Department of the Navy
Naval Station, Mayport

Facility ID No.: 0310213
Duval County

FINAL Title V Air Operation Permit Revision

Permit No. 0310213-024-AV
Revision of Title V Air Operation Permit No. 0310213-023-AV)

Permitting Authority:

State of Florida
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Title V Air Operation Permit Revision
Permit No. 0310213-024-AV

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Final Permit No.: 0310213-024-AV
Facility ID No.: 0310213
SIC Nos.: 99
Project: Title V Air Operation Permit Revision

The purpose of this permit is to revise the Title V air operation permit for the above referenced facility, to incorporate the addition of three (3) emergency engines to EU038 Emergency Diesel Engine Generators (constructed after June 12, 2006). The existing Naval Station, Mayport is located at Old Mayport Road, Duval County, Jacksonville, Florida, 32228-0067; UTM Coordinates: Zone 17, 460.420 km East and 3361.610 km North; Latitude: 30° 23' 09″ North and Longitude: 81° 24' 43″ West.

The Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213. The above named permittee is hereby authorized to operate the facility in accordance with the terms and conditions of this permit.

Effective Date: **August 15, 2014**
Renewal Application Due Date: April 1, 2018
Expiration Date: November 12, 2018

Richard S. Rachal III, P.G.
Program Administrator
Waste and Air Resource Management Program

RSR/lm

SECTION I. FACILITY INFORMATION.

Subsection A. Facility Description.

The Department of the Navy operates Naval Station, Mayport as the homeport for surface combat ships and various support ships. Air pollution sources located at the base include both gas fired as well as fuel oil fired boilers and water heaters, emergency generators, miscellaneous fuel storage tanks, cold solvent degreasers, engine test stands, abrasive blasting operations, various surface coating operations (paint booths, open air painting, and ship painting) associated with infrastructure as well as with aircraft and ship maintenance.

The primary mission of the Naval Station, Mayport is to "sustain and enhance war fighter efforts" by providing the training of various Navy personnel. Of the several entities at the naval station, Naval Station, Mayport and the Naval Engineering Command Southeast (NAVFAC SE) are responsible for most of the permanent operations. NAVFAC SE is responsible for the operation and maintenance of their various boilers, emergency generators and associated fuel tanks; Naval Station, Mayport is responsible for the other equipment operations, including the activities of the Southeast Regional Maintenance Center (SERMC) and the various on-site contractors.

Subsection B. Summary of Emissions Units.

EU ID No.	Brief Description
001	Boiler No. 1, Bldg. 1241
002	Boiler No. 2, Bldg. 1241
003	Boiler No. 3, Bldg. 1241
015	SERMC Blast Booth, Bldg. 1488
022	Miscellaneous Surface Coating Operations
030	FRCSE Blast Booth No. 2, Bldg. 2085
031	Abrasive Blast Booth, Bldg. 1936
033	SERMC Abrasive Blast Booth No. 3, Bldg. 1488, Shop 71 A
034	Controlled Pyrolysis Cleaning Furnace (Burnout Oven), Bldg. 1488
035	16.33 MMBtu per hour Steam Boiler, Bldg. 1241
036	SERMC Abrasive Blast Booth No. 4, Bldg. 1488
037	Emergency Diesel Engine Generators (constructed prior to June 12, 2006)
038	Emergency Diesel Engine Generators (constructed after June 12, 2006)
039	Gasoline Dispensing Facilities > 100,000 Gallons per Month
040	Gasoline Dispensing Facilities < 10,000 Gallons per Month

Subsection C. Applicable Regulations.

Based on the Title V air operation permit revision application received June 6, 2014, this facility **is NOT** a major source of hazardous air pollutants (HAP). The existing facility **is NOT** a PSD major source of air pollutants in accordance with Rule 62-212.400, F.A.C. A summary of applicable regulations is shown in the following table.

Regulation	EU No(s).
40 CFR 60, Subpart A, NSPS General Provisions	038
40 CFR 60, Subpart IIII	038
40 CFR 63, Subpart A, NESHAP General Provisions	038
40 CFR 63, Subpart ZZZZ	038
State Rule Citations (Rule 62-204.800(8), FAC and Rule 2.201, JEPB)	038

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

The Naval Station, Mayport is classified as a Title V source because potential emissions of one or more individual criteria pollutants is equal to or greater than 100 tons per year in accordance with Chapter 62-210, FAC, and Rule 2.301 JEPB. Based on the Title V Operation Permit Revision Application received May 17, 2013, Naval Station, Mayport is a synthetic Non-Title V source for Hazardous Air Pollutants (HAPs) because the potential emissions of any single HAP is limited to less than 10 tons per year and the potential emissions of total HAPs is limited to less than 25 tons per year in accordance with Chapter 62-210, FAC, and Rule 2.301 JEPB.

Compliance Assurance Monitoring (CAM) does not apply to this facility.

The following conditions apply facility-wide to all emission units and activities:

FW1. Appendices. The permittee shall comply with all documents identified in Section IV, Appendices, listed in the Table of Contents. Each document is an enforceable part of this permit unless otherwise indicated. [Rule 62-213.440, F.A.C.]

Emissions and Controls

FW2. Not federally Enforceable. Objectionable Odor Prohibited. No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An "objectionable odor" means any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rule 62-296.320(2) and 62-210.200(Definitions), F.A.C.]

FW3. General 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 or organic solvents without applying known and existing vapor emission control devices or systems deemed-necessary and ordered by the Department

[Rule 62-296.320(1), F.A.C. and Rule 2.1101, JEPB]

{Permitting Note: Nothing is deemed necessary and ordered at this time.}

FW.4. General Visible Emissions. No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20% opacity. EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C., and Rule 2.1101, JEPB. EPA Method 9 is the method of compliance pursuant to Chapter 62-297, FAC, and Rule 2.1201, JEPB. Testing shall be required upon request of the Permitting Authority.

FW.5. 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 re-entrainment, 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)1 & 3, F.A.C, and Rule 2.1101, JEPB]

Annual Reports and Fees

See Appendix RR, Facility-wide Reporting Requirements for additional details.

FW.6. Electronic Annual Operating Report and Title V Annual Emissions Fees. The information required by the Annual Operating Report for Air Pollutant Emitting Facility [Including Title V Source Emissions Fee Calculation] (DEP Form No. 62-210.900(5)) shall be submitted by April 1 of each year, for the previous calendar year, to the Department of Environmental Protection's Division of Air Resource Management. Each Title V source shall submit the annual operating report using the DEP's Electronic Annual Operating Report (EAOR) software, unless the Title V source claims a technical or financial hardship by submitting DEP Form No. 62-210.900(5) to the DEP Division of Air Resource Management instead of using the reporting software. Emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C. Each Title V source must pay between January 15 and April 1 of each year an annual emissions fee in an amount determined as set forth in subsection 62-213.205(1), F.A.C. The annual fee shall only apply to those regulated pollutants, except carbon monoxide and greenhouse gases, for which an allowable numeric emission-limiting standard is specified in the source's most recent construction permit or operation permit. Upon completing the required EAOR entries, the EAOR Title V Fee Invoice can be printed by the source showing which of the reported emissions are subject to the fee and the total Title V Annual Emissions Fee that is due. The submission of the annual Title V emissions fee payment is also due (postmarked) by April 1st of each year. A copy of the system-generated EAOR Title V Annual Emissions Fee Invoice and the indicated total fee shall be submitted to: **Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070.** Additional information is available by accessing the Title V Annual Emissions Fee On-line Information Center at the following Internet web site: http://www.dep.state.fl.us/air/emission/tvfee.htm. [Rules 62-210.370(3), 62-210.900 & 62-213.205, F.A.C.; and, §403.0872(11), Florida Statutes (2013)]

{Permitting Note: Resources to help you complete your AOR are available on the electronic AOR (EAOR) website at: http://www.dep.state.fl.us/air/emission/eaor. If you have questions or need assistance after reviewing the information posted on the EAOR website, please contact the Department by phone at (850) 717-9000 or email at eaor@dep.state.fl.us.}

{Permitting Note: The Title V Annual Emissions Fee form (DEP Form No. 62-213.900(1)) has been repealed. ***A separate Annual Emissions Fee form is no longer required to be submitted by March 1st each year.****}*

FW7. Annual Statement of Compliance. The permittee shall submit an annual statement of compliance to the compliance authority at the address shown on the cover of this permit within 60 days after the end of each calendar year during which the Title V permit was effective. [Rules 62-213.440(3)(a)2. & 3. and (3)(b), F.A.C.]

