cause of the emissions;

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

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

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

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

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

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

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

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

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

B. Permit Deviations Reporting

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

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

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

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

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

3. Except as provided in Conditions XII.B.1 and 2, prompt notification of all other types of deviations shall be annually, concurrent with the annual compliance 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.ii]

C. Emergency Provision

1. An “emergency” means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, that require immediate corrective action to restore normal operation,

and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1. Applicability

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

a. Promulgated pursuant to Sections 111 or 112 of the Act;
[A.A.C. R18-2-310.A.1]
[State Enforceable Only]

b. Promulgated pursuant to Titles IV or VI of the Clean Air Act;
[A.A.C. R18-2-310.A.2]
[State Enforceable Only]

c. Contained in any Prevention of Significant Deterioration (PSD) or New Source Review (NSR) permit issued by the U.S. EPA;
[A.A.C. R18-2-310.A.3]
[State Enforceable Only]

d. Contained in A.A.C. R18-2-715.F; or
[A.A.C. R18-2-310.A.4]
[State Enforceable Only]

e. Included in a permit to meet the requirements of A.A.C. R18-2-406.A.5.
[A.A.C. R18-2-310.A.5]
[State Enforceable Only]

2. Affirmative Defense for Malfunctions

Emissions in excess of an applicable emission limitation due to malfunction shall constitute a violation. When emissions in excess of an applicable emission limitation are due to a malfunction, the Permittee has an affirmative defense to a civil or administrative enforcement proceeding based on that violation, other than a judicial action seeking injunctive relief, if the Permittee has complied with the reporting requirements of A.A.C. R18-2-310.01 and has demonstrated all of the following:
[A.A.C. R18-2-310.B]
[State Enforceable Only]

a. The excess emissions resulted from a sudden and unavoidable breakdown of process equipment or air pollution control equipment beyond the reasonable control of the Permittee;
[A.A.C. R18-2-310.B.1]
[State Enforceable Only]

b. The air pollution control equipment, process equipment, or processes were at all times maintained and operated in a manner consistent with good practice for minimizing emissions;
[A.A.C. R18-2-310.B.2]
[State Enforceable Only]

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

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

[A.A.C. R18-2-310.B.3]
[State Enforceable Only]

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

[A.A.C. R18-2-310.B.4]
[State Enforceable Only]

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

[A.A.C. R18-2-310.B.5]
[State Enforceable Only]

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

[A.A.C. R18-2-310.B.6]
[State Enforceable Only]

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

[A.A.C. R18-2-310.B.7]
[State Enforceable Only]

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

[A.A.C. R18-2-310.B.8]
[State Enforceable Only]

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

[A.A.C. R18-2-310.B.9]
[State Enforceable Only]

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

[A.A.C. R18-2-310.B.10]
[State Enforceable Only]

3. Affirmative Defense for Startup and Shutdown

a. Except as provided in Condition XII.D.3 below, and unless otherwise provided for in the applicable requirement, emissions in

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

[A.A.C. R18-2-310.C.1]
[State Enforceable Only]

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

[A.A.C. R18-2-310.C.1.a]
[State Enforceable Only]

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

[A.A.C. R18-2-310.C.1.b]
[State Enforceable Only]

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

[A.A.C. R18-2-310.C.1.c]
[State Enforceable Only]

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

[A.A.C. R18-2-310.C.1.d]
[State Enforceable Only]

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

[A.A.C. R18-2-310.C.1.e]
[State Enforceable Only]

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

[A.A.C. R18-2-310.C.1.f]
[State Enforceable Only]

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

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

[State Enforceable Only]

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

[A.A.C. R18-2-310.C.1.h]
[State Enforceable Only]

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

[A.A.C. R18-2-310.C.2]
[State Enforceable Only]

4. Affirmative Defense for Malfunctions During Scheduled Maintenance

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

[A.A.C. R18-2-310.D]
[State Enforceable Only]

5. Demonstration of Reasonable and Practicable Measures

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

[A.A.C. R18-2-310.E]
[State Enforceable Only]

XIII. RECORDKEEPING REQUIREMENTS

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

1. The date, place as defined in the permit, and time of sampling or measurements;

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

2. The date(s) any analyses were performed;

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

3. The name of the company or entity that performed the analyses;

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

4. A description of the analytical techniques or methods used;

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

5. The results of analyses; and

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

6. The operating conditions as existing at the time of sampling or measurement.

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

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

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

XIV. DUTY TO PROVIDE INFORMATION

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

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

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

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

XV. PERMIT AMENDMENT OR REVISION

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

A. Facility Changes that Require a Permit Revision;

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

B. Administrative Permit Amendment;

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

C. Minor Permit Revision; and

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

D. Significant Permit Revision.

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

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

XVI. FACILITY CHANGE WITHOUT A PERMIT REVISION

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

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

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

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

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

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

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

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

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

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

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

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

5. A change that results in a decrease in actual emissions if the source wants to claim credit for the decrease in determining whether the source has a net emissions increase for any purpose. The logged information shall include a description of the change that will produce the decrease in actual emissions. A decrease that has not been logged is creditable only if the decrease is quantifiable, enforceable, and otherwise qualifies as a creditable decrease.

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

C. The following changes may be made if the source provides written notice to the Department in advance of the change as provided below:

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

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

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

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

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

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

5. A change that amounts to reconstruction of the source or an affected facility: seven days. For purposes of this subsection, reconstruction of a source or an affected facility shall be presumed if the fixed capital cost of the new components exceeds 50% of the fixed capital cost of a comparable entirely new source or affected facility and the changes to the components have occurred over the 12 consecutive months beginning with commencement of construction; and
[A.A.C. R18-2-317.02.C.5]

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

D. For each change under Condition XVI.C, the written notice shall be by certified mail or hand delivery and shall be received by the Director the minimum amount of time in advance of the change. Notifications of changes associated with emergency conditions, such as malfunctions necessitating the replacement of equipment, may be provided with less than required notice, but must be provided as far in advance of the change, or if advance notification is not practicable, as soon after the change as possible. The written notice shall include:
[A.A.C. R18-2-317.02.D]

1. When the proposed change will occur,
[A.A.C. R18-2-317.02.D.1]

2. A description of the change,
[A.A.C. R18-2-317.02.D.2]

3. Any change in emissions of regulated air pollutants, and
[A.A.C. R18-2-317.02.D.3]

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

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

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

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

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

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

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

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

H. Logging Requirements

[Arizona Administrative Code, Appendix 3]

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

   a. A description of the change, including:

      (1) A description of any process change;

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

      (3) A description of any process material change.

   b. The date and time that the change occurred.

