COMPLIANCE CERTIFICATION
JANUARY 1, 2015 – DECEMBER 31, 2015

TITLE V
FEDERAL OPERATING PERMIT
PART 70 PERMIT NO. 01207

NAVAL BASE VENTURA COUNTY
SAN NICOLAS ISLAND

For submittal to:

Ventura County Air Pollution Control District
669 County Square Drive
Ventura, CA 93003

EPA Region IX
75 Hawthorne St.
San Francisco, CA 94105

DEPARTMENT OF THE NAVY
NAVAL BASE VENTURA COUNTY
311 MAIN ROAD SUITE 1
POINT MUGU, CA 93042-5033

IN REPLY REFER TO
5090
Ser N0000CV/0142
09 FEB 16

Mr. Dan Searcy
Manager Compliance Division
Ventura County
Air Pollution Control District
669 County Square Drive
Ventura, CA 93003

Dear Mr. Searcy:

SUBJECT: 2015 TITLE V PERMIT ANNUAL COMPLIANCE CERTIFICATION

Enclosures (1) through (3) are the Annual Compliance Certification documents for Title V Federal Operating Permit (Part 70 Permit) Numbers 00997, 01006, and 01207 issued to the Naval Base Ventura County. The enclosed documents are for the period January 1, 2015 through December 31, 2015.

The enclosed documents are submitted to fulfill the requirements stated in Condition 15, Section 10 of our Part 70 Permits. If you have any questions on the submitted documents, please contact Mr. Hasan Jafar by telephone at (805) 989-3210.

Sincerely,

C. D. JANKE
Captain, U.S. Navy
Commanding Officer

Enclosures: 1. Annual Compliance Certification Document for Title V Permit Number 00997
2. Annual Compliance Certification Document for Title V Permit Number 01006
3. Annual Compliance Certification Document for Title V Permit Number 01207

Ventura County
FEB 12 2016
Air Pollution Control District

COMPLIANCE CERTIFICATION
JANUARY 1, 2015 - DECEMBER 31, 2015

TITLE V FEDERAL OPERATING PERMIT
PART 70 PERMIT NO. 01207

NAVAL BASE VENTURA COUNTY
SAN NICOLAS ISLAND

1 COMPLIANCE CERTIFICATION FOR SPECIFIC APPLICABLE REQUIREMENTS

2 COMPLIANCE CERTIFICATION FOR PERMIT SPECIFIC CONDITIONS

3 COMPLIANCE CERTIFICATION FOR GENERAL APPLICABLE REQUIREMENTS

4 COMPLIANCE CERTIFICATION FOR SHORT-TERM ACTIVITIES

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8 APPENDIX– B OPACITY SURVEY

9 APPENDIX– C POWERHOUSE KILOWATT HOURLY LOG - DAILY GENERATION REPORTS

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Ventura County
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ANNUAL COMPLIANCE CERTIFICATION
SIGNATURE COVER FORM

A copy of each Annual Compliance Certification shall be submitted to EPA, Region 9, at the following address:

Mr. Gerardo Rios, Chief
Permits Office (AIR-3)
Office of Air Division
EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105

Confidentiality

All information in a Part 70 permit compliance certification is public information. The Part 70 permit is also public information.

Certification by Responsible Official

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this compliance certification are true, accurate, and complete.

Signature and Title of Responsible Official:	Date:
Title: Chris D Janke, Captain, U.S. Navy Commanding Officer, Naval Base Ventura County	2/9/16

Time Period Covered by Compliance Certification

01 / 01 / 15 (MM/DD/YY) to 12 / 31 / 15 (MM/DD/YY)

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PART 70 PERMIT NO. 01207

NAVAL BASE VENTURA COUNTY
SAN NICOLAS ISLAND

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Period Covered by Compliance Certification: 01 / 01 / 15 (MM/DD/YY) to 12 / 31/ 15 (MM/DD/YY)

A. Attachment # or Permit Condition #: Attachment 70N3-reissue571, Condition No. 1	D. Frequency of monitoring: Periodic
B. Description: General requirements of Rule 70, including requirements for pressure/vacuum relief valves at vent pipes, requirements for bulk transfers, and good operating practices	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: All vent pipes are equipped with the appropriate pressure/vacuum relief valve. The pressure/vacuum relief valve connection on the