FW8. Prevention of Accidental Releases (Section 112(r) of CAA). If and when the facility becomes subject to 112(r), the permittee shall:

a. Submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to: RMP Reporting Center, Post Office Box 10162, Fairfax, VA 22038, Telephone: (703) 227-7650.

b. Submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.

[40 CFR 68]

FW9. Maximum facility wide emissions shall be limited to 9.0 tons per year for any single Hazardous Air Pollutant (HAP) and to 22.5 tons per year for total HAPs in order to maintain emissions below the major source HAP threshold. All tons per year limits are based on a 12-month rolling total.
[Rule 62-212.300(1)(d), FAC, and Rule 2.401, JEPB]

FW10. An inventory report of HAP emissions [single HAP and total HAPs] shall be submitted to the Permitting Authority for each six month period. Each report shall delineate single HAP emissions for each HAP emitted in quantities of 1000 pounds or more for the period and shall total all HAPs emitted for the period. The report for Period No. 2 shall also provide summary totals for the year for any single HAP previously reported and for total HAPs. The reports shall be due as follows: Period No. 1 (January through June) due on or before September 1 and Period No. 2 (July through December) due on or before March 1.
[Rule 62-210.200, FAC, Rule 62-213.440(4) FAC, Rule 2.301, JEPB, and Rule 2.501, JEPB]

The following Facility-wide conditions are not federally enforceable

FW11. The facility shall be subject to the City of Jacksonville Ordinance Code, Title X, Chapter 360 [Environmental Regulation], Chapter 362 [Air and Water Pollution], Chapter 376 [Odor Control], and JEPB Rule 1 [Final Rules with Respect to Organization, Procedure, and Practice].

FW12. The facility shall be subject to JEPB Rule 2, Parts I through VII, and Parts IX through XIV.

FW13. A Title V source which contains an emissions unit that commences operation or is modified shall submit an application for a permit revision, or a supplement to a pending application, at least ninety days prior to expiration of the unit's air construction permit, but no later than 180 days after the emissions unit commences operation or commences operation as modified. Any source that contains an emissions unit that has not commenced operation or which has not demonstrated initial compliance with all applicable requirements by the time that the source submits its application for a Title V permit, permit revision, or permit renewal may include such emissions unit in the application, provided the source submits a compliance schedule and methodology, in accordance with paragraph 62-213.420(3)(l), F.A.C.

[Rule 62-213.420(1)(a)3. F.A.C]

Subsection A. EU001 Boiler No. 1, Bldg. 1241

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
001	Boiler No. 1, Bldg. 1241

Emission Unit Description: Boiler and Supply Company package Boiler No. 1, Serial Number (S/N) 120-E-1312 firing natural gas or No. 2 fuel oil. The steam generated is used for ship services.

{This EU is subject to Rules 62-296.406; BACT dated 10/20/99; Rule 2.301, JEPB; Rule 2.1101, JEPB and Rule 2.1201, JEPB}

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

A.1. This EU shall be allowed to operate continuously; i.e.: 8,760 hours per year (hrs/yr).
[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

EMISSION LIMITATIONS AND STANDARDS

A.2. The estimated maximum heat input shall not exceed 42 x 10^6 Btu per hour while firing natural gas and No. 2 fuel oil.
[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

A.3. Fuels which may be fired are natural gas or No. 2 fuel oil. The use of fuel shall be limited to periods of gas curtailment, gas supply interruption, startups, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

A.4. Sulfur dioxide (SO_2) and PM emissions shall be controlled in accordance with the Best Available Control Technology (BACT) Determination.

[Rules 62-296.406(2) and (3), F.A.C., and Rule 2.1101, JEPB]

A.5. The maximum sulfur content of the fuel oil shall be limited to 0.05%, by weight, in accordance with the BACT determination.
[BACT dated 10/20/99]

A.6. Visible emissions (VE) shall be limited to 20 percent opacity except that VE not exceeding 40 percent opacity are allowed for up to 2 minutes in any one hour period.

[Rule 62-296.406(1), F.A.C., and 2.1101, JEPB]

TEST METHODS AND PROCEDURES

A.7. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method (RM) 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., F.A.C., and Rule 2.1201, JEPB]

A.8. VE compliance testing shall be conducted every 12 months from the date of December 1, 2012. Note: Testing may be delayed until the EU operates 400 hours while firing fuel oil (during the 5-year life of the permit) or until 270 days prior to permit renewal, whichever occurs first. Once the EU has operated 400 or more hours while firing fuel oil, annual testing shall be required.

[Rule 62-297.310(7)(a)., F.A.C., and Rule 2.1201, JEPB]

A.9. VE compliance testing shall be conducted for a minimum period of 60 minutes while firing fuel oil (i.e., multi-valued opacity standard).

[Rule 62-297.310(4)(a)2., F.A.C., and Rule 2.1201, JEPB]

A.10. Fuel oil sulfur content shall be determined through certification by the fuel oil supplier (each shipment). Alternate testing may be through the use of ASTM Method D 2622-94 SULFUR IN PETROLEUM PRODUCTS (X-RAY SPECTROGRAPHIC METHOD) or updated version of this method.

[Rule 62-297.440(1)(i), F.A.C., and Rule 2.1201, JEPB]

RECORDKEEPING AND REPORTING

A.11. The permittee shall maintain monthly records of the quantity of No. 2 fuel oil burned in the boiler. These records and fuel oil sulfur content certifications and tests (**SC No. A.10 above**) shall be maintained for a minimum period of five (5) years and shall be provided to the Permitting Authority upon request.

[Rule 62-213.440(1)(b), F.A.C., and Rule 2.501, JEPB]

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
002	Boiler No. 2, Bldg. 1241

Emission Unit Description: Boiler and Supply Company package Boiler No. 2, S/N 122-E1312 firing natural gas or No. 2 fuel oil. The steam generated is used for ship services.

{This EU is subject to Rules 62-296.406; BACT dated 10/20/99; Rule 2.301, JEPB; Rule 2.1101, JEPB and Rule 2.1201, JEPB}

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

B.1. This EU shall be allowed to operate continuously; i.e.: 8,760 hrs/yr.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

EMISSION LIMITATIONS AND STANDARDS

B.2. The estimated maximum heat input shall not exceed 42 x 10^6 Btu per hour while firing natural gas and No. 2 fuel oil.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

B.3. Fuels which may be fired are natural gas or No. 2 fuel oil. The use of liquid fuel shall be limited to periods of gas curtailment, gas supply interruption, startups, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

B.4. Sulfur dioxide (SO_2) and PM emissions shall be controlled in accordance with the Best Available Control Technology (BACT) Determination.