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

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

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

XVII. TESTING REQUIREMENTS

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

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

B. Operational Conditions during Performance Testing

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

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

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

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

D. Test Plan

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

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

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

E. Stack Sampling Facilities

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

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

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

F. Interpretation of Final Results

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

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

G. Report of Final Test Results

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

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

H. Extension of Performance Test Deadline

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

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

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

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

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

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

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

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

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

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

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

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

XVIII. PROPERTY RIGHTS

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

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

XIX. SEVERABILITY CLAUSE

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

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

XX. PERMIT SHIELD

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

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

XXI. PROTECTION OF STRATOSPHERIC OZONE

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

[40 CFR Part 82]

XXII. APPLICABILITY OF NSPS/NESHAP GENERAL PROVISIONS

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

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

ATTACHMENT "B": SPECIFIC CONDITIONS

I. FACILITY-WIDE REQUIREMENTS

A. Applicability

This Section includes 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.

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

Condition VII.C.1.

2. The Permittee shall maintain, on-site, records of the manufacturer supplied operations and maintenance instructions or Operation and Maintenance Plan for minimizing emissions for all equipment identified in Attachment "C".
[A.A.C. R18-2-306.A.3.c]

3. The Permittee shall submit reports of all monitoring activities required in Attachment "B" along with the annual compliance certification required by Section VII of Attachment "A."
[A.A.C. R18-2-306.A.5.a]

D. Nothing in this permit shall alter or affect the following:
[A.A.C. R18-2-325.B]

1. The provisions of Section 303 of the Clean Air Act including the authority of the EPA Administrator under that Section;

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

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

4. 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

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

II. BOILER, HEATER, FURNACE, AND INFRARED HEATER REQUIREMENTS

A. Applicability

This Section applies to the boilers, heaters, furnaces, and infrared heaters listed in Table 1, Equipment List, Attachment "C".

B. Fuel Limitation

The Permittee shall only burn natural gas in the boilers, heaters, furnaces, and IR heaters.

[A.A.C. R18-2-306.A.2 and -331.A.3.e]
[Material Permit Conditions are indicated by underlines and italics]

C. Particulate Matter and Opacity

1. Emissions Limitations and Standards

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

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

$E = 1.02Q^{0.769}$

Where:

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

Q = the heat input in million Btu per hour.

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 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 emit or cause to be emitted into the atmosphere from stacks associated with fuel-burning units exhibiting opacity greater than 15 percent, measured in accordance with EPA Reference Method 9.

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

2. Monitoring, Recordkeeping, and Reporting Requirements

a. 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 upon request to ADEQ.

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

b. The Permittee shall report all six-minute periods in which the opacity of any plume or effluent from the equipment exceeds 15 percent.

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

3. Permit Shield

Compliance with the Conditions of this Section shall be deemed compliance with A.A.C. R l8-2-724.B, -724.C.I, and -724.J.

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

III. EMERGENCY INTERNAL COMBUSTION ENGINE (ICE) REQUIREMENTS

A. Applicability

This Section applies to the emergency ICEs listed in Table 2, Equipment List, Attachment "C".

B. Operating Limitations

1. Fuel Limitation

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

The Permittee shall burn only diesel fuel in the emergency ICEs.

2. Hourly Limitations

The Permittee shall not operate each of the emergency ICEs for more than the hours listed under the "Hours of Operation" column in Table, Equipment List, Attachment "C" in any rolling 12-month period.

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

3. Recordkeeping Requirements

The Permittee shall keep records of the rolling 12-month total hours of operation of each emergency ICE to demonstrate compliance with the hourly limitation in Condition III.B.2.

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

C. Requirements for Engines that are Not Subject to New Source Performance Standards

1. Applicability

This Section applies to the emergency ICEs marked as 'No' under the New Source Performance Standards (NSPS) Applicability Column in Table 2, Equipment List, Attachment "C".

2. Fuel Requirements

a. The Permittee shall not fire high sulfur oil (greater than 0.8 percent sulfur) in the ICEs.

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

b. Permit Shield

Compliance with the Conditions of this Subsection shall be deemed compliance with A.A.C. R18-2-719.H.

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

3. Particulate Matter and Opacity

a. Emission Limitations and Standards

[A.A.C.R18-2-719.C.1]

(1) The Permittee shall not cause, allow or permit the emission of particulate matter, caused by combustion of fuel from any stationary rotating machinery 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.

(2) For the purpose of Condition III.C.3.a(1), 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 operating fuel-burning units shall be used for determining the maximum allowable amount of particulate matter which may be emitted.

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

(3) Opacity

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

(a) The Permittee shall not cause, allow or permit to be emitted into the atmosphere from any ICE, smoke for any period greater than 10 consecutive seconds which exceeds 40 percent opacity.

(b) Visible emissions when starting cold equipment shall be exempt from this requirement for the first 10 minutes.

b. Monitoring, Reporting, and Recordkeeping

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

(1) The Permittee shall maintain a record of the daily lower heating value of the fuel fired in the ICEs. This may be accomplished by maintaining on record a copy of that part of the contract with the vendor that specifies the lower heating value of the fuel. These records shall be made available to ADEQ upon request.

(2) A certified EPA Reference Method 9 observer shall conduct a monthly survey of visible emissions emanating from the ICE when in operation in accordance with Condition I.B of Attachment “B”.

c. Permit Shield

Compliance with the Conditions of this Section shall be deemed compliance with A.A.C.R 18-2-719.B, -719.C.1, and -719.E.
[A.A.C. R18-2-325]

4. Sulfur Dioxide

a. Emission Limitations and Standards

The Permittee shall not cause to emit more than 1.0 pound of sulfur dioxide per million Btu heat input when low sulfur oil is fired.
[A.A.C. R18-2-719.F]

b. Monitoring, Reporting, and Recordkeeping Requirements
[A.A.C. R18-2-306.A.3.c and -719.I]

(1) The Permittee shall keep records of fuel supplier certification including the following information:

(a) The name of the diesel supplier;

(b) The sulfur content of diesel from which the shipment came; and

(c) The method used to determine the sulfur content of the diesel

(2) The Permittee shall report to the Director any daily period during which the sulfur content of the fuel being fired in the machine exceeds 0.8%.
[A.A.C. R18-2-719.J]

c. Permit Shield

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]

D. New Source Performance Standards (NSPS) Subpart IIII Requirements

1. Applicability

a. This Section applies to the emergency ICEs marked as 'Yes' under the NSPS Applicability Column in Table 2, Equipment List, Attachment "C".

b. Emergency ICE

[40 CFR 60.4219]

Except as provided in Condition III.D.3.b, an emergency ICE shall be limited to emergency situations and required testing and maintenance only such as to produce power for critical networks or equipment (including power supplied to portions of a facility) when electric power from the local utility (or the normal power source) is interrupted, or used to pump water in the case of fire or flood, etc.

