Department of the Navy
Naval Station, Mayport

Facility ID No.: 0310213
Duval County

Title V Air Operation Renewal
DRAFT/PROPOSED Permit No.: 0310213-023-AV
Renewal of Title V Air Operation Permit No. 0310213-020-AV

Permitting and Compliance Authority:

Department of Environmental Protection
Northeast District Office
Waste and Air Resource Management Program
8800 Baymeadows Way W., Suite 100
Jacksonville, Florida 32256
Telephone: 904/256-1700
Fax: 904-256-1590

TITLE V AIR OPERATION PERMIT RENEWAL

DRAFT/PROPOSED Title V Air Operation Permit No.: 03100213-023-AV
Renewal of Permit No.: 0310213-020-AV

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Emission Unit 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
~~020~~	~~Engine Test Stand~~
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

Statement of Basis
Appendix Housing Operations
Best Available Control Technology (BACT) Determinations
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Table 2-1, Summary of Compliance Requirements

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

NORTHEAST DISTRICT
8800 BAYMEADOWS WAY WEST, SUITE 100
JACKSONVILLE, FLORIDA 32256

RICK SCOTT
GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

Permittee:
Department of the Navy
Naval Station, Mayport
P.O. Box 280112
Jacksonville, FL 32228-0112

Draft/Proposed Permit No.: 0310213-023-AV
Facility ID No.: 0310213
SIC Nos.: 99
Project: Title V Air Operation Permit Renewal

The purpose of this permit is to renew Title V Air Operation Permit No. 0310213-020-AV. Naval Station, Mayport is located at Old Mayport Road, Mayport, Duval County, 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.

This Title V Air Operation Permit is issued under the provisions of Chapter 403, Florida Statutes (FS) and Chapters 62-4, 62-210, and 62-213 Florida Administrative Code (FAC). The above named permittee is hereby authorized to operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the Neighborhoods Department, Environmental Quality Division (Permitting Authority), in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

Statement of Basis
Appendix Housing Operations
Best Available Control Technology Determinations
Operation and Maintenance Plan
Appendix I-1, List of Insignificant Emission Units and/or Activities
Appendix U-l, List of Unregulated Emission Units
Appendix SS-1, Stack Sampling Facilities
Appendix TV-6, Title V Conditions

Effective Date: xx/xx/xx
Renewal Application Due Date: xx/xx/xx
Expiration Date: xx/xx/xx

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

RSR/lm

Section I. Facility Information.

Subsection A. Project and Facility Description

The purpose of this permit is to renew Title V Air Operation Permit No. 0310213-020-AV. Additionally, two (2) new emissions units were created for thirty-two (32) emergency stationary compression ignition reciprocating internal combustion engines (RICE). The emergency stationary compression ignition RICE are subject to 40 CFR 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary RICE, 40 CFR 63, Subpart A, 40 CFR 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, and 40 CFR 60, Subpart A, General Provisions. The emergency generators greater than 500 kW under Emission Unit No. 018, currently listed under Appendix U-1, List of Unregulated Emission Units and/or Activities, will now be under one of the newly formed emission units. Two new emission units were created for four Gasoline Dispensing Facilities. These gasoline dispensing facilities are subject to 40 CFR 63, Subpart CCCCCC, National Emissions Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities and 40 CFR 63, Subpart A. The Fuel Storage Tanks at a Gasoline Dispensing Facility greater than 500 Gallons capacity each under Emission Unit No. 019, currently listed under Appendix U-1, List of Unregulated Emission Units and/or Activities, will now be under one of the newly formed emission units. Emission Unit Nos. 001, 002 003 and 035 are not subject to 40 CFR 63 Subpart JJJJJJ, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers Area Sources because they are gas-fired boilers in accordance with 63.11195(e) and 63.11237.

The Department of the Navy operates Naval Station, Mayport as the homeport for aircraft carriers 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.

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.