[Rules 62-296.406(2) and (3), F.A.C., and Rule 2.1101, JEPB]

B.5. The maximum sulfur content of the fuel oil shall be limited to 0.05%, by weight, in accordance with the BACT determination.

[BACT dated 10/20/99]

B.6. Visible emissions (VE) shall be limited to 20 percent opacity except that VE not exceeding 40 percent opacity are allowed for up to 2 minutes in any one hour period.

[Rule 62-296.406(1), F.A.C., and 2.1101, JEPB]

TEST METHODS AND PROCEDURES

B.7. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method (RM) 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., F.A.C., and Rule 2.1201, JEPB]

B.8. VE compliance testing shall be conducted every 12 months from the date of December 1, 2012. Note: Testing may be delayed until the EU operates 400 hours while firing fuel oil (during the 5-year life of the permit) or until 270 days prior to permit renewal, whichever occurs first. Once the EU has operated 400 or more hours while firing fuel oil, annual testing shall be required.

[Rule 62-297.310(7)(a)., F.A.C., and Rule 2.1201, JEPB]

B.9. VE compliance testing shall be conducted for a minimum period of 60 minutes while firing fuel oil (i.e., multi-valued opacity standard).

[Rule 62-297.310(4)(a)2., F.A.C., and Rule 2.1201, JEPB]

B.10. Fuel oil sulfur content shall be determined through certification by the fuel oil supplier (each shipment). Alternate testing may be through the use of ASTM Method D 2622-94 SULFUR IN PETROLEUM PRODUCTS (X-RAY SPECTROGRAPHIC METHOD) or updated version of this method.

[Rule 62-297.440(1)(i), F.A.C., and Rule 2.1201, JEPB]

RECORDKEEPING AND REPORTING

B.11. The permittee shall maintain monthly records of the quantity of No. 2 fuel oil burned in the boiler. These records and fuel oil sulfur content certifications and tests (**SC No. B.10 above**) shall be maintained for a minimum period of five (5) years and shall be provided to the Permitting Authority upon request.

[Rule 62-213.440(1)(b), F.A.C., and Rule 2.501, JEPB]

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
003	Boiler No. 3, Bldg. 1241

Emission Unit Description: Boiler and Supply Company package boiler No. 3, S/N 121-E1312 firing natural gas or No. 2 fuel oil. The steam generated is used for ship services.

{This EU is subject to Rules 62-296.406; BACT dated 10/20/99; Rule 2.301, JEPB; Rule 2.1101, JEPB and Rule 2.1201, JEPB}

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

C.1. This EU shall be allowed to operate continuously; i.e.: 8,760 hrs/yr.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

EMISSION LIMITATIONS AND STANDARDS

C.2. The estimated maximum heat input shall not exceed 42 x 10^6 Btu per hour while firing natural gas and No. 2 fuel oil.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

C.3. Fuels which may be fired are natural gas or No. 2 fuel oil. The use of liquid fuel shall be limited to periods of gas curtailment, gas supply interruption, startups, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

C.4. Sulfur dioxide (SO_2) and PM emissions shall be controlled in accordance with the Best Available Control Technology (BACT) Determination.

[Rules 62-296.406(2) and (3), F.A.C., and Rule 2.1101, JEPB]

C.5. The maximum sulfur content of the fuel oil shall be limited to 0.05%, by weight, in accordance with the BACT determination.

[BACT dated 10/20/99]

C.6. Visible emissions (VE) shall be limited to 20 percent opacity except that VE not exceeding 40 percent opacity are allowed for up to 2 minutes in any one hour period.

[Rule 62-296.406(1), F.A.C., and 2.1101, JEPB]

TEST METHODS AND PROCEDURES

C.7. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method (RM) 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., F.A.C., and Rule 2.1201, JEPB]

C.8. VE compliance testing shall be conducted every 12 months from the date of December 1, 2012. Note: Testing may be delayed until the EU operates 400 hours while firing fuel oil (during the 5-year life of the permit) or until 270 days prior to permit renewal, whichever occurs first. Once the EU has operated 400 or more hours while firing fuel oil, annual testing shall be required.

[Rule 62-297.310(7)(a)., F.A.C., and Rule 2.1201, JEPB]

C.9. VE compliance testing shall be conducted for a minimum period of 60 minutes while firing fuel oil (i.e., multi-valued opacity standard).

[Rule 62-297.310(4)(a)2., F.A.C., and Rule 2.1201, JEPB]

C.10. Fuel oil sulfur content shall be determined through certification by the fuel oil supplier (each shipment). Alternate testing may be through the use of ASTM Method D 2622-94 SULFUR IN PETROLEUM PRODUCTS (X-RAY SPECTROGRAPHIC METHOD) or updated version of this method.

[Rule 62-297.440(1)(i), F.A.C., and Rule 2.2101, JEPB]

RECORDKEEPING AND REPORTING

C.11. The permittee shall maintain monthly records of the quantity of No. 2 fuel oil burned in the boiler. These records and fuel oil sulfur content certifications and tests (**SC No. C.10 above**) shall be maintained for a minimum period of five (5) years and shall be provided to the Permitting Authority upon request.

[Rule 62-213.440(1)(b), F.A.C., and Rule 2.501, JEPB]

Subsection D. EU015 SERMC Blast Booth, Bldg. 1488

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
015	SERMC Blast Booth, Bldg. 1488

Emission Unit Description: Abrasive blast booth using plastic media as an abrasive material. Sodium bicarbonate, corn starch, or other similar type material may also be used as an abrasive material

Particulate Matter Control Device: Pauli Systems C T Series Dust Collector 24 Cartridge RAM 20000

{This EU is subject to Rules 62-212.300(1)(d), F.A.C.;-Rule 2.301, Rule 2.401, JEPB; Reasonably Available Control Technology (RACT) requirements including Specific RACT Emission Limiting Standards for Stationary Emissions Units- Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB; Maximum Allowable Emission Rates [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB; Rule 62-296.700(5), FAC, Rule 2.1101, JEPB; and Operation and Maintenance Plan -Rule 62-296.700(6), F.A.C.}

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

D.1. This EU shall be allowed to operate continuously; i.e.: 8,760 hrs/yr.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

D.2. The nominal volumetric flow rate is estimated at 14,000 dry standard cubic feet per minute (dscfm).

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

D.3. Maximum abrasive blasting media usage is estimated at 600 pounds per hour (lbs/hr).

[Rule 62-212.300(1)(d), F.A.C. and Rule 2.401, JEPB]

EMISSION LIMITATIONS AND STANDARDS

D.4. PM emissions shall not exceed 0.03 gr/dscf [3.60 lbs/hr and 15.77 TPY].

[Rule 62-296.712(2), F.A.C., and Rule 2.1101, JEPB]

D.5. Visible Emissions (VE) shall not exceed 5% opacity.

[Rule 62-296.712(2), F.A.C., and Rule 2.1101, JEPB]

TEST METHODS AND PROCEDURES

D.6. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

[Rule 62-296.712(3)(a), F.A.C., and Rule 2.1101, JEPB]

D.7. VE testing shall be conducted annually from the date of December 1, 2012. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., F.A.C., and Rule 2.1201, JEPB]

D.8. Testing for demonstration of compliance shall be performed in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM emission rate. The minimum sample volume shall be 30 dry standard cubic feet.