2. New Engine Installation Requirements

The Permittee shall not install a stationary compression ignition ICE that does not meet the applicable requirements for 2007 or later model year engines.

[40 CFR 60.4208]

3. Operating Requirements

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

[40 CFR 60.4209(a), A.A.C. R18-2-306.A.3, and -33l.A.3.a]
[Material Permit Conditions are indicated by underlines and italics]

b. Operation of the ICEs other than emergency operation, maintenance and testing, and operation in non-emergency situations for more than 50 hours per year, is prohibited. These 50 hours of operation shall be counted towards the 100 hours per year provided for maintenance and testing.

[40 CFR 60.4211(f)]

c. There is no time limit on the use of emergency ICE in emergency situations.

[40 CFR 60.4211(f)(1)]

d. The Permittee shall operate and maintain the ICE and the control device according to the manufacturer's written instructions. A copy of the instructions or procedures shall be kept onsite and made available to upon request to ADEQ.

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

e. The Permittee shall only change those emission related settings that are permitted by the manufacturer.

[40 CFR 60.4211(a)(2)]

f. The Permittee shall meet the applicable requirements of 40 CFR Part 1068.

[40 CFR 60.4211(a)(3)]

g. The Permittee may operate the stationary ICE for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State, or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. The Permittee may petition the Administrator and the Director for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the Permittee maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency ICE beyond 100 hours per year.

[40 CFR 60.4211(f)(2)]

4. Fuel Requirements

[40 CFR 60.4207(b)]

The Permittee operating a stationary ICE shall use diesel fuel that meets the requirements of non-road diesel fuel listed in 40 CFR 80.510(b) and listed below:

a. Sulfur content: 15 ppm maximum; and

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

5. Emission Limitations and Standards

The Permittee operating an emergency ICE shall comply with the emission standards listed in the corresponding applicable regulations for the same model year and cylinder displacement as stated in the Table below:

[40 CFR 60.4205(a), (b), (c), and (f)]

Table 1: Emission Standards for Emergency ICEs

Engine Type	Model Year	Displacement (Liters per cylinder)	Applicable regulations
Non-Fire Pump Engines	Pre-2007	Less than 10	Table 1 of 40 CFR Part 60 Subpart IIII
	2007 and Later	Less than 30	New Non-road engines in 40 CFR 60.4202

Fire Pump	All	Less than 30	Table 4 of 40 CFR Part 60 Subpart IIII

6. Compliance Requirements

a. The Permittee operating a 2007 model year and later stationary ICE or a fire pump engine that is manufactured during or after the model year that applies to the fire pump engine power rating in Table 3 of 40 CFR Part 60, Subpart IIII, shall comply by purchasing an engine certified to the emission standards in 40 CFR 60.4205(b) as applicable, for the same model year and maximum engine power. The engine must be installed and configured according to the manufacturer's specifications.

[40 CFR 60.4211(c)]

b. Modified or Reconstructed Stationary ICE

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

[40 CFR 60.4211(e) and 4205(e)]

(1) Purchasing an engine certified to the emission standards in 40 CFR 60.4204(e) or 4205(f).

(2) Conducting a performance test to demonstrate initial compliance with the emission standards according to the requirements specified in 40 CFR 60.4212. The test shall be conducted within 60 days after the engine commences operation after the modification or reconstruction. The in-use performance tests shall meet the not-to-exceed (NTE) standards as indicated in 40 CFR 60.4212.

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

[40 CFR 60.4211(g)]

(a) ICEs less than 100 HP

The Permittee shall keep a maintenance plan and records of conducted maintenance to demonstrate compliance and shall, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, the Permittee

shall conduct an initial performance test to demonstrate compliance with the applicable emission standards within 1 year of such action.

(b) ICEs greater than or equal to 100 HP and less than or equal to 500 HP

The Permittee shall keep a maintenance plan and records of conducted maintenance to demonstrate compliance and shall, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, the Permittee shall conduct an initial performance test to demonstrate compliance with the applicable emission standards within 1 year of startup, or within 1 year after changing any non-permitted emission-related setting.

(c) ICEs greater than 500 HP

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

7. Recordkeeping and Reporting Requirements

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

[40 CFR 60.4211(c) and A.A.C. RI8-2-306.A.4]

b. 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)]

c. The Permittee shall keep records of fuel supplier specifications. The specifications shall contain name of the supplier, sulfur content, and

cetane index or aromatic content in the fuel. These records shall be made available to ADEQ upon request.

[A.A.C. RI8-2-306.A.3.c]

8. Permit Shield

Compliance with the Conditions of this Section shall be deemed compliance with 40 CFR 60. 4205(a), (b), (c), (e), and (f), 4207(b), 4208, 4209(a), 4211(a)(l), (2) and (3), (c), (e), (f), and (g), 4214(b), and 4219.

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

E. National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart ZZZZ Requirements

1. Applicability

a. This Section is applicable to emergency ICEs engines marked as 'Yes' in NESHAP applicability Column in Table 2, Equipment List, Attachment "C".

b. Emergency stationary ICE means any stationary internal combustion engine whose operation is limited to emergency situations and required testing and maintenance.

[40 CFR 63.6675]

2. General Requirements

a. The Permittee shall be in compliance with the emission limitations, operating limitations, and other requirements at all times.

[40 CFR 63.6605(a)]

b. The Permittee shall operate and maintain at all times the engine including associated air pollution control equipment and monitoring equipment in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the Permittee to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Director which 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 source.

[40 CFR 63.6605(b)]

3. Operating Requirements

a. The Permittee shall operate the emergency generator according to the requirements in Conditions III.E.3.a(1) through III.E.3.a(3). In order for the engine to be considered an emergency stationary 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 III.E.3.a(1) through (3), is prohibited. If the Permittee does not operate the engine according to Conditions III.E.3.a(1) through (3), the engine will not be considered an emergency engine under this subpart and must meet all requirements for nonemergency engines.

[40 CFR 60.6640(f), and A.A.C. R18-2-1101.B.81]

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

[40 CFR 60.6640(f)(1)]

(2) 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. Maintenance checks and readiness testing of the engine is limited to no more than 100 hours per year. The Permittee may petition the Administrator and the Director for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the Permittee maintains records indicating that the Federal, State, or local standards require maintenance and testing beyond 100 hours per year. Copies of records shall be made available to ADEQ upon request.

[40 CFR 60.6640(f)(2) and A.A.C. R18-2-306.A.4]

(3) The Permittee may operate the emergency ICE up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing provided in Condition III.E.3.a(2).

[40 CFR 63.6640(t)(l)(iii)]

b. *The Permittee shall install a non-resettable hour meter on each ICE.*

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

c. The Permittee shall minimize the emergency ICEs time at idle during startup and minimize the 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)]

d. The Permittee shall comply with the following:

(1) The Permittee shall change the oil and filter every 500 hours of operation or within 1 year + 30 days of the previous

change, 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.