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

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

Note: 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 provided to the permittee for information purposes only:

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers
Appendix H-1, Permit History
Appendix LR-1, Local Rule Index
Table 1-1, Summary of Air Pollutant Standards and Terms
Table 2-1, Summary of Compliance Requirements

These documents are on file with the Permitting Authority:

Title V Air Operation Permit No. 0310213-020-AV
Title V Air Operation Permit Amendment to Permit No. 0310213-020-AV, Permit Project No. 031213-021-AV
Title V Air Operation Permit Revision, Permit No. 0310213-022-AV.
Title V Air Operation Permit Renewal Application received May 17, 2013

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. Appendix TV-6, Title V Conditions, is a part of this permit.
   {Permitting Note: Appendix TV-6, Title V Conditions, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested, or otherwise appropriate.}

2. 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 Permitting Authority.
   [Rule 62-296.320(1), FAC, and Rule 2.1101, JEPB]

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) in accordance with Rule 62-296.320(4)(b)1., FAC, 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.

4. Stack sampling facilities and control equipment shall be provided with a method of access that is safe and readily accessible.
   [Rule 62-297.310(6), FAC, and Rule 2.1201, JEPB]

5. Excess emissions resulting from startup, shutdown, or malfunction of any emission unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Permitting Authority for longer duration. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Permitting Authority in accordance with Rule 62-4.130, FAC and Rule 2.1401, JEPB. A full written report on the malfunctions shall be submitted to the Permitting Authority in a quarterly report, if requested by the Permitting Authority.
   [Rule 62-210.700(1)(4), and (6), FAC, and Rule 2.301, JEPB]

6. Permittee shall notify the Permitting Authority fifteen (15) days prior to the date of each formal compliance test conducted for an emissions unit.
   [Rule 62-297.310(7)(a)9., FAC, and Rule 2.1201, JEPB]

7. Testing of emissions shall be conducted with the Emissions Unit operating at permitted capacity. Permitted capacity is defined as 90-100 percent of the maximum operating rate allowed by the permit. If it is impracticable to test at permitted capacity, then the EU(s) may be tested at less than capacity; in this case subsequent EU operation is limited to 110 percent of the test load until a new test is conducted. Once the EU is so limited, then operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the permitted capacity in the permit.
   [Rule 62-297.310(2), FAC, and Rule 2.1201, JEPB]

8. Copies of the test report(s) shall be filed with the Permitting Authority within forty-five (45) days of completion of testing.
[Rule 62-297.310(8)(b), FAC, and Rule 2.1201, JEPB]

9. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter emissions 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 include the following:

   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, FAC, and Rule 2.1101, JEPB]

10. Prevention of Accidental Releases (Section 112(r) of CAA).
    a. The permittee shall submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center when, and if, such requirement becomes applicable. 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

    and,

    b. The permittee shall submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), FAC.

    [40 CFR 68]

11. Annual Operation Report. Permittee shall submit an annual operating report to the Permitting Authority for all emissions units on the forms supplied for each calendar year by April 1 of the following year.
[Rule 62-210.370(3), F.A.C. and Rule 2.301, JEPB]

12. Permit Renewal. For purposes of a permit renewal, a timely application is one that is submitted 225 days before the expiration of a permit that expires on or after June 1, 2009.
[Rule 62-213.420(1)(a)2., F.A.C. and Rule 2.501, JEPB]

13. Notification of Startup. The owners or operator of any emissions unit or facility which has a valid air operation permit which has been shut down more than one year, shall notify the Permitting Authority in writing of the intent to start up such emissions unit or facility, a minimum of 60 days prior to the intended startup date.

    a. The notification shall include information as to the startup date, anticipated emission rates or pollutants released, changes to processes or control devices which will result in changes to emission rates, and any other conditions which may differ from the valid outstanding operation permit.
    b. If, due to an emergency, a startup date is not known 60 days prior thereto, the owner shall notify the Permitting Authority as soon as possible after the date of such startup is ascertained.