[Rule 62-296.712(3)(b), F.A.C., and Rule 2.1101, JEPB]

D.9. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), F.A.C., and Rule 2.1201, JEPB]

RECORDKEEPING AND REPORTING

D.10. An Operation and Maintenance Plan is attached and shall be part of this permit. All activities shall be performed as scheduled and recorded. Data shall be made available to the Permitting Authority upon request. Records shall be maintained on file for a minimum period of two (2) years.

[Rule 62-296.700(6)(e), F.A.C., and Rule 2.1101, JEPB]

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
022	Miscellaneous Surface Coating Operations

Emissions Unit Description: This EU consists of the application of coatings, solvents (including stripping solvents), adhesives, and other VOC and/or HAP containing material to miscellaneous parts in booths, buildings, hangars, ships, and open air surface coating operations. All paint booths are equipped with dry overspray arrestors. Note: Former regulated EU No. 016 is now included in this EU. Paint Booth No. 1 (Building 1488, SIMA activity) and Paint Booth No. 2 (Bldg. 2085) [Permit 0310213-007-AC] are now included in this EU. Former unregulated EUs 023, 024, 026, 027, 028, and 029 are now included in this EU. EU No. 032 [Permit 0310213-008-AC] is now included in this EU. A paint booth manufactured by Blow-Therm of Canada, Inc. and operated by Earl Industries, Inc. is now part of this EU.

{This EU is subject to Rule 62-296.320(1), F.A.C., and Rule 2.1101, JEPB; Rule 2.1401, JEPB, Rule 2.501, JEPB, Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB}

ESSENTIAL PTE PARAMETERS

E.1. This EU shall be allowed to operate continuously; i.e.: 8,760 hrs/yr.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

E. 2. The estimated maximum usage of paints, solvents and adhesives is 72,371 gallons per year.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB] Air Title V Permit No. 0310215-042-AV

EMISSIONS LIMITATIONS AND STANDARDS

E.3. This EU is subject to General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. (**See Facility-wide Specific Condition FW3**)

[Rule 62-296.320(1), FAC, and Rule 2.1101, JEPB]

RECORDKEEPING REQUIREMENTS

E.4. Records shall be maintained monthly for the following:

a. Gallons of coating(s) applied and/or used
b. Gallons of solvent(s) for dilution or cleanup applied and/or used
c. Certification of as-supplied VOC content (lbs/gal) of each coating or the results of EPA RM 24
d. Certification of as supplied VOC content (lbs/gal) of each solvent/ thinner or the results of EPA RM 24

E.4. continued:

e. HAP content of coatings and solvents applied and/or used
f. Total and individual HAP emissions
g. Total VOC emissions

Records shall be maintained for a minimum of five (5) years and made available to the Permitting Authority upon request.

[Rule 62-4.070, FAC, Rule 62-213.440(4) FAC, Rule 2.1401, JEPB, and Rule 2.501, JEPB]

REPORTING REQUIREMENTS

E.5. This EU is subject to the attached Combined Appendices- RR Facility-Wide Reporting Requirements.

TEST METHODS AND PROCEDURES

E.6. Testing for demonstration of compliance shall be performed in accordance with Environmental Protection Agency (EPA) Reference Method (RM) 24 (as described in 40 CFR 60, Appendix A) for volatile organic compounds or Manufacturer's data sheets with VOC and HAP contents may be substituted.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB.]

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
030	FRCSE Blast Booth No. 2, Bldg. 2085

Emission Unit Description: Pauli systems dual-compartment abrasive blast booth using plastic media as an abrasive material. Sodium bicarbonate, corn starch, or other similar type material may also be used as an abrasive material

Particulate Matter Control Device: Torit Dust Collector 24 Cartridge RAM 20000, Model Number 5100053-001 (2 baghouse system)

{This EU is subject to Rule 2.301, JEPB; Reasonably Available Control Technology (RACT) requirements including Specific RACT Emission Limiting Standards for Stationary Emissions Units [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]; Maximum Allowable Emission Rates [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; Circumvention [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and Operation and Maintenance Plan [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB]}

ESSENTIAL PTE PARAMETERS

F.1. This EU shall be allowed to operate continuously; i.e.: 8,760 hrs/yr.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

F.2. The nominal volumetric flow rate is estimated at 37,400 dscfm.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

F.3. Maximum abrasive blasting media usage is estimated at 2,995 tons per year (tons/yr).

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

EMISSION LIMITATIONS AND STANDARDS

F.4. PM emissions shall not exceed 0.03 gr/dscf [9.62 lbs/hr and 42.14 TPY].

[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

F.5. VE shall not exceed 5% opacity.

[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

TEST METHODS AND PROCEDURES

F.7. Testing for demonstration of compliance shall be performed on each baghouse in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

[Rule 62-296.712(3)(a), FAC, and Rule 2.1101, JEPB]

F.8. VE testing shall be conducted annually from the date of December 1, 2012. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

F.9. Testing for demonstration of compliance shall be performed in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM emission rate. The minimum sample volume shall be 30 dry standard cubic feet.

[Rule 62-296.712(3)(b), FAC, and Rule 2.1101, JEPB]

F.10. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

RECORDKEEPING AND REPORTING

F.11. An Operation and Maintenance Plan is attached and shall be part of this permit. All activities shall be performed as scheduled and recorded. Data shall be made available to the Permitting Authority upon request. Records shall be maintained on file for a minimum period of two (2) years.

[Rule 62-296.700(6)(e), FAC, and Rule 2.1101, JEPB]

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
031	Abrasive Blasting Booth, Bldg. 1936

Emission Unit Description: Abrasive Blasting Booth for the abrasive cleaning of miscellaneous metal and non-metal parts. Aluminum oxide, walnut shell, starch, garnet, or other similar type material may also be used as an abrasive material

Particulate Matter Control Device: Hoffman Blast Booth Dust Collector, Model Number HDFT 3-18

{This EU is subject to Rule 2.301, JEPB; Reasonably Available Control Technology (RACT) requirements including Specific RACT Emission Limiting Standards for Stationary Emission Units [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]; Maximum Allowable Emission Rates [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; Circumvention [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and Operation and Maintenance Plan [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit; Rule 62-296.712(3)(a), FAC, }

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

G.1. This EU shall be allowed to operate continuously; i.e.: 8,760 hrs/yr.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

G.2. The nominal volumetric flow rate is estimated at 9,500 cubic feet per minute (cfm).

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

G.3. Maximum abrasive blast media usage is estimated at 1,800 tons/yr.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

EMISSION LIMITATIONS AND STANDARDS

G.4. PM emissions shall not exceed 0.03 gr/dscf [2.44 lbs/hr and 10.69 TPY].

[Rule 62-296.712(2), F.A.C., and Rule 2.1101, JEPB]

G.5. VE shall not exceed 5% opacity.

[Rule 62-296.712(2), F.A.C., and Rule 2.1101, JEPB]

TEST METHODS AND PROCEDURES

G.6. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

[Rule 62-296.712(3)(a), F.A.C., and Rule 2.1101, JEPB]

G.7. VE testing shall be conducted annually from the date of December 1, 2012. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., F.A.C., and Rule 2.1201, JEPB]

G.9. Testing for demonstration of compliance shall be performed in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM emission rate. The minimum sample volume shall be 30 dry standard cubic feet.

[Rule 62-296.712(3)(b), F.A.C., and Rule 2.1101, JEPB]

G.10. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), F.A.C., and Rule 2.1201, JEPB]

Recordkeeping Requirements

G.11. An Operation and Maintenance Plan is attached and shall be part of this permit. All activities shall be performed as scheduled and recorded. Data shall be made available to the Permitting Authority upon request. Records shall be maintained on file for a minimum period of two (2) years.