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

(2) The Permittee shall inspect air cleaner every 1,000 hours of operation or within 1 year + 30 days of the previous inspection, whichever comes first, and replace as necessary.

[40 CFR 63, Subpart ZZZZ, Table 2d]

(3) The Permittee shall inspect all hoses and belts every 500 hours of operation or within 1 year + 30 days of the previous inspection, whichever comes first, and replace as necessary.

[40 CFR 63, Subpart ZZZZ, Table 2d]

e. If the Permittee prefers to extend the oil change requirements specified in Condition III.E.3.d(1), an oil analysis program shall be performed. The analysis program must at a minimum analyze the following three parameters: Total Base Number, Viscosity and Water Content. The condemning limits for these parameters are as follows:

Total Base Number:	Changed less than 30 percent of total base number of oil when new;
Viscosity:	Changed more than 20 percent from the viscosity of oil when new;
Water Content:	Changed more than 0.5 percent by volume.

If all of the above limits are not exceeded, the Permittee is not required to change the oil. If any of the above limits are exceeded, the Permittee shall change the oil within 2 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 engine.

[40 CFR 63.6625(i)]

4. Recordkeeping and Reporting 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 include the date; start and stop times, 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(e)]

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 operating an existing emergency ICE subject to management practices in Condition III.E.3.d above, shall keep records of the maintenance conducted on the ICE in order to demonstrate that the ICE and after-treatment control device (if any) were operated and maintained in accordance with the Permittee's maintenance plan.

[40 CFR 63.6655(e)]

d. The Permittee shall, unless otherwise indicated, submit all reports required under this Attachment along with the annual compliance certification requirement specified in Attachment "A" of this general permit.

[40 CFR 63.6650(b)]

5. Compliance Requirement

The Permittee, for the emergency ICE subject to NSPS Subpart IIII, shall comply with the requirements of NESHAP ZZZZ by meeting requirements of NSPS Subpart IIII.

[40 CFR 63.6590(c)]

6. Permit Shield

Compliance with the Conditions of this Section shall be deemed compliance with 40 CFR 63.6590(c), 6595(a)(l), 6603(a), 63.6625(f), (h), and (i), 6640(f)(l)(ii) and (iii), 6650(b), 6655 (e) and (f), 6590(c), and 6675.

[A.A.C. RI8-2-325]

IV. NON-EMERGENCY INTERNAL COMBUSTION ENGINE (ICE) REQUIREMENTS

A. Applicability

This Section applies to the internal combustion engines listed in Attachment “C” as Gear Arrestor Engines

B. Emission Limitations and Standards

1. For 2007 or later model year and engine displacement less than 30 liters per cylinders emission standards for new CI engines in 40 CFR 60.4201 for their 2007 model year and later stationary CI ICE, as applicable.

[40 CFR 60.4204(b)]

2. The Permittee shall operate and maintain stationary CI ICE that achieve the emission standards as required in Condition IV.B.1 over the entire life of the engine.

[40 CFR 60.4206]

3. Permit Shield

Compliance with the Conditions of this Subsection shall be deemed compliance with 40 CFR 60.4204(b) and -60.4206.

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

C. Fuel Requirements

1. The Permittee shall only use diesel fuel that meets the requirements of 40 CFR 1090.305:

[40 CFR 60.4207(b) and 40 CFR 1090.305]

a. Sulfur Content: 15 ppm maximum; and

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

2. Permit Shield

Compliance with the Conditions of this Subsection shall be deemed compliance with 40 CFR 60.4207(b) and 1090.305(b)-(c).

D. Compliance Requirements

1. Permittee shall comply with the emission standards specified in Condition IV.B.1 and all of the following:

a. Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's emission-related written instructions;

[40 CFR 60.4211(a)(1)]

b. Change only those emission-related settings that are permitted by the manufacturer; and

[40 CFR 60.4211(a)(2)]

c. Meet the requirements of 40 CFR part 1068, as they apply. This includes but is not limited to, the following:

[40 CFR 60.4211(a)(3)]

(1) The Permittee shall not remove or render inoperative any device or element of design installed on or in engines in compliance with the regulations prior to its sale, and after such sale and delivery to the ultimate purchaser. This includes, for example, operating an engine without a supply of appropriate quality urea if the emission control system relies on urea to reduce NO_X emissions or the use of incorrect fuel or engine oil that renders the emission control system inoperative.

[40 CFR 1068.101(b)(1)]

(2) The Permittee shall not remove or alter an emission control information label or other required permanent label except as specified in 40 CFR 1068.101(b)(7).

[40 CFR 1068.101(b)(7)(i)]

2. If the stationary CI internal combustion engine is equipped with a diesel particulate filter to comply with the emission standards in Condition IV.B.1 the diesel particulate filter shall be installed with a backpressure monitor that notifies the owner or operator when the high backpressure limit of the engine is approached.

[40 CFR 60.4209(b)]

3. The Permittee shall comply with the emission standards specified in Condition IV.B.1 by purchasing an engine certified to the emission standards in Condition IV.B.1 for the same model year and maximum engine power. The engine must be installed and configured according to the manufacturer's emission-related specifications.

[40 CFR 60.4211(c)]

4. If the Permittee does not install, configure, operate, and maintain the engine(s) 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)]

a. If the Permittee operates a stationary CI internal combustion engine with maximum engine power less than 100 HP, the Permittee shall keep a maintenance plan and records of conducted maintenance to demonstrate compliance 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, if the Permittee does not install and configure 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 conduct an initial performance test to demonstrate compliance with the applicable emission standards within 1 year of such action.

[40 CFR 60.4211(g)(1)]

b. If the Permittee operates a stationary CI internal combustion engine greater than or equal to 100 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)]

c. If the Permittee operates a stationary CI internal combustion engine 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 the Permittee changes the 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)]

d. Performance tests required by Conditions IV.D.4.a through c shall be conducted in accordance with 40 CFR 60.4212.

[40 CFR 60.4212]

5. National Emission Standards for Hazardous Pollutants (NESHAP) Requirements

The Permittee shall meet the requirements of 40 CFR Part 63, Subpart ZZZZ by meeting the requirements of 40 CFR Part 60, Subpart IIII.

[40 CFR 63.6590(c)]

6. Permit Shield

Compliance with the Conditions of this Section shall be deemed compliance with 40 CFR 60.4211(a), -60.4209(b), -60.4211(c), -60.4211(g), -60.4214 and 40 CFR 63.6590(c).

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

E. Monitoring, Recordkeeping, and Reporting Requirements

1. If the stationary CI internal combustion engine is equipped with a diesel particulate filter, the Permittee shall keep records of any corrective action taken after the backpressure monitor has notified the Permittee that the high backpressure limit of the engine is approached.