    [Rule 62-210.300(5), F.A.C. and Rule 2.301, JEPB]

14. Insignificant Emission Units and/or Activities, Appendix I-1, List of Insignificant Emission Units and/or Activities, is a part of this permit.
    [Rule 62-213.440(1), FAC, Rule 62-213.430(6), FAC, and Rule 62-4.040(1)(b), FAC; Rule 2.501, JEPB, and Rule 2.1401, JEPB]

15. Annual Emissions Fee Form and Fee. The annual Title V emissions fees are due (postmarked) by March 1st of each year. The completed form and calculated fee shall be submitted to: Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070. The forms are available for download 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".
    [Rule 62-213.205, FAC and Rule 2.501, JEPB]

16. Certification by Responsible Official (RO). In addition to the professional engineering certification required for applications by Rule 62-4.050(3), FAC, any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, FAC, shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. Any responsible official who fails to submit any required information or who has submitted incorrect information shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or correct information.
    [Rule 62-213.420(4), FAC and Rule 2.501, JEPB]

17. Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3)(a)2., FAC, shall be submitted to the Permitting Authority and EPA within 60 (sixty) days after the end of the calendar year using DEP Form No. 62-213.900(7), FAC. {Permitting Note: This condition implements the requirements of Rules 62-213.440(3)(a)2. & 3., F.A.C. (see Condition 51. of Appendix TV-6, Title V Conditions)}
    [Rules 62-213.440(3) and 62-213.900, FAC, and Rule 2.501, JEPB]

18. When appropriate, any recording, monitoring or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.
    [Rule 62-213.440, FAC and Rule 2.501, JEPB]

19. Any reports, data, notifications, certifications, and requests required to be sent to the United States Environmental Protection Agency should be sent to:

United States Environmental Protection Agency
Region 4
Air, Pesticides & Toxics Management Division
Air and EPCRA Enforcement Branch, Air Enforcement Section
61 Forsyth Street
Atlanta, GA 30303-8960
Telephone: (404) 562-9155
Fax: (404) 562-9163

20. The permittee shall submit reports of any required monitoring at least every six (6) months. All instances of deviations from permit requirements must be clearly identified in such reports. The permittee shall report in accordance with the requirements of Rule 62-210.700(6), FAC, Rule 62-4.130, FAC, Rule 2.301, JEPB, and Rule 2.1401, JEPB, deviations from permit requirements, including those attributable to upset conditions as defined in the permit. Reports shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All reports shall be accompanied by a certification by a responsible official, pursuant to Rule 62-213.420(4), FAC, and Rule 2.501, JEPB. Unless otherwise specified in **a permit, rule, or order;** reports shall cover the period of January through June (report due on or before September 1) and July through December (report due on or before March 1).
[Rule 62-213.440(1)(b)3., FAC, and Rule 2.501, JEPB]

21. 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]

22. 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]

23. The permittee shall submit all compliance related notifications and reports required of this permit to:

Department of Environmental Protection
Northeast District Office
Waste and Air Resource Management Program
8800 Baymeadows Way W., Suite 100
Jacksonville, Florida 32256
Telephone: 904/256-1700
Fax: 904-256-1590

The following Facility-wide conditions are not federally enforceable

24. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor. [Rule 62-296.320(2), FAC, and Rule 2.1101, JEPB]

25. 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].

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

Section III. Emissions Unit(s) and Conditions.

Emission Unit No. 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.

Essential Potential to Emit (PTE) Parameters

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

Emission Limitations and Standards

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), FAC, and Rule 2.301, JEPB]

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), FAC, and Rule 2.301, JEPB]

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]

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).~~ [BACT dated 10/20/99]

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), FAC, and 2.1101, JEPB]

Test Methods and Procedures

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]

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)., FAC, and Rule 2.1201, JEPB]

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]

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), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting

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. 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), FAC, and Rule 2.501, JEPB]

Emission Unit No. 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.

Essential Potential to Emit (PTE) Parameters

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

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), FAC, and Rule 2.301, JEPB]

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]

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]

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).~~
[BACT dated 10/20/99]

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), FAC, and 2.1101, JEPB]

Test Methods and Procedures

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]

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)., FAC, and Rule 2.1201, JEPB]

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]

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), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting

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. 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), FAC, and Rule 2.501, JEPB]

Emission Unit No. 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.

