U. S. Air Force
Tyndall Air Force Base
Facility ID No.: 0050024
Bay County

Federally Enforceable State Operating Permit
Permit No.: 0050024-014-AF

Permitting and Compliance Authority:
Department of Environmental Protection
Northwest District Waste Management/Air Resources Program
160 W. Government Street, Suite 308
Pensacola, Florida 32502-5740
Telephone: 850.595.8300
Fax: 850.595.8393

April 8, 2014

Federally Enforceable State Operating Permit
Permit No.: 0050024-014-AF

Table of Contents

Section **Page Number**

Placard Page 1

I. Facility Information 2
- A. Facility Description.
- B. Summary of Emissions Unit ID No(s). and Brief Description(s).
- C. Relevant Documents.

II. Facility-wide Conditions 3

III. Emissions Unit(s) and Conditions
- A. 010 Paint Booths 6
- B. 011 Fuel Fill Stands..... 7
- C. 013 Jet Engine Testing 8
- D. 015 Fuel Tanks..... 9
- E. 016 Boilers ……..... 10

Appendices
- Appendix G-1, General Conditions
- Appendix T-1, Time Sensitive Action Chart

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
160 West Government Street, Suite 308
Pensacola, Florida 32502-5794

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

April 8, 2014

Permittee:
U. S. Air Force
Tyndall Air Force Base

Permit No.: 0050024-014-AF
Facility ID No.: 0050024
SIC No(s).: 9711
Project: Federally Enforceable State Operating Permit

This permit is for the operation of the U. S. Air Force, Tyndall Air Force Base located at 119 Alabama Avenue, Tyndall Air Force Base, Bay County; UTM Coordinates: Zone 16, 635.9 km East and 3327.3 km North; Latitude: 30° 03' 21" North and Longitude: 85° 35' 31" West.

STATEMENT OF BASIS: This Federally Enforceable State Operating Permit (FESOP) is issued under the provisions of Chapter 403, Florida Statutes (F.S.) and Florida Administrative Code (F.A.C.) Chapters 62-4 and 62-210. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Effective Date: April 8, 2014
Renewal Application Due Date: May 1, 2015
Expiration Date: June 30, 2015

_____/s/_____
J. Charles Harp
Program Administrator
Waste Management/Air Resources

JCH/dm/m

Section I. Facility Information.

This is a revision of Federally Enforceable State Operating Permit (FESOP) 0050024-010-AF, effective June 30, 2010, which incorporates Permits 0050024-011-AC (installation of three 2 MMBtu/hr boilers) and 0050024-012-AC (installation of ten new boilers and removal of ten boilers). This permit revision also includes description changes to the air pollution control equipment for the painting operations of emissions unit (EU) 010, and universally updates the references of "JP-8" to "jet fuel" in EU011, EU013, and EU015. Construction under permits 0050024-009-AC and 0050024-013-AC is not complete and is not incorporated into this permit revision.

Subsection A. Facility Description.

This facility consists of activities and operations related to national security. Several of the activities generate air pollutant emissions. These activities include surface preparation and coating; gas, diesel and jet fuel storage tanks; fuel transfers; jet engine testing; and fossil fuel boilers.

This facility has requested facility-wide emissions limits of 90 ton per year for carbon dioxide (CO), sulfur dioxide (SO_2) and nitrogen oxides (NO_X); 80 ton per year for volatile organic compounds (VOC); and 8 and 21 tons per year for individual and total hazardous air pollutants (HAP) to avoid being a major source with respect to Title V.

Also included in this permit are miscellaneous exempt emissions units and/or activities.

Based on the permit application received February 21, 2014, this facility is not a major source of hazardous air pollutants (HAP).

Subsection B. Summary of Emissions Unit ID No(s). and Brief Description(s).

E.U. ID No.	Brief Description
010	Paint Booths
011	Fuel Fill Stands
013	Jet Engine Testing
015	Fuel Tanks
016	Boilers

Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

These documents are on file with permitting authority:
Permit Application received February 21, 2014
Additional Information Request dated February 24, 2014
Additional Information Response received April 2, 2014

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. All listed Appendices are part of this permit.

2. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants that cause or contribute to an objectionable odor. [Rule 62-296.320(2), F.A.C.]

3. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C. [Rules 62-296.320(4)(b)1. & 4., F.A.C.]

4. Special Compliance Tests. When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standards contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests that identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department. Notification of compliance testing and completed test reports may be submitted by electronic mail to nwdair@dep.state.fl.us. [Rule 62-297.310(7)(b), F.A.C.]

5. Asbestos. This permit does not authorize any demolition or renovation of the facility or its parts or components which involves asbestos removal. This permit does not constitute a waiver of any of the requirements of Chapter 62-257, F.A.C., and 40 CFR 61, Subpart M, National Emission Standard for Asbestos, adopted and incorporated by reference in Rule 62-204.800, F.A.C. Compliance with Chapter 62-257, F.A.C., and 40 CFR 61, Subpart M, Section 61.145, is required for any asbestos demolition or renovation at the source. [40 CFR 61; Rule 62-204.800, F.A.C.; and, Chapter 62-257, F.A.C.]

6. Annual Operating Report. An Annual Operating Report for Air Pollutant Emitting Facility [Including Title V Source Emissions Fee Calculation], DEP Form 62-210.900(5), shall be submitted for each year by April 1 of the following year. A copy of the form and instructions may be obtained from the Department's Northwest District office or electronically at http://www.dep.state.fl.us/air/rules/forms/aor.htm. If the report is submitted using the Department's electronic annual operating report software, there is no requirement to submit a copy to any DEP or local air program office. [Rule 62-210.370(3)(c), F.A.C.]

7. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. No emission control devices or systems are ordered at this time. [Rule 62-296.320(1), F.A.C.]

8. Unconfined Particulate Matter. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction, alteration, demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include:

a) Paving and maintenance of roads, parking areas and yards.

b) Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
c) Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
d) Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
e) Landscaping or planting of vegetation.
f) Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
g) Confining abrasive blasting where possible.
h) Enclosure or covering of conveyor systems.

[Rule 62-296.320(4)(c), F.A.C.]

9. Renewal Application. Sixty days prior to the expiration date of this operation permit, the permittee shall submit a permit renewal application using the current version of the renewal form along with the processing fee established in Rule 62-4.050(4), F.A.C., to the Northwest District office of the Department. You can obtain a permit application form or apply for permit renewal electronically at the following web address: http://www.dep.state.fl.us/air/rules/forms/application.htm. [Rule 62-4.090, F.A.C.]

10. Notifications and Reports. The permittee shall submit all compliance related notifications and reports required by this permit to the Department's Northwest District office.

Department of Environmental Protection
Northwest District Waste Management/Air Resources Program
160 W. Government Street, Suite 308
Pensacola, Florida 32502-5740
Telephone: 850.595.8300; Fax: 850.595.8393

Notification of compliance testing and completed test reports may be submitted by electronic mail to nwdair@dep.state.fl.us. A copy of all compliance related notifications shall be sent to the Northwest District Branch Office in Panama City at 470 Harrison Ave, Panama City FL 32401 or by electronic mail to epost_nwdpcbo@dep.state.fl.us.

11. Emergencies. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is 850.595.8300, day or night, and for emergencies involving a significant threat to human health or the environment is 800.320.0519. For routine business, telephone 850/595-8300 during normal working hours. [Rules 62-210.700 and 62-4.130, F.A.C.]