[40 CFR 60.4214(c)]

2. Permit Shield

Compliance with the Conditions of this Section shall be deemed compliance with 40 CFR 60.4214(c).

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

V. PARTS WASHER

A. Applicability

This Section is applicable to the Parts Washers listed in Table 3, Equipment List, Attachment "C".

B. Gaseous Emission Limits and Standards

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

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

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

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

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

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

C. Permit Shield

Compliance with Conditions of this Section shall be deemed compliance with A.A.C. RI8-2-730.D, F, and G.

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

VI. F24 FUEL STORAGE TANK REQUIREMENTS

A. Applicability

This Section is applicable to the F24 Storage tanks listed in Table 3, Equipment List, Appendix “C.”

B. Emission Limitation

1. The Permittee shall not cause the emission of gaseous or odorous materials from equipment, operations or premises under his control in such quantities or concentrations as to cause air pollution.

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

2. Materials including solvents or other volatile compounds, acids, and alkalis utilized in the process 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 be discharged into the ambient air so as to cause or contribute to air pollution. Where means are available to reduce effectively the contribution to air pollution from evaporation, leakage, or discharge, the installation and use of such control methods, devices, or equipment shall be mandatory.

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

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

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

C. Monitoring and Recordkeeping Requirements

1. The Permittee shall keep readily accessible records showing the dimension of all F24 storage vessels and an analysis showing the capacity of each such vessel.

[40 CFR 60.116.b(b)]

2. The Permittee shall keep copies of the above records for the life of the storage vessels.

[40 CFR 60.116b(a)]

D. Permit Shield

1. Compliance with the Conditions of this Section shall be deemed compliance with A.A.C. R18-2-730.D, F, and G and 40 CFR 60.116(a) and (b).

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

VII. GASOLINE AND E85 STORAGE TANK, AND GASOLINE DISPENSING FACILITY REQUIREMENTS

A. Applicability

1. This Section applies to the following:

a. Gasoline Dispensing Facility (GDF), storage tanks at the fuel farm listed in Table 3, Equipment List, Attachment "C" and the associated equipment components in the vapor or liquid gasoline service. Pressure/vacuum vents on gasoline storage tanks and equipment necessary to unload product from cargo tanks into storage tanks at GDF. The equipment used for the refueling of motor vehicles is not covered.

[40 CFR 63.11111(a), (b), and (c) and 11112(a)]

b. Each gasoline cargo tank during the delivery of product to a GDF.

[40 CFR 63.11111(a)]

2. Definition of Monthly Throughput

Monthly throughput is the total volume of gasoline that is loaded into all gasoline storage tanks during a month. Monthly throughput is calculated by summing the volume of gasoline loaded into, or dispensed from, all gasoline storage tanks at each GDF during the current day, plus the total volume of gasoline loaded into, or dispensed from, all gasoline storage tanks at each GDF during the previous 364 days, and then dividing that sum by 12.

[40 CFR 63.11132]

B. Operating Limitations

1. Gasoline Dispensing Facilities

a. The Permittee shall not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following:

(1) Minimize gasoline spills;

(2) Clean up spills as expeditiously as practicable;

(3) Cover all open gasoline containers and all gasoline storage tank fill-pipes with a cover having a gasketed seal when not in use;

(4) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.

[40 CFR 63.11116(a) and 11117(a)]

b. Submerged Fill Pipes

The Permittee shall load gasoline into storage tanks by utilizing submerged filling.

(1) The submerged fill pipes installed on or before November 9, 2006, must be no more than 12 inches from the bottom of the storage tank.

[40 CFR 63.11117(b)(1)]

(2) The submerged fill pipes installed on or after November 9, 2006, must be no more than 6 inches from the bottom of the storage tank.

[40 CFR 63.11117(b)(2)]

(3) The Submerged fill pipes not meeting the specifications of paragraphs (b)(1) or (b)(2) of this section are allowed if the Permittee can demonstrate that the liquid level in the tank is always above the entire opening of the fill pipe. Documentation providing such demonstration must be made available for inspection by the Administrator's delegated representative during the course of a site visit.

[40 CFR 63.11117(b)(3)]

c. The Permittee shall have records available within 24 hours of a request by the Director to document the gasoline throughput.

[40 CFR 63.11117(d)]

d. If the GDF referenced above becomes subject to additional control measures in 40 CFR 63 Subpart CCCCCC, the Permittee shall comply with the applicable provisions within 3 years of the GDF unit becoming subject to the new control requirements.

[40 CFR 63.11113(c)]

e. If the monthly throughput of the GDF exceeds 100,000 gallons, the Permittee shall notify the Director within 120 days of such event.

[40 CFR 63.11124(b)(1)]

2. Storage Tanks

a. Gasoline and E85 storage tanks shall be equipped with a submerged filling device, or acceptable equivalent, for control of hydrocarbon emissions

[A.A.C. R18-2-710.B]

b. All pumps and compressors that handle gasoline or E85 shall be equipped with mechanical seals or other equipment of equal efficiency to prevent release of organic contaminants into the atmosphere

[A.A.C. R18-2-710.D]

C. Air Pollution Control Requirements

Stage I Vapor Recovery System

The Permittee shall for each GDF employ Stage I Vapor Recovery Systems(s) while transferring gasoline or E85 into storage tanks and shall comply with the applicable provisions of this Section.

1. *Storage tanks shall be equipped with a Stage I Vapor Recovery System consisting of a vapor-tight return line from the storage tank or its vent to the gasoline transport vehicle.*

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

2. The Permittee shall clearly identify the certified manufacturer or rebuilder of the Stage I Vapor Recovery System in a permanent manner.

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

D. Monitoring and Recordkeeping Requirement

1. The Permittee shall maintain a monthly record of the gasoline throughput for the GDF.

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

2. The Permittee shall have records available within 24 hours of a request by the Director documenting the gasoline throughput.

[40 CFR 63.11117(d)]

3. The Permittee shall, for the gasoline storage tanks, maintain a file of the typical Reid vapor pressure of gasoline stored and of dates of storage. Dates on which the storage vessel is empty shall be shown.

[A.A.C. R18-2-710.E.1]

4. If the gasoline is stored in a storage vessel other than one equipped with a vapor recovery system or its equivalent and the true vapor pressure is greater than 470 mm Hg (9.1 psia), the Permittee shall record the average monthly temperature, and true vapor pressure of gasoline at such temperature.

[A.A.C. R18-2-710.E.2.b]

5. The average monthly storage temperature shall be an arithmetic average calculated for each calendar month, or portion thereof, if storage is for less than a month, from bulk liquid storage temperature determined at least once every seven days.