Essential Potential to Emit (PTE) Parameters

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

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), FAC, and Rule 2.301, JEPB]

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]

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]

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).~~
   [BACT dated 10/20/99]

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), FAC, and 2.1101, JEPB]

Test Methods and Procedures

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]

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)., FAC, and Rule 2.1201, JEPB]

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]

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), FAC, and Rule 2.2101, JEPB]

Recordkeeping and Reporting

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. 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), FAC, and Rule 2.501, JEPB]

Emission Unit No. 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

Essential Potential to Emit (PTE) Parameters

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]

2. The nominal volumetric flow rate is estimated at 14,000 dry standard cubic feet per minute (dscfm).
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

3. Maximum abrasive blasting media usage is estimated at 600 pounds per hour (lbs/hr).
[Rule 62-212.300(1)(d), and Rule 2.401, JEPB]

Emission Limitations and Standards

4. 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], shall apply to this emission unit.

5. PM emissions shall not exceed 0.03 gr/dscf [3.60 lbs/hr and 15.77 TPY].
[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

6. Visible Emissions (VE) shall not exceed 5% opacity.
[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

7. 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]

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]

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]

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

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]

Emissions Unit No. 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.

Essential PTE Parameters

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]

2. The estimated maximum usage of paints, solvents and adhesives is 72,371 gallons per year.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB] 0310215-042-AV

Emissions Limitations and Standards

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 No.2)
[Rule 62-296.320(1), FAC, and Rule 2.1101, JEPB]

Recordkeeping Requirements

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-~~applied~~-supplied VOC content (lbs/gal) of each ~~coating~~ solvent/ thinner or the results of EPA RM 24
   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

5. See **Section II**, **Facility-Wide Conditions,** Condition No. 20.

Test Methods and Procedures

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. ~~with the approval of the Department.~~
   [Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB.]

Emission Unit No. 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)

Essential PTE Parameters

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]

2. The nominal volumetric flow rate is estimated at 37,400 dscfm.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

3. Maximum abrasive blasting media usage is estimated at 2,995 tons per year (tons/yr).
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

4. 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], shall apply to this emission unit.

5. 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]

6. VE shall not exceed 5% opacity.
[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

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]

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]

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]

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

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]

Emission Unit No. 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

Essential Potential to Emit (PTE) Parameters

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]

2. The nominal volumetric flow rate is estimated at 9,500 cubic feet per minute (cfm).
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

3. Maximum abrasive blast media usage is estimated at 1,800 tons/yr.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

4. 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.

5. PM emissions shall not exceed 0.03 gr/dscf [2.44 lbs/hr and 10.69 TPY].
   [Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

6. VE shall not exceed 5% opacity.
   [Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

7. 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]

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]

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]

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 Requirements

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]

Emission Unit No. 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

Essential PTE Parameters

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]

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

3. 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. ADDED

4. 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]

5. 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]

6. VE shall not exceed 5% opacity.
[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

7. 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]

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]

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]

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 Requirements

11. 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]

12. 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]

13. 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]

Emission Unit No. 034 – Controlled Pyrolysis Cleaning Furnace (Burnout Oven)

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)

Essential Potential To Emit (PTE) Parameters

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]

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]

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

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]

5. No objectionable odor shall be allowed.
   [Rule 62-296.401(2)(b), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

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]

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]

Emission Unit No. 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.

Essential Potential to Emit (PTE) Parameters

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

2. 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units and 40 CFR 60, Subpart A, General Provisions, shall apply to the boiler.

3. The estimated maximum heat input shall not exceed ~~42~~ 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]

4. 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]

5. 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]

6. 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).

7. 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

8. 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]

9. 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]

10. 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]

11. 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

12. 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]

13. 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]

14. 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]

15. 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]

Emission Unit No. 036 –SERMC Abrasive Blast Booth No. 4, 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

Essential PTE Parameters

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]

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]

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

4. 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], shall apply to this emission unit.

5. 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]

6. VE shall not exceed 5% opacity.
[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

7. 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]

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]

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]

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 Requirements

11. 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]

12. 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]

13. 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]

Emissions Unit No. 037 – Emergency Diesel Engine Generators (Constructed prior to June 12, 2006)

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.}

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

Emergency Generator Diesel Engine ID	Manufacturer	Date Manufactured	HP	Location
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 ~~operate less than 15 hours per calendar year~~ **do not** operate or are not contractually obligated to be available for more than 15 hours per calendar year for the purposes. However, if these engines operate greater than 15 hours per calendar year they must comply with the requirements for stationary emergency engines.