[Rule 62-296.700(6)(e), FAC, and Rule 2.1101, JEPB]

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
033	SERMC Abrasive Blast Booth No. 3, Bldg. 1488, Shop 71 A

Emission Unit Description: Pauli systems abrasive blast booth using aluminum oxide media or other applicable blasting agent as an abrasive material.

Particulate Matter Control Device: Cartridge Fabric filter

{This EU is subject to Reasonably Available Control Technology (RACT) requirements including Specific RACT Emission Limiting Standards for Stationary Emission Units [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]; Maximum Allowable Emission Rates [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; Circumvention [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and Operation and Maintenance Plan [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB]}

ESSENTIAL PTE PARAMETERS

H.1. Maximum abrasive blasting media usage is estimated at 6,989 tons per year (tons/yr).

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

H.2. The nominal volumetric flow rate is estimated at 14,743 dscfm.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

EMISSION LIMITATIONS AND STANDARDS

H.3. This EU shall be allowed to operate a maximum of 5,824 hrs/yr.

[Air Construction Permit No. 0310213-011-AC, Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

H.4. PM emissions shall not exceed 0.03 gr/dscf [3.79 lbs/hr and 11.04 TPY].

[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

H.5. VE shall not exceed 5% opacity.

[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

H.6. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

[Rule 62-296.712(3)(a), FAC, and Rule 2.1101, JEPB]

H.7. VE testing shall be conducted annually from the date of December 1, 2012. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

H.8. Testing for demonstration of compliance shall be performed in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM emission rate. The minimum sample volume shall be 30 dry standard cubic feet.

[Rule 62-296.712(3)(b), FAC, and Rule 2.1101, JEPB]

H.9. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

H.10. The owner/operator shall maintain records of the operating hours of this emission unit on a monthly basis.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

H.11. The owner/operator shall provide records of the operating hours of this emission unit upon request of the Permitting Authority.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

H.12. An Operation and Maintenance Plan is attached and shall be part of this permit. All activities shall be performed as scheduled and recorded. Data shall be made available to the Permitting Authority upon request. Records shall be maintained on file for a minimum period of two (2) years.

[Rule 62-296.700(6)(e), FAC, and Rule 2.1101, JEPB]

Subsection I. EU034 Controlled Pyrolysis Cleaning Furnace (Burnout Oven)

The specific conditions in this section apply to the following emissions unit:

Emission Unit Description:	Pollution Control Products Company, Model No. PRC-680 natural gas fired contolled pyrolysis cleaning furnace (burnout oven) for the cleaning of metal parts of organic hydrocarbon residue such as paint and other coatings.
Particulate Matter Control Device:	Pollution Control J121 Incinomite Gas Burner, Model Number PRC-680 (Integral afterburner)

{This EU is subject to Rules 2.301, JEPB; Rule 62-296.401, F.A.C., and Rule 62-297.310(4)(a) 2.}

Essential Potential To Emit (PTE) Parameters

I.1. The estimated maximum heat input (from natural gas) to the burnout oven is 0.95 MMBtu/hr - 0.39 MMBtu/hr to the primary burner and 0.56 MMBtu/hr to the afterburner.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

I.2. This EU shall be allowed to operate continuously, i.e., 8,760 hrs/yr.

[Air Construction Permit No. 0310213-012-AC, Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

I.3. The estimated nominal volumetric flow rate is 400 dscfm.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

I.4. VE shall be limited to 5% opacity continuous. VE not exceeding 15% opacity shall be allowed for up to 6 minutes per hour.

[Rule 62-296.401(1)(a), FAC, and Rule 2.1101, JEPB]

I.5. No objectionable odor shall be allowed.

[Rule 62-296.401(2)(b), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

I.6. Testing for demonstration of compliance shall be performed in accordance with DEP RM 9 (as described in Rule 62-297, FAC) for the visual determination of opacity.

[Rule 62-296.401(1)(b)(1. and 2.), FAC, Rule 2.1101, JEPB, and Rule 2.1201, JEPB]

I.7. VE testing shall be conducted annually from the date of December 1, 2012. The minimum sampling time shall be sixty (60) minutes.

[Rule 62-297.310(4)(a) 2., FAC, and Rule 2.1201, JEPB]

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
035	16.33 MMBtu per hour Steam Boiler, Bldg. 1241

Emission Unit Description: This EU consists of one steam generating boiler. It is rated at 16.33 MM Btu per hour maximum heat input while firing natural gas or very low sulfur content No. 2 fuel oil. The boiler is a Cleaver Brooks Model Number CBLE200-400-250ST. The steam generated is used for ship services.

{This EU is subject to 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units and 40 CFR 60, Subpart A, General Provisions, Rules 62-296.406(1), (2) and (3), FAC, and Rule 2.1101, JEPB}

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

J.1. This EU shall be allowed to operate continuously; i.e.: 8,760 hrs/yr.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

J.2. The estimated maximum heat input shall not exceed 16.33 x 10^6 Btu per hour while firing natural gas and No. 2 fuel oil.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

J.3. Fuels which may be fired are natural gas or No. 2 fuel oil. The use of liquid fuel shall be limited to periods of gas curtailment, gas supply interruption, startups, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

J.4. Sulfur dioxide (SO_2) and PM emissions shall be controlled in accordance with the Best Available Control Technology (BACT) Determination.

[Rules 62-296.406(2) and (3), FAC, and Rule 2.1101, JEPB]

J.5. The maximum sulfur content of the fuel oil shall be limited to 0.05%, by weight, in accordance with the BACT determination. The 0.05%, by weight sulfur content limit is more stringent than the 0.5%, by weight sulfur content limit required by 40 CFR 60.42c(d).

J.6. Visible emissions (VE) shall be limited to 20 percent opacity except that VE not exceeding 27 percent opacity are allowed for up to 6 minutes in any one hour period.

[Rule 62-296.406(1), FAC, and 2.1101, JEPB]

Test Methods and Procedures

J.7. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method (RM) 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

J.8. VE compliance testing shall be conducted every 12 months from the date of December 1, 2012. Note: Testing may be delayed until the EU operates 400 hours while firing fuel oil or until 270 days prior to permit renewal, whichever occurs first. Once the EU has operated 400 or more hours while firing fuel oil, annual testing shall be required.

[Rule 62-297.310(7)(a)., FAC, and Rule 2.1201, JEPB]

J.9. VE compliance testing shall be conducted for a minimum period of 60 minutes while firing fuel oil (i.e., multi-valued opacity standard).

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

J.10. Fuel oil sulfur content determination shall be in accordance with 40 CFR 60.44c(h). In addition to the requirements of 40 CFR 60.48c(f)(1) the fuel oil supplier shall certify that the fuel oil contains 0.05% by weight or less sulfur content.

Recordkeeping and Reporting Requirements

J.11. The owner or operator shall submit reports to the permitting authority concerning the fuel oil sulfur limits to which the boiler is subject. The reports shall include calendar dates covered in the reporting period, fuel oil supplier certifications including the name of the oil supplier, a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c, a certification from the fuel oil supplier stating that the fuel oil contains 0.05% by weight or less sulfur content, and a certified statement from the responsible official that the records of the fuel supplier certifications submitted represent all the fuel oil combusted during the reporting period.

[40 CFR 60.48c(d), (e), and (f), Rule 62-204.800, FAC, Rule 62-296.406(2), FAC, Rule 2.201, JEPB, and Rule 2.1101, JEPB]

J.12. The owner and operator shall record and maintain records of the amounts of each fuel combusted during each month.