[A.A.C. R18-2-710.E.3]

6. The true vapor pressure shall be determined by the procedures in American Petroleum Institute Bulletin 2517, amended as of February 1980 (and no future editions), which is incorporated herein by reference and on file with the Office of the Secretary of State. This procedure is dependent upon determination of the storage temperature and the Reid vapor pressure, which requires sampling of the petroleum liquids in the storage vessels. Unless the Director requires in specific cases that the stored petroleum liquid be sampled, the true vapor pressure may be determined by using the average monthly storage temperature and the typical Reid

vapor pressure. For those liquids for which certified specifications limiting the Reid vapor pressure exist, the Reid vapor pressure may be used. For other liquids, supporting analytical data must be made available upon request to the Director when typical Reid vapor pressure is used.

[A.A.C. R18-2-710.E.4]

E. Notification Requirements

The Permittee must submit the applicable notifications as required under 40 CFR 63.111124(a).

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

F. Permit Shield

Compliance with the Conditions of this Section shall be deemed compliance with 40 CFR 63.11111(a), (b), and (c), 63.11112(a), 63.11113(c), 63.11116(a), 63.11117(a), (b)(1), (b)(2), (b)(3), and (d), 63.11124(b)(1), 63.11132, and A.A.C. R18-2-710.B, D, E.1, E.2.b, E.3, and E.4.

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

VIII. FACILITY-WIDE HAZARDOUS AIR POLLUTANT REQUIREMENTS

A. Emission Limitations

The Permittee shall operate in such a manner as to limit the total emissions of federally listed Hazardous Air Pollutants (HAPs) to no more than 9 tons in any 12-month rolling basis of any single HAP and to no more than 22.5 tons in any 12-month rolling basis of any combination of HAPs from all emission units within the MCAS Yuma fenceline regardless of NAICS code designations. Any changes that affect HAP emissions within the MCAS Yuma fenceline shall be evaluated on a facility wide basis, and not on permit-specific basis.

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

B. Monitoring and Recordkeeping Requirements

[A.A.C. R18-2-306.01]

1. For each location at the facility where a HAP-containing material is used, the Permittee shall record the following information:

   a. Type and name of material used; and

   b. Location where material is used.

2. The Permittee shall keep records of the daily usage of all solvents, paints, or of other HAP-containing materials.

3. On a monthly basis, the Permittee shall determine the facility-wide total of HAP-containing materials used. If this usage exceeds the maximum monthly HAP-containing material usage from the previous calendar year

by more than 25 percent, the Permittee shall perform mass balance for all HAP-containing materials for that month to demonstrate compliance with the HAP limits listed in Condition VIII.A.

4. On an annual basis, the Permittee shall perform mass balances for all HAP-containing materials to demonstrate compliance with the HAP limits listed in Condition VIII.A.

C. Reporting Requirements

The Permittee shall submit a summary of the records required in Condition VIII.B to the Director as part of the annual compliance certification required by Section VII of Attachment "A".

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

IX. 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 and Streets, Storage Piles, and Material Handling

1. Emission Limitations and Standards

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

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

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

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

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

(2) Keep dust to a minimum from driveways, parking areas, and vacant lots where motor vehicular activity occurs by using an approved dust suppressant, or adhesive soil stabilizer,

or by paving, or by barring access to the property, or by other acceptable means;

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

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

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

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

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

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

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

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

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

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

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

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

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

2. Monitoring and Recordkeeping Requirements

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

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

b. Opacity Monitoring Requirements

Each month, the Permittee shall monitor visible emissions from fugitive sources in accordance with Condition I.A of Attachment "B".
[A.A.C. R18-2-306.A.3.c]

C. Permit Shield

Compliance with the Conditions of this Section shall be deemed compliance with A.A.C. R18-2-604. -605, -606, 607, and -614.
[A.A.C. R18-2-325]

X. OTHER PERIODIC ACTIVITIES

A. Abrasive Blasting

1. Particulate Matter and Opacity

a. Emission Limitations and Standards

The Permittee shall not cause or allow sandblasting or other abrasive blasting without minimizing dust emissions to the atmosphere through the use of good modern practices. Good modern practices include:
[A.A.C. R18-2-726]

(1) Wet blasting;

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

(3) Any other method approved by the Director.

b. Opacity

The Permittee shall not cause, allow or permit visible emissions from sandblasting or other abrasive blasting operations in excess of 20% opacity.
[A.A.C. R18-2-702.B.3]

2. Monitoring and Recordkeeping Requirements

Each time an abrasive blasting project is conducted, the Permittee shall make a record of the following:
[A.A.C. R18-2-306.A.3.c]

a. The date the project was conducted;

b. The duration of the project; and

c. Type of control measures employed.

3. Permit Shield

Compliance with the Conditions of this Section 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 X.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 X.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 X.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 X.B.1.b(1).

c. Permit Shield

Compliance with the 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. Permit Shield

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

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

C. Demolition/Renovation - Hazardous Air Pollutants

1. Emission Limitation and Standard

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

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

2. Monitoring and Recordkeeping Requirement

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

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

3. Permit Shield

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

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

ATTACHMENT "C": EQUIPMENT LIST

TABLE 1: BOILERS, HEATERS, FURNACES, AND INFRARED HEATERS

EQUIPMENT							APPLICABILITY OF	
TYPE	CAPACITY, MMBtu/hr	MAKE	MODEL	SERIAL NUMBER	ID NUMBER	MANUFACTURE DATE	NSPS	NESHAP
BOILER - HT/HW	0.199	BRUTE ELITE	BNTV199NXN3	G14325046	100	2014	No	No
BOILER HT/HW	0.199	LAARS NEOTHERM	NTV199NXN3	G14278410	101	2014	No	No
IR HEATER	1.200	REZNOR	VP1N60ASN	BM146780X	800	2014	No	No
BOILER HT/HW	0.199	LAARS NEOTHERM	NTV199NXN3	G14278431	102	2014	No	No
BOILER HT/HW	0.199	LAARS NEOTHERM	NTV199NXN3	G21471761	103	2021	No	No
IR HEATER	1.200	REZNOR	VP1N60ASN	BM632736X	801	2014	No	No
WATER HEATER	0.400	AO SMITH	BTH400A100	1138M000924	200	2011	No	No
WATER HEATER	0.400	AO SMITH	BTH400A100	1207M000790	201	2012	No	No
IR HEATER	0.480	AMBIRAD	ARC18LR	101117430505	802	2011	No	No
IR HEATER	0.600	AMBIRAD	ARC24LR	101117430531	803	2011	No	No
WATER HEATER	0.400	AO SMITH	BTH400A100	1138M000923	202	2011	No	No
WATER HEATER	0.400	AO SMITH	BTH400A100	1138M000178	203	2011	No	No
IR HEATER	0.480	AMBIRAD	ARC18LR	1101117430528	804	2011	No	No
IR HEATER	0.600	AMBIRAD	ARC24LR	1101117430533	805	2011	No	No
IR HEATER	0.179	Space-Ray	CB20-N5	727162	806	2013	No	No
WATER HEATER	0.078	AO SMITH	BTH-250A 300	2041121320945	204	2020	No	No