1. 40 CFR 63, Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines and 40 CFR 63, Subpart A, General Provisions shall apply to the engines of this emissions unit.
[40 CFR 63.6585, Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

2. 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

3. 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]

4. 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

5. 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]

6. 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]

7. 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]

8. 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

9. 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

10. 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]

11. 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

12. 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]

13. 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]

14. 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]

Emissions Unit No. 038 – Emergency Diesel Engine Generators (Constructed after June 12, 2006)

Emissions Unit Description: Five (5) existing 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.

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	FireStation

1. These engines are 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.
[40 CFR 63.6590(c), Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

Essential Potential to Emit (PTE) Parameters

2. 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]

3. 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 Operating Requirements

4. 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

[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

5. 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]

6. 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

7. 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

8. 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]

9. 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

10. 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]

11. 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]

Emission Unit No. 039 – 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

Essential Potential to Emit (PTE) Parameters

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

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 peri~~u~~ods 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 5 or 6 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]

Operation and Maintenance

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)]

4. The owner or operator shall install and operate a vapor balance system on all gasoline storage tanks that meet the design criteria as follows:

   a. All vapor connections and lines on the storage tank shall be equipped with closures that seal upon disconnect.
   b. The vapor line from the gasoline storage tank to the gasoline cargo tank shall be vapor-tight, as defined in 40 CFR 63.11132 (if applicable).
   c. The vapor balance system shall be designed such that the pressure in the tank truck does not exceed 18 inches water pressure or 5.9 inches water vacuum during product transfer.

d. The vapor recovery and product adaptors, and the method of connection with the delivery elbow, shall be designed so as to prevent the over-tightening or loosening of fittings during normal delivery operations.
e. If a gauge well separate from the fill tube is used, it shall be provided with a submerged drop tube that extends the same distance from the bottom of the storage tank as specified in 40 CFR 63.11117(b).
f. Liquid fill connections for all systems shall be equipped with vapor-tight caps.
g. Pressure/vacuum (P/V) vent valves shall be installed on the storage tank vent pipes. The pressure specifications for PV vent valves shall be: a positive pressure setting of 2.5 to 6.0 inches of water and a negative pressure setting of 6.0 to 10.0 inches of water. The total leak rate of all PV vent valves at an affected facility, including connections, shall not exceed 0.17 cubic foot per hour at a pressure of 2.0 inches of water and 0.63 cubic foot per hour at a vacuum of 4 inches of water.
h. The vapor balance system shall be capable of meeting the static pressure performance requirement of the equation in Table 1(h) to Subpart CCCCCC of Part 63.

[Table 1, Item 1(a)-(h) to Subpart CCCCCC of Part 63]

Compliance Requirements

5. If you have an existing source, you must comply with the standards in this subpart no later than January 10, 2011.
[40 CFR 63.11113(b)]

Notification

6. The owner or operator must notify the Permitting Authority 60 days prior to conducting ~~test~~ required tests.
[40 CFR 63.7(b)(1)]

~~Test Methods and~~ Procedures

7. ~~The owner or operator, shall conduct an initial compliance test at the time if installation, as specified in 63.11113(e), of a vapor balance system required under 63.1111.8(b)(1), and every 3 years thereafter, must comply with the requirements in paragraphs (a)(1) and (2) of this section.~~
~~[63.11120(a)]~~ RESERVED

8. The owner or operator shall report, by March 15 of each year, the number, duration, and brief description of each type of malfunction which occurred during the previous calendar year and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction to minimize emissions, including actions taken to correct a malfunction. No report is necessary for a calendar year in which no malfunctions- occurred.
[40 CFR 63.11126(b)]

Recordkeeping and Reporting Requirements

9. The owner or operator shall maintain records of the initial compliance test and those compliance tests every 3 years thereafter. Records shall be kept for a period of 5 years and made available during the course of a site visit.
[40 CFR 63.11125(a)]

10. Records of all volumetric efficiency test required under 40 CFR 63.11120(b) shall be submitted to the Permitting Authority within 180 days of completion of the performance test.
[40 CFR 63.11126(a)]

Emission Unit No. 040 – Gasoline Dispensing Facility – Monthly Throughput < 10,000 Gallons

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

Essential Potential to Emit (PTE) Parameters

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

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

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.

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].