[40 CFR 60.48c(g)(1), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

J.13. The record of the amount of fuel combusted each month shall be maintained for a minimum period of two years.

[40 CFR 60.48c(i), Rule 62-210.800, Rule 62-213.400, FAC, Rule 2.301, JEPB, and Rule 2.501, JEPB]

J.14. The reporting period for specific condition Nos. 11 and 12 shall be every six (6) months. All reports shall be submitted to the Permitting Authority and shall be postmarked by the 30th day following the end of the reporting period, i.e., JAN-JUN report submitted by July 30, and JUL-DEC report submitted by January 30.

[40 CFR 60.48c(j), Rule 62-204.800, FAC and Rule 2.201, JEPB]

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
036	SERMC Blast Booth, Bldg. 1488

Emission Unit Description: Innovative Peening Systems abrasive blast booth using aluminum oxide media or other applicable blasting agent as an abrasive material.

Particulate Matter Control Device: Cartridge Fabric filter

{This EU is subject to Reasonably Available Control Technology (RACT) requirements including Specific RACT Emission Limiting Standards for Stationary Emissions Units [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]; Maximum Allowable Emission Rates [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; Circumvention [Rule 62-296.700(5), FAC, and Rule 2.1001, JEPB], and Operation and Maintenance Plan [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB]}

Essential PTE Parameters

K.1. The estimated maximum abrasive blasting media use is 1,267.5 tons/yr.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

K.2. This EU shall be allowed to operate a maximum of 2,600 hrs/yr.

[0310213-019-AC, Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

K.3. The nominal volumetric flow rate is estimated at 15,000 dscfm.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

K.4. PM emissions shall not exceed 0.03 gr/dscf [3.86 lbs/hr and 5.02 TPY].

[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

K.5. VE shall not exceed 5% opacity.

[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

K.6. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

[Rule 62-296.712(3)(a), FAC, and Rule 2.1101, JEPB]

K.7. VE testing shall be conducted annually from the date of December 1, 2012. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

K.8. Testing for demonstration of compliance shall be performed in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM emission rate. The minimum sample volume shall be 30 dry standard cubic feet.

[Rule 62-296.712(3)(b), FAC, and Rule 2.1101, JEPB]

K.9. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

K.10. The owner/operator shall maintain records of the operating hours of this emission unit on a monthly basis.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

K.11. The owner/operator shall provide records of the operating hours of this emission unit upon request of the Permitting Authority.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

K.12. An Operation and Maintenance Plan is attached and shall be part of this permit. All activities shall be performed as scheduled and recorded. Data shall be made available to the Permitting Authority upon request. Records shall be maintained on file for a minimum period of two (2) years.

[Rule 62-296.700(6)(e), FAC, and Rule 2.1101, JEPB]

Subsection L. EU037 Emergency Diesel Engine Generators (Constructed prior to June 12, 2006)

The specific conditions in this section apply to the following emissions unit:

Emissions Unit Description: Thirty-two (32) existing emergency combustion ignition (CI) reciprocating internal combustion engines (RICE) constructed prior to June 12, 2006 and located at an area source of hazardous air pollutants (HAP) emissions.

{Permitting Note: This permit section addresses existing, emergency compression ignition (CI) reciprocating internal combustion engines (RICE) located at an area source of HAP emissions. These EUs are subject to 40 CFR 63, Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, 40 CFR 63, Subpart A, General Provisions, Rule 62-204.800(11), FAC and Rule 2.201, JEPB}

Emergency Generator Diesel Engine ID	Manufacturer	Date Manufactured	HP	Location
IC001	John Deere	1/12/1990	163	Ribault (Pier C)
IC002	NAV	1/1/1995	125	Transmitter
*IC003	Catepillar	2/26/1991	263	Communications
IC004	Cummins	11/7/2002	288	Op Tower
IC005	Cummins	4/1/1993	66	TACAN Facility
IC006	Cummins	1/1/1997	335	Air Field Lighting
IC007	Perkins	1/1/2004	325	RATCF
*IC008	Alis Chalmer	1/1/1995	292	Dispensary
IC009	Cummins – Fire Pump	2/11/1985	113	Gen. Warehouse
*IC011	Cummins	3/15/2001	170	Training Center
IC012	Catepillar	1/1/2000	349	Main Pump Station
*IC013	Cummins	1/1/1988	34	Security
*IC014	Onan	N/A	25	Fire Dept./EMS
IC016	Cummins – Fire Pump (3)	1/1/1975	338	Fire Pump Station
IC017	Generac	1/1/1984	167	Lift Station
IC018	John Deere	1/12/1990	163	Lift Station
IC021	N/A	1/1/1991	125	Aircraft M.
*IC022	Catepillar	10/11/1991	484	Tel. Exchange
IC024	Generac	1/1/1991	59	Lift Station
IC025	Hino	1/1/1991	218	Lift Station
IC026	Hino	1/1/1991	251	Lift Station
IC027	NAV	1/1/1991	29	Lift Station
IC029	Cummins	5/30/2000	535	Fuel Farm
IC030	Catepillar	11/30/1998	587	FP/5

IC031	Detroit Diesel	9/1/2001	1120	Sewage Treatment
IC033	John Deere	1/12/1990	163	Lift Station
IC035	NAV	12/1/2005	25	Beach Tower #3
IC038	Catepillar	3/2/1992	1350	WTP
IC040	Onan	9/1/2001	35.12	Harbor Ops
IC041	Generac	5/2/2001	218	SPS-B Pier
IC042	Generac	5/2/2001	218	SPS- C Pier
IC043	Cummins	11/22/1999	535	Southside

*These engines are exempt from 40 CFR 63, Subpart ZZZZ since they meet the definition of existing emergency commercial or institutional reciprocating internal combustion engines. This exemption shall apply as long as these engines **do not** operate or are not contractually obligated to be available to operate for more than 15 hours per calendar year as part of an Emergency Demand Response Program. However, if these engines operate greater than 15 hours per calendar year they must comply with the requirements for stationary emergency engines.

L.1. The permittee shall comply with the following operating limitations no later than May 3, 2013.

[40 CFR 63.6595(a)(1), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

Essential Potential to Emit (PTE) Parameters

L.2. The owner or operator shall operate and maintain the emergency stationary RICE according to the following:

(a) There is no time limit on the use of emergency stationary RICE in emergency situations.
(b) The emergency stationary RICE may be operated 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.
(c) The emergency stationary RICE may be operated 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 checks and readiness testing.
(d) The 50 hours per year for non-emergency situations may not be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply non-emergency power as part of a financial arrangement with another entity.

[40 CFR 63.6640(f), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

L.3. The owner or operator shall minimize the engine's time spent at idle during startup and minimize the engine'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), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

Emission Limitations and Operating Requirements

L.4. The owner or operator shall comply with the following requirements as outlined in 40 CFR 63, Subpart ZZZZ, Table 2d.

a. Change oil and filter every 500 hours of operation or annually, whichever comes first, or use an oil analysis program to extend this interval, as provided in Specific Condition No. 6 below.
b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first.
c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

[40 CFR 63.6603(a), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

L.5. The owner or operator has the option of using an oil analysis program to extend the oil change requirement. The oil analysis shall be performed at the same frequency specified for changing the oil in Specific Condition No. 5 for this emissions unit. The analysis program shall at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator shall change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator shall change the oil within 2 days or before commencing operation, whichever is later.

The owner or operator shall keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program shall be part of the maintenance plan for the engine.