EQUIPMENT							APPLICABILITY OF	
TYPE	**CAPACITY, MMBtu/hr**	**MAKE**	**MODEL**	**SERIAL NUMBER**	**ID NUMBER**	**MANUFACTURE DATE**	**NSPS**	**NESHAP**
WATER HEATER	0.078	AO SMITH	BTH-250A 300	2207128228013	205	2022	No	No
WATER HEATER	0.078	AO SMITH	BTH-250A 300	2034120626160	206	2020	No	No
WATER HEATER	0.150	AO SMITH	BTH-150300	1746108246054	207	2017	No	No
WATER HEATER	0.150	AO SMITH	BTH-150300	1746108246055	208	2017	No	No
WATER HEATER	0.200	AO SMITH	BTH-199300	1809109475712	209	2018	No	No
WATER HEATER	0.200	AO SMITH	BTH-199300	1809109475716	210	2018	No	No
BOILER - HEAT	0.285	LOCHINVAR	KBN286	A14H10290193	104	2014	No	No
WATER HEATER	0.040	WHIRLPOOL	BFG1H5040T3NOV	0838T416337	211	2002	No	No
BOILER - HT/HW	0.105	LAARS NEOTHERM	NTH105NXN3	G14278362	105	2014	No	No
WATER HEATER	0.100	AO SMITH	BTX-100300	2218129388465	212	2022	No	No
BOILER - HEAT	0.400	LOCHINVAR	KBN400	1712105377098	106	2017	No	No
WATER HEATER	0.100	AO SMITH	BTXL-100140	1716105857112	213	2017	No	No
BOILER - HEAT	0.999	LOCHINVAR	FBN1001	2004117828861	107	2019	No	No
BOILER - HEAT	0.600	LOCHINVAR	FTX600N	2007118122092	108	2019	No	No
WATER HEATER	0.078	AO SMITH	BTH-199 300	2145126922604	214	2015	No	No
WATER HEATER	0.315	LOCHINVAR	HVX90-150	F14J00264591	215	2015	No	No

EQUIPMENT							APPLICABILITY OF	
TYPE	**CAPACITY, MMBtu/hr**	**MAKE**	**MODEL**	**SERIAL NUMBER**	**ID NUMBER**	**MANUFACTURE DATE**	**NSPS**	**NESHAP**
IR HEATER	1.800	ROBERTS-GORDON	CRV B-10	1402-027-100-0036	807	2013	No	No
BOILER -HW	0.399	LAARS NEOTHERM	NTH399NXN3	G13261293	109	2013	No	No
WATER HEATER	0.040	RHEEM	PROPG38-40N RH69 PD	Q062164072	216	2021	No	No
WATER HEATER	0.040	RHEEM	PROG50-40NRH62	M391916646	217	2019	No	No
BOILER - HEAT	0.500	LOCHINVAR	KBN501	H12H10217176	110	2013	No	No
WATER HEATER	0.156	RHEEM	G82-156	A201903338	218	2019	No	No
BOILER - HEAT	0.399	LOCHINVAR	KBN400	H12H10230393	111	2013	No	No
BOILER -HW	0.150	LOCHINVAR	KBN151	H12H10225796	112	2013	No	No
WATER HEATER	0.040	AO SMITH	GCR-40400	1707105036453	219	2017	No	No
BOILER - HT/HW	0.285	LAARS	NTH285NXN3	G14307838	113	2014	No	No
BOILER - HT/HW	0.285	LAARS	NTH285NXN3	G14307858	114	2014	No	No
BOILER - HEAT	0.650	RAYPAK	H3-0652B	1008313126	115	2010	No	No
BOILER - HEAT	0.650	RAYPAK	H3-0652C	1801457756	116	2018	No	No
BOILER - HEAT	0.200	LOCHINVAR	KHB199N	1838111884761	117	2018	No	No
BOILER - HEAT	0.200	LOCHINVAR	KHB199N	1839111968092	118	2018	No	No
BOILER - HEAT	0.200	LOCHINVAR	KHB199N	1838111884734	119	2018	No	No

EQUIPMENT							APPLICABILITY OF	
TYPE	**CAPACITY, MMBtu/hr**	**MAKE**	**MODEL**	**SERIAL NUMBER**	**ID NUMBER**	**MANUFACTURE DATE**	**NSPS**	**NESHAP**
WATER HEATER	0.120	AO SMITH	BTH120A100	1149M000738	220	2011	No	No
WATER HEATER	0.040	AO SMITH	GVR40 300	1434J002499	221	2014	No	No
WATER HEATER	0.038	VANGUARD	5AU69	VGLNQ431305966	222	2013	No	No
WATER HEATER	0.300	RHEEM	G72-300A	A451902989	223	2019	No	No
BOILER - HEAT	0.399	LOCHINVAR	KBN400	3015101823257	120	2015	No	No
WATER HEATER	0.200	BRADFORD WHITE	EF100T199E3N2	HM15900959	224	2014	No	No

TABLE 2: EMERGENCY INTERNAL COMBUSTION ENGINES (ICEs) AND GEAR ARRESTOR ENGINES

EQUIPMENT							HOURS OF OPERATION	APPLICABILITY OF	
TYPE	**CAPACITY, HP**	**MAKE**	**MODEL**	**SERIAL NUMBER**	**ID NUMBER**	**MANUFACTURE DATE**		**NSPS**	**NESHAP**
EMERGENCY ICE	315	JOHN DEERE	6068HFG85	PE6068L917796	300	2013	500	Yes	Yes
EMERGENCY ICE	315	JOHN DEERE	6068HFG85	PE6068L917800	301	2013	500	Yes	Yes
EMERGENCY ICE	286	JOHN DEERE	6068HF485	PE6068L200888	302	2012	500	Yes	Yes
EMERGENCY ICE	286	JOHN DEERE	6068HF485	PE6068L200882	303	2012	500	Yes	Yes
EMERGENCY ICE (FL)	755	CUMMINS	QSX15-G9	79497909	304	2011	1000	Yes	Yes
EMERGENCY ICE (FL)	415	Detroit D.	60, Family: 4DDXL12.7 VGD	06R0809992	305	2004	1000	No	Yes