12. Facility Emissions Caps. The following facility-wide limits were requested by Permittee in 1999 and have been established as Federally Enforceable by Federally Enforceable State Operating Permit (FESOP) 0050024-006-AF. The following maximum operating limits are applicable to the facility:

Carbon Monoxide (CO)	90 tons/year
Sulfur Dioxide (SO_2)	90 tons/year
Volatile Organic Compounds (VOC)	80 tons/year
Nitrogen Oxides (NOx)	90 tons/year
Hazardous Air Pollutants (HAP)	8/21 tons/year (single/total)

[Federally Enforceable State Operating Permit 0050024-006-AF]
{Permitting Note: The facility is a natural minor source for Particulate Matter.}

13. Recordkeeping. To provide assurance that the facility wide emission limits are not exceeded, the environmental office shall maintain an appropriate recordkeeping system throughout the facility to identify, track and quantify materials and activities in use at the facility that generate emission limited air pollutants. In addition, each quarter the environmental office will quantify the cumulative annual total emissions for each specified pollutant for comparison with the annual limits. If by the end of the third quarter the emissions of any such pollutant exceed 50% of its annual maximum allowable limit, recordkeeping shall revert to a monthly frequency. Subsequent to the end of each year, quarterly recordkeeping may again be resumed and the quantities shall be set to zero. Supporting documentation shall be kept as needed to support the calculations for determining emission levels. This information shall be available for inspection no later than 40 days following the end of each recording period. These records shall be made available to the Department upon request and shall be maintained for at least five years. [Rule 62-4.070(3), F.A.C.]

14. Source Obligation.

a) At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by virtue of a relaxation in any enforceable limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction on hours of operation, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

b) At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by exceeding its projected actual emissions, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

[Rule 62-212.400(12), F.A.C.]

Section III. Emissions Unit(s) and Conditions.

Subsection A. This section addresses the following emissions unit(s).

E.U. ID No.	Brief Description
010	Paint Booths

This emissions source consists of the following nine existing spray paint booths: (156-PB1, 295-PB1and 295-PB2 (LO/CR, Low Observable/Composite Repair), 315-PB1 (aircraft booth), 315-PB2, 560-PB1, 934-PB1, 1134-PB1, and 9710-PB1). Minor sanding and touchup painting operations which are currently being done in the paint booths are being moved to a hangar with emissions controlled through the use of a new Portable Air Pollution Control Equipment (PAPCE) system. This system will use particulate filters and carbon adsorption to capture fugitive emissions generated by the touchup process. This new system will not result in an increase in emissions because painting operations will not be increased when the operations are moved to the hangar.

Solvent free paint removal operations (exempt from construction permitting by DEP letter of 04/21/2011) occur inside the existing paint booths and have an estimated PM emissions of 10.1 pounds per year.

Two new LO/CR paint booths, identified as 280-PB1 and 280-PB2 in Hangar 4, and their associated reheat burners are not incorporated into this revision. The two new paint booths must be tested to demonstrate initial compliance with the General Visible emissions (VE) standards, as stated in Permit 0050024-013-AC. A new paint booth located in Building 186 was constructed without a permit and is not incorporated into this revision (see file memo dated 3/25/2014). Facility is preparing an after-the-fact construction permit application.

Particulate matter for the paint booths is controlled by filters, while Volatile Organic Compounds (VOCs) are emitted uncontrolled. Total VOCs are subject to a facility-wide limit. These emissions units are not regulated by any emissions unit specific requirements. Therefore, the VE testing requirement every permit cycle was removed with Permit 0050024-013-AC and has been removed in this permit revision. However, this emissions unit is subject to Rule 62-296.320(4)(b)1, F.A.C. - General VE Standard, and Rule 62-296.320(1), F.A.C. - General Pollutant Emission Limiting Standards for VOC Emissions and Organic Solvents Emissions.

The following specific conditions apply to the emissions unit(s) listed above:

Essential Potential to Emit (PTE) Parameters

A.1. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year. [Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards
{Permitting Note: No unit-specific emission limitations are applicable to this emissions unit. Instead, this emissions unit is subject to facility-wide limitations as contained in Section II.}

Test Methods and Procedures
{Permitting Note: Permit 0050024-013-AC removed the 5 year VE testing requirement. However, the two new LO/OCR booths, 280-PB1 and 280-PB2, of Permit 0050024-013-AC, must have an initial VE test.}