[40 CFR 63.6625(i), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

L.6. The owner or operator shall operate and maintain the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions or develop and follow their own maintenance plan which shall provide, to the extent practicable, for the maintenance and operation of the engine in a manner consistent with good air pollution control practices for minimizing emissions.

[40 CFR 63.6640(a), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

L.7. Beginning January 1, 2015, if you own or operate an existing emergency CI stationary RICE with a site rating of more than 100 brake HP and a displacement of less than 30 liters per cylinder that uses diesel fuel and operates or is contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in § 63.6640(f)(2)(ii) and (iii) or that operates for the purpose specified in § 63.6640(f)(4)(ii), you must use diesel fuel that meets the requirements in 40 CFR 80.510(b) for nonroad diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to January 1, 2015, may be used until depleted.

[40 CFR 63.6604(a), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

Monitoring Requirements

L.8. The owner or operator shall install a non-resettable hour meter if one is not already installed.

[40 CFR 63.6625(f), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

Compliance Requirements

L.9. Each unit shall be in compliance with the operating standards in this section at all times.

[40 CFR 63.6605(a), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

L.10. Operation and Maintenance of Equipment. At all times the owner or operator shall operate and maintain the stationary RICE, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Compliance Authority 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), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

Recordkeeping and Reporting Requirements

L.11. The owner or operator shall keep records of the maintenance conducted on the stationary RICE in order to demonstrate that the stationary RICE and after-treatment control device (if any) was operated and maintained according to their own maintenance plan.

[40 CFR 63.6655(e), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

L.12. The owner or operator shall keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The owner or operator shall document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engines are used for demand response operation, the owner or operator shall keep records of the notification of the emergency situation, and the time the engine was operated as part of demand response.

[40 CFR 63.6655(f), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

L.13. The records in Specific Condition Nos. 11 and 12 for this emissions unit shall be kept and maintained for a minimum period of five (5) years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. Records shall be provided to the Permitting Authority upon request.

[40 CFR 63.6660, Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

Subsection M. EU038 Emergency Diesel Engine Generators (Constructed after June 12, 2006)

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
038	Emergency Diesel Engine Generators (Constructed after June 12, 2006)

Emissions Unit Description: Eight (8) emergency combustion ignition (CI) reciprocating internal combustion engines (RICE) constructed after June 12, 2006 and located at an area source of hazardous air pollutants (HAP) emissions.

{This EU is subject to 40 CFR 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, 40 CFR 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines and 40 CFR 60, Subpart A, General Provisions, Rule 62-204.800(8), FAC and Rule 2.201, JEPB.}

Emergency Generator Diesel Engine ID	Manufacturer	Date Manufactured	HP	Location
IC032	John Deere	8/23/2006	80.43	Housing Office
IC023	Cummins	11/15/2007	145	Old Building 2
IC044	Cummins	10/14/2008	145	Ground Control
IC045	Cummins	1/1/2009	250	E-Pier
IC046	Diesel	1/1/2011	418.23	Fire Station
IC047	Kohler	2013	125	Building 2482
IC048	Marathon Electric	2013	287	Building 1607
IC049	Marathon Electric	2012	600	Building 1391

[Application No. 0310213-024-AV]

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

M.1. This emissions unit shall use diesel fuel that meets the following per-gallon standards required in 40 CFR 80.510(b) for non-road diesel:

a. The sulfur content for nonroad diesel fuel shall not exceed 15 ppm.
b. The nonroad diesel cetane index shall not be less than 40 or the aromatic content shall not exceed 35 volume percent.

[40 CFR 60.4207(b), Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

M.2. The owner or operator shall operate and maintain the emergency stationary RICE according to the following:

(a) There is no time limit on the use of emergency stationary RICE in emergency situations.
(b) The emergency stationary RICE may be operated 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.
(c) The emergency stationary RICE may be operated 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 checks and readiness testing.
(d) The 50 hours per year for non-emergency situations may not be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply non-emergency power as part of a financial arrangement with another entity.

[40 CFR 60.4211(f), Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

EMISSION LIMITATIONS AND STANDARDS

M.3. The engines in this emissions unit shall not exceed the following standards of non-methane (NM) hydrocarbons + nitrogen oxides (NO_X), hydrocarbons, NOx, carbon monoxide (CO), and particulate matter (PM). The owner or operator shall comply with these emission standards over the entire life of the engine.

Emergency Generator Diesel Engine ID/kW	Engine	NM Hydrocarbons + NO_x	Hydrocarbons	NOx	CO	PM
IC023/108 kW	Cummins	4.0 g/kW-hr	----------	--------	5.0 g/kW-hr	0.3 g/kW-hr
IC044/108 kW	Cummins	4.0 g/kW-hr	----------	--------	5.0 g/kW-hr	0.3 g/kW-hr
IC045/186 kW	Cummins	4.0 g/kW-hr	----------	--------	3.5 g/kW-hr	0.2 g/kW-hr
IC046/312 kW	Diesel	4.0 g/kW-hr	----------	--------	3.5 g/kW-hr	0.2 g/kW-hr
IC047	Kohler	4.0 g/kW-hr	----------	--------	3.5 g/kW-hr	0.2 g/kW-hr
IC048	Marathon Electric	4.0 g/kW-hr	----------	--------	3.5 g/kW-hr	0.2 g/kW-hr
IC049	Marathon Electric	4.0 g/kW-hr	----------	--------	3.5 g/kW-hr	0.2 g/kW-hr

[40 CFR 60.4205(b), 40 CFR 60.4202(a)(2), 40 CFR 60.4206, Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

OPERATION AND MAINTENANCE

M.4. The owner or operator shall operate the stationary combustion ignition RICE and control devices according to the manufacturer's emission-related written instructions.

[40 CFR 60.4211(a)(1), Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

M.5. The owner or operator shall only change those emission-related settings that are permitted by the manufacturer.

[40CFR 60.4211(a)(2), Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

MONITORING REQUIREMENTS

M.6. The owner or operator of an emergency stationary combustion ignition RICE that does not meet the standards applicable to non-emergency engines shall install a non-resettable hour meter prior to startup of the engine.

[40 CFR 60.4209(a), Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

COMPLIANCE REQUIREMENTS

M.7. The owner or operator of the 2007 model year and later stationary RICE of this emissions unit must comply with the emission standards specified in 40 CFR 60.4205(b) for the same model year and maximum engine power.

[40 CFR 60.4211(c), Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

M.8. If the owner or operator does not install, configure, operate and maintain the emergency stationary combustion ignition RICE and control device according to the manufacturer's emission-related written instructions, or changes emission-related settings in a way that is not permitted by the manufacturer, the owner or operator shall demonstrate compliance as follows:

a. Keep a maintenance plan and records of conducted maintenance.
b. Maintain and operate the engine in a manner consistent with good air pollution control practices for minimizing emissions.
c. Conduct an initial performance test to demonstrate compliance with the applicable emission standards:
   (i) Within 1 year of startup or
   (ii) 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
   (iii) Within 1 year after the emission-related settings are changed in a way that is not permitted by the manufacturer.

[40 CFR 60.4211(g)(2), Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

RECORDKEEPING AND REPORTING REQUIREMENTS

M.9. Records shall be maintained for the hours of operation of the engines for emergency and non-emergency engine usage, including maintenance checks and readiness testing. This shall include all hours of operation recorded through the non-resettable hour meter. The owner or operator shall record the time of operation of the engine and the reason the engine was in operation. These records shall be kept and maintained for a minimum period of five (5) years. Records shall be provided to the Permitting Authority upon request.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

M.10. If the stationary RICE is equipped with a diesel particulate filter, the owner or operator shall keep records of any corrective action taken after the backpressure monitor has notified the owner or operator that the high backpressure limit of the engine is approached. These records shall be kept and maintained for a minimum period of five (5) years. Records shall be provided to the Permitting Authority upon request.