EQUIPMENT							HOURS OF OPERATION	APPLICABILITY OF	
TYPE	CAPACITY, HP	MAKE	MODEL	SERIAL NUMBER	ID NUMBER	MANUFACTURE DATE		NSPS	NESHAP
EMERGENCY ICE (FL)	550	Detroit D.	6063TK35	06R0577636	306	2000	1000	No	Yes
EMERGENCY ICE	364	CUMMINS	QSL9-G2 NR3	73550984	307	2013	500	Yes	Yes
EMERGENCY ICE	385	JOHN DEERE	6090HF484	RG6090L100592	308	2011	500	Yes	Yes
EMERGENCY ICE	385	JOHN DEERE	6090HF484	RG6090L100583	309	2011	500	Yes	Yes
EMERGENCY ICE	145	CUMMINS	QSB5-G3 NR3	73364708	310	2012	500	Yes	Yes
EMERGENCY ICE	324	CUMMINS	QSB7-G5 9R3	73428170	311	2012	500	Yes	Yes
EMERGENCY ICE (FL)	220	JOHN DEERE	6068HF275	PE6068H430893	312	2005	1000	No	Yes
EMERGENCY ICE (FL)	64	JOHN DEERE	3029TF150	PE3029T225491	313	2002	1000	No	Yes
EMERGENCY ICE (FL)	64	JOHN DEERE	3029TF150	PE3029T217153	314	2002	1000	No	Yes
EMERGENCY ICE (FL)	220	JOHN DEERE	6068HF275	PE6068H411366	315	2004	1000	No	Yes
EMERGENCY ICE (FL)	757	Volvo	TAD1631GE	2160052609	316	2005	1000	No	Yes
GEAR ARRESTING ENGINE	74	Duetz	TD 2.9 L4	13274512	400	2025	Total of 1,500 for all eight gear arrestor engines combined	Yes	Yes
GEAR ARRESTING ENGINE	74	Duetz	TD 2.9 L4	13278651	401	2025		Yes	Yes
GEAR ARRESTING ENGINE	74	Duetz	TD 2.9 L4	13278649	402	2025		Yes	Yes

EQUIPMENT							HOURS OF OPERATION	APPLICABILITY OF	
TYPE	CAPACITY, HP	MAKE	MODEL	SERIAL NUMBER	ID NUMBER	MANUFACTURE DATE		NSPS	NESHAP
GEAR ARRESTING ENGINE	74	Duetz	TD 2.9 L4	13278643	403	2025		Yes	Yes
GEAR ARRESTING ENGINE	74	Duetz	TD 2.9 L4	13278637	404	2025		Yes	Yes
GEAR ARRESTING ENGINE	74	Duetz	TD 2.9 L4	13278639	405	2025		Yes	Yes
GEAR ARRESTING ENGINE	74	Duetz	TD 2.9 L4	13278630	406	2025		Yes	Yes
GEAR ARRESTING ENGINE	74	Duetz	TD 2.9 L4	13278645	407	2025		Yes	Yes

TABLE 3: MISCELLANEOUS EQUIPMENT

EQUIPMENT							APPLICABILITY OF	
TYPE	CAPACITY	MAKE	MODEL	SERIAL NUMBER	ID NUMBER	MANUFACTURE DATE	NSPS	NESHAP
BOOTH COATING	1000 GAL	COLMET	ECC-14-09-26-N-SB-S	JOB00055653-01	519	2017	No	No
BOOTH COATING	1000 GAL	Standard Tools and Equipment Co.	BSB-1000-58	N/A	520	2023	No	No
BLAST CABINET	68 LBS/HR	CLEMCO INDUSTRIES	PULSAR 6PE	Z56299	514	2014	No	No

EQUIPMENT							APPLICABILITY OF	
TYPE	**CAPACITY**	**MAKE**	**MODEL**	**SERIAL NUMBER**	**ID NUMBER**	**MANUFACTURE DATE**	**NSPS**	**NESHAP**
BLAST CABINET	170 LBS/HR	RAPTOR BLASTER	RB5446	4623	515	N/A	No	No
BLAST CABINET	171 LBS/HR	CLEMCO INDUSTRIES	PULSAR VI-P	Z56310	516	2016	No	No
BLAST CABINET	171 LBS/HR	CLEMCO INDUSTRIES	PULSAR VI-P	Z56311	517	2016	No	No
BLAST CABINET	63 LBS/HR	ECONOLINE	RA48X48CN	081748X48CB	518	2017	No	No
PARTS WASHER	35 GAL	Gray Mills	TC2420LP-B	220002	500	2012	No	No
PARTS WASHER STRIP TANK	455 GAL	Automated Cleaning Technologies	ACT STR6H Stripper	ACT4712-01	501	2019	No	No
PARTS WASHER	25 GAL	Gray Mills	A-40455-A	237574-054	502	N/A	No	No
PARTS WASHER	25 GAL	Gray Mills	A-40455-A	237574-105	503	N/A	No	No
PARTS WASHER	25 GAL	Gray Mills	TL-17	500-4531	504	N/A	No	No
PARTS WASHER	35 GAL	Clarus	PCS-10	SPW-0043	505	2012	No	No
PARTS WASHER	50 GAL	Local Manufactured	Local Manufactured	SS000284	506	2003	No	No
PARTS WASHER	20 GAL	Safety Kleen	33	33015709	507	2001	No	No
PARTS WASHER	25 GAL	Gray Mills	A42618-A	285584-03	508	N/A	No	No
PARTS WASHER	25 GAL	Gray Mills	A42618-A	285584-05	509	N/A	No	No
PARTS WASHER	25 GAL	Gray Mills	N/A	26023338534-02	510	N/A	No	No

EQUIPMENT							APPLICABILITY OF	
TYPE	**CAPACITY**	**MAKE**	**MODEL**	**SERIAL NUMBER**	**ID NUMBER**	**MANUFACTURE DATE**	**NSPS**	**NESHAP**
PARTS WASHER	15 GAL	Gray Mills	720C36	HLF79315	511	2018	No	No
PARTS WASHER STRIP TANK	312 GAL	Automated Cleaning Technologies	ACT STR 4hx/stripper	ACT471701	512	2020	No	No
PARTS WASHER	40 GAL	Gray Mills	902-A	EX76-A-07	513	2009	No	No
F24 STORAGE TANK	1,052,982 GAL	N/A	N/A	N/A	312	1955	No	No
F24 STORAGE TANK	210,000 GAL	N/A	N/A	N/A	336	2007	No	No
F24 STORAGE TANK	210,000 GAL	N/A	N/A	N/A	337	2007	No	No
GASOLINE STORAGE TANK	12,023 GAL	N/A	N/A	N/A	367	1996	No	No
GASOLINE STORAGE TANK	12,022 GAL	N/A	N/A	N/A	368	1996	No	No
E85 STORAGE TANK	11,732 GAL	N/A	N/A	N/A	370	1996	No	No

*N/A = Not Available