Recordkeeping and Reporting Requirements

A.2. Recordkeeping shall include maintaining a logbook to document significant pollution control equipment failures, repair actions, and routine maintenance of each booth (i.e., replacement of filters, etc.). These records shall be made available to the Department upon request and shall be maintained for at least five years from the date of recording. [Rule 62-4.070(3), F.A.C.]
{Permitting Note: This emission unit must also maintain records as required in Section II.}

Subsection B. This section addresses the following emissions unit

EU I.D.	Brief Description
011	Fuel Fill Stands

The three fuel fill stands located in the 400 area of Tyndall Air Force Base are used to transfer fuel between tank trucks and storage tanks. Diesel, jet fuel and gasoline are all handled at this activity. Air emissions are composed of VOCs and HAP, which are emitted uncontrolled. This emissions unit is not subject to any unit specific requirements. Limits on the annual quantity of fuels transferred were established by permit 0050024-003-AC to escape Title V.

The following specific conditions apply to the emissions unit listed above:

Essential Potential to Emit (PTE) Parameters

B.1. Capacity: The annual quantity of jet fuel transferred shall not exceed 300 million gallons; the annual quantity of diesel and gasoline transferred shall not exceed 2.4 million gallons, each. [Rules 62-4.070(3), and 62-210.200(PTE), F.A.C., and permit 0050024-003-AC for TV avoidance]

B.2. Hours of Operation: This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year. [Rules 62-4.070(3), and 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards
{Permitting Note: No unit-specific emission limitations are applicable to this emissions unit. Instead, this emissions unit is subject to facility-wide limitations as contained in Section II.}

Test Methods and Procedures
{Permitting Note: No routine testing is required for this emissions unit.}

Recordkeeping and Reporting Requirements

B.3. The environmental office shall maintain appropriate recordkeeping for Fuel Fill Stand operations. The information recorded shall demonstrate that the facility is complying with the annual limits on fuels as stipulated above. Fuel transfer quantities shall be compiled on a quarterly basis. If the transfer quantities for any of the fuels exceed 50 % of the annual maximum allowables at the end of the third quarter, the permittee shall revert to a monthly schedule of recordkeeping for all fuels. Upon each anniversary date of this permit, all recordkeeping shall recommence. These records shall be maintained for at least five years from the date of recording and shall be available for inspection by personnel of the Department no later than 40 days following each data collection period. [Rule 62-4.070(3), F.A.C.]
{Permitting Note: This emission unit must also maintain records as required in Section II.}

Subsection C. This section addresses the following emissions unit

EU I.D.	Brief Description
013	Jet Engine Testing

Jet Engine testing is done both in Building 258 (258-JET-1) and in Building 325 (325-JET-1). 258-JET-1 is Model No. 281317, manufactured by Air Research Manufacturer of Phoenix, AZ. Engines tested at 258-JET-1 are JFS 190 or their equivalents. The F-15 training in Building 258 was scheduled to be retired before the end of the permit renewal cycle for Permit 0050024-010-AF and once the F-15 are done there will be no auxiliary jet engine testing in Building 258. 325-JET-1 is Model No. A/F 37T-10, manufactured by Environmental Elements Corp., of Baltimore, MD. Engines tested at 325-JET-1 are F100-PW-100 or their equivalents. This emissions unit is not regulated by any unit specific regulation. This emissions unit is not subject to the Engine Testing MACT since the facility is not a major source.

The following specific conditions apply to the emissions unit listed above:

Essential Potential to Emit (PTE) Parameters

C.1. Capacity: Test Stand 258-JET-1 is limited to a maximum 400 tests per year. Test Stand 325-JET-1 is limited to a maximum 450 tests per year. [Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

C.2. Methods of Operation - (i.e., Fuels): All tests are conducted using jet fuel. [Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

C.3. Hours of Operation: This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year. [Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards
{Permitting Note: No unit-specific emission limitations are applicable to this emissions unit. Instead, this emissions unit is subject to facility-wide limitations as contained in Section II.}

Test Methods and Procedures
{Permitting Note: No routine testing is required for this emissions unit.}

Recordkeeping and Reporting Requirements

C.4. Engine Test Records. Permittee shall keep records of all engine tests. These records shall be sufficient to support calculations for all emissions subject to the facility wide pollutant limits. For 258-JET-1, actual time in each power mode is recorded. For 325-JET-1, the standard test profile is defined as 60 minutes in idle power mode, 10 minutes in approach mode, 30 minutes in military power and five minutes in afterburner. For JFS 190 and F100-PW-100 engines (or their equivalents) tested at the power settings and for periods equal to or less than the times defined in the standard test profile defined above, only engine type and number of tests need be recorded. For any other engine type or for any test that either uses different power settings or exceeds the periods at each power setting defined by the standard test profile, the engine type and time at each power setting shall be recorded to provide a basis for calculating emissions. Emission calculations shall be accomplished according to the schedule provided in the facility wide Recordkeeping specific condition found in Section II. of this permit. All records shall be retained for five years and be available for inspection by Department personnel upon request. [Rule 62-4.070(3), F.A.C.]

Subsection D. This section addresses the following emissions unit

EU I.D.	**Brief Description**
015	Fuel Tanks

This emissions unit is composed of 8 storage tanks. Tanks 407 and 409 have a capacity of 480 kgallons (gallons x 1000) each, and are authorized to store only jet fuel. Tanks 6045, 6046 and 6047 have capacities of 410, 821 and 838 kgals, respectively, and are authorized to store jet fuel. Tanks 407, 409, 6045, 6046 and 6047 were completely refurbished in 2010 including new tank bottoms, refurbished internal floating roofs, new geodesic dome on top of teach tanks, and totally new internal and external coatings. Tanks 401, 403 and 405 can store either diesel or gasoline and were replaced in 2010 with smaller tanks having a capacity of 12,000 gallons each. The replacement of tanks 401, 403 and 405, did not require a construction permit (see DEP letter dated 1/21/2011). The diesel fuel now used at Tyndall is 20% biodiesel, 80% petroleum refined diesel. Previously permitted Tank 6044 (jet fuel) has been permanently demolished and will not be replaced. Tank F3 in the Fire Training Area is not operable. Notification and appropriate application for permit must be submitted to DEP prior to bringing Tank F3 into service.

This emissions unit was noted in previous permits to be regulated under 40 CFR 60 subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels. However, due to the vapor pressure of jet fuel being less than 3.5 kPa, Tanks 407, 409, 6045, 6046 and 6047 are not subject to 40 CFR 60 subpart Kb. Tanks 401, 403, and 405 are also not subject to 40 CFR subpart Kb because they are each less than 75 m^3. However, the tanks are required to have recordkeeping of fuel throughput and VOC emissions as part of the facility wide recordkeeping in Section II of this permit.

The following specific conditions apply to the emissions unit listed above:

Essential Potential to Emit (PTE) Parameters

D.1. Methods of Operation: Storage of each tank is limited to the following fuels:

Storage Tank	Capacity (gal)	Jet Fuel	Diesel	Gasoline
401	12,000		X	X
403	12,000		X	X
405	12,000		X	X
407	480,000	X		
409	480,000	X		
6045	410,000	X		
6046	821,000	X		
6047	838,000	X		

[Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

D.2. Hours of Operation: This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year. [Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

Reporting and Recordkeeping requirements

D.3. Fuel Records. Records shall be kept of the fuel throughput for each fuel in this emissions unit. This information will be the basis for calculating emissions. [Rule 62-070(3), F.A.C.]

{Permitting Note: This emission unit must also maintain records as required in Section II.}

Subsection E. This section addresses the following emissions unit

EU I.D.	**Brief Description**
016	Boilers

This emissions unit consists of 16 existing (see table below) natural gas fired boilers with maximum heat input rates ranging from 1.0 to 10.5 MMBtu per hour, and 9 new natural gas and one new propane fired boilers, ranging from 1.00 to 1.285 MMBtu per hour heat input . The following ten boilers were removed: 1690, 1550, 1465-1, 1465-2, 1454, 1361-2, 1277-1, 939, 647, and 180-1; and ten new boilers were added with Permit 0050024-012-AC (see table below). The 5 MMBtu/hr boiler, #315, in Building #315, was replaced (Permit 0050024-011-AC) with three new 2 MMBtu/hr boilers, identified as Boilers 315-1, 315-2, and 315-3 that are identical and connect to their own stack.