[40 CFR 60.4214(c), Rule 62-4.070(3), FAC, Rule 62-204.800(8), FAC, Rule 2.1401, JEPB and Rule 2.201, JEPB]

Subsection N. EU039 – Gasoline Dispensing Facility – Monthly Throughput > 100,000 Gallons

Emission Unit Description: Tank Nos. FS001 and FS002 service the Navy Exchange.

Tank ID	Storage Capacity	Location
FS001	15,000 Gallons	Bldg 2039
FS002	8,000 Gallons	Bldg 2039

40 CFR 63, Subpart CCCCCC for Gasoline Dispensing Facility (GDF)- for existing GDF, allows a GDF to be considered as in compliance with **certain** GDF NESHAP requirement if the GDF has been subject to and in compliance with similar and sufficiently stringent State/local requirements since prior to January 10, 2008. These GDF are not required to install any additional controls to meet those requirements in 40 CFR 63, Subpart CCCCCC for Gasoline Dispensing Facility and is exempt from the Initial Notification and Notification of Compliance Status provisions, and also any applicable testing provisions, associated with those requirements.

Essential Potential to Emit (PTE) Parameters

N.1. This EU shall be allowed to operate continuously; i.e.: 8,760 hrs/yr.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Management Practices

N.2. The owner or operator must 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 limited to, the following:

a. Minimize spills.
b. Clean up spills expeditiously.
c. Cover gasoline containers & storage tank fill pipes with gasketed seal when not in use.
d. Minimize gasoline sent to open collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.
*e. Submerged fill pipes installed on or before November 9, 2006, must be no more than 12 inches from the bottom of the tank.
*f. Submerged fill pipes installed after November 9, 2006, must be no more than 6 inches from the bottom of the tank.
{* Note: The distances above shall be measured from the point in the opening of the submerged fill pipe that is the greatest from the bottom of the storage tank}
g. Submerged fill pipes not meeting the specifications in e or f above are allowed, if the owner or operator can demonstrate that the liquid in the tank is always above the entire opening of the fill pipe. Documentation providing such demonstration must be made available for inspection during the course of a site visit.
h. The owner or operator must operate a vapor balance system in compliance with an enforceable State, local or tribal rule or permit and either achieves emission reduction of at least 90% or operates using management practices at least as stringent as those in Table 1 to 40 CFR Subpart CCCCCC of Part 63.

[40 CFR 63.11118 and Rule 62-252.300, F.A.C.]

Operation and Maintenance

N.3. The owner or operator must operate and maintain each gasoline dispensing facility, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.

[40 CFR 63.11115(a) and Rule 62-252.300, F.A.C.]

Subsection O. EU040 Gasoline Dispensing Facility – Monthly Throughput < 10,000 Gallons

The specific conditions in this section apply to the following emissions unit:

Emission Unit Description: Tank Nos. FS004 and FS008 service golf carts and ground maintenance equipment. Tank No. FS005 services harbor operation equipment.

Tank ID	Storage Capacity	Location
FS004	500 Gallons	Bldg 349
FS005	2,000 Gallons	Bldg 2078
FS008	500 Gallons	Bldg 2025A

{This EU is subject to 40 CFR 63.11116 and Rule 2.301, JEPB}

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

O.1. This EU shall be allowed to operate continuously; i.e.: 8,760 hrs/yr.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

EMISSION LIMITATIONS AND MANAGEMENT PRACTICES

O.2. The owner or operator must 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 limited to, the following:

a. Minimize spills.
b. Clean up spills expeditiously.
c. Cover gasoline containers & storage tank fill pipes with gasketed seal when not in use.
d. Minimize gasoline sent to open collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.

[40 CFR 63.11116(a)]

RECORDKEEPING

O.3. Records must be kept to document gasoline throughput and must be made available within 24 hours of a request by the Permitting Authority.

[40 CFR 63.11116(b)]

SECTION IV. SPECIAL CONDITION

Note: Naval Station, Mayport has requested that a surge provision (due to National Security) be placed in this permit. This provision would be in line with Title V Permits for the Department of Defense facilities in other regions. National security emergencies are actions necessary to support operation of the United States forces introduced into hostilities or introduced into situations where involvement in hostilities is indicated or a possibility, peacekeeping operations, rendering emergency humanitarian relief, actions to extinguish wildfires, immediate responses to the release or discharge of oil or hazardous material in accordance with approved Spill Prevention and Response Plans and Spill Contingency Plans, and responses to natural disasters such as hurricanes, earthquakes or civil disturbances.

Specific Condition No. O.3 continued:

When a national security emergency occurs, the resulting surge conditions shall not be considered in determining compliance with permit terms. [40 CFR Part 70.6]

a. For purposes of this condition, a "national security emergency " means a situation where extremely quick action on the part of a Military Department, Department of Defense or Homeland Security component is needed and when timing of such action may make it impracticable to meet one or more requirements of an applicable permit.
b. A "surge condition" occurs when the temporary response to the national security emergency requires an increase above and beyond the normal operation levels of the installation or activity, and, such increase cannot be accommodated with the terms of the applicable permit limitations.

The commander of Naval Station, Mayport shall determine when a national security emergency surge condition exists and shall provide notice of the surge condition to the Florida Department of Environmental Protection (FDEP) and to Region 4 of the United States Environmental Protection Agency (USEPA) and shall report such determination to their chain of command in writing, within five working days after the start of the surge conditions [40 CFR Part 70.6].

The commander of Naval Station, Mayport shall make a determination that a national security emergency surge condition exists only after making reasonable efforts to accommodate the increase within the allowable requirements and permit limits [40 CFR Part 70.6].

If the national security emergency surge condition extends beyond 30 calendar days from the date of the notice, the continued use of this national security emergency provision must be approved by the responsible Assistant Secretary of the Navy for Installations and Environment [40 CFRR Part 70.6].

Within 45 working days after the emergency surge condition has ended, the commander of Naval Station, Mayport shall provide a written report to the FDEP, USEPA Region 4 and Assistant Secretary of the Navy for Installation and Environment, describing the amount of increased pollutants caused by the surge condition [40 CFR Part 70.6].

SECTION IV. APPENDICES.

The Following Appendices Are Enforceable Parts of This Permit:

Appendix A, Glossary.
Appendix A, Glossary.
Appendix I, List of Insignificant Emissions Units and/or Activities.
Appendix NESHAP, Subpart A – General Provisions.
Appendix NESHAP, ZZZZ.
Appendix NSPS, Subpart A – General Provisions.
Appendix NSPS, Subpart IIII.
Appendix RR, Facility-wide Reporting Requirements.
Appendix TR, Facility-wide Testing Requirements.
Appendix TV, Title V General Conditions.
Appendix U, List of Unregulated Emissions Units and/or Activities.
Appendix Housing Operations
Best Available Control Technology Determinations
Operation and Maintenance Plan
Table 1-1, Summary of Air Pollutant Standards and Terms
Table 2-1, Summary of Compliance Requirements

SECTION IV. APPENDICES.

The Following Appendices Are Enforceable Parts of This Permit:

Figure 1, Summary Report-Gaseous and Opacity Excess Emission and Monitoring System Performance (40 CFR 60, July, 1996).
Table H, Permit History.
Table 1, Summary of Air Pollutant Standards and Terms.
Table 2, Compliance Requirements.
Appendix LR-1, Local Rule Index