Existing ID (MMBtu/hr)	**Removed**	**New ID (MMBtu/hr) and Mfr (Model No.)**
1153 (1.500)	1690	315-1 (2.00) Fulton Reliance Series Hydronic, model RLN-2000
1120 (replaced 3.6 MMBtu/hr with 2 new 0.7 MMBtu/hr by email 10/25/2011)	1550	315-2 (2.00) Fulton Reliance Series Hydronic, model RLN-2000
1117 (2.100)	1465-1	315-3 (2.00) Fulton Reliance Series Hydronic, model RLN-2000
950 (2.00)	1465-2	481-1 (1.285) Raypak (H91523A)
659 (1.232)	1454	481-2 (1.285) Raypak (H91523A)
561-1 (1.223)	1361-2	649-1 (1.178) Raypak (H3-1178)
522 (1.362)	1277-1	649-2 (1.178) Raypak (H3-1178)
421-1 (1.500)	939	659 (1.232) P.V.I. (1250N500A-TP)
295 (10.5) (subject to NSPS subpart Dc)	647	817 (1.000) Raypak (H4-1001)
280 (0.300)	180-1	1281 (1.000) Burnham (PV907WLL)
258 (3.360)	315	9490* (1.200) Weil McClain (P-978-W)
256 (1.800)		1214 (1.260) Lochinvar (CHN1261)
227 (replaced 1 MMBtu/hr with 0.528 by letter to DEP 7/02/2012)		1601 (1.000) LAARS (PW1200IP16k1ARJX)
182-1 (1.800)		
182-2 (1.800)		
180-2 (0.199)		
3029* (1.351)		

** These boilers are fueled by propane*

The boiler #295, servicing paint booths 295-1 and -2, is subject to 40 CFR 60 Subpart Dc (recordkeeping) because its capacity is larger than 10 MMBtu per hour. The remaining boilers are not subject to any unit specific requirements. Permit 0050024-013-AC added the new paint booths' direct fired reheat burners to this emissions unit but this permit revision does not incorporate Permit 0050024-013-AC at this time.

The following specific conditions apply to the emissions unit listed above:

Essential Potential to Emit (PTE) Parameters

E.1. Methods of Operation: These boilers are fueled by natural gas or propane only. [Rules 62-4.070(3), and 62-210.200(PTE), F.A.C.]

E.2. Hours of Operation: This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year. [Rules 62-4.070(3), and 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards

{Permitting Note: No unit-specific emission limitations are applicable to this emissions unit. Instead, this emissions unit is subject to facility-wide limitations as contained in Section II.}

Test Methods and Procedures

{Permitting Note: No testing is required for this emissions unit.}

Reporting and Recordkeeping requirements

E.3. Fuel Records (for all boilers but Boiler #295). Records will be maintained on a quarterly basis of the total quantity of fuel usage for all boilers. This information will be the basis for calculating emissions. This information will be available to the Department upon request no later than 40 days from the end of each quarter. Recordkeeping shall recommence at the start of each year. [Rule 62-4.070(3), F.A.C.]

E.4. Additional Fuel Records Requirements for Boiler #295. Records shall be maintained of the amount of fuel combusted during each calendar month. These records shall be kept for a period of two years following the date of such record. [40 CFR 60.48c(g)(2)]

{Permitting Note: This emission unit must also maintain records as required in Section II.}

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "permit conditions", and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted for the purpose of:

a. Have access to and copy any records that must be kept under conditions of this permit;
b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and,
c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

a. A description of and cause of noncompliance; and
b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages that may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the Department approves the transfer.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. The permittee shall comply with the following:

a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:
- the date, exact place, and time of sampling or measurement;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used;
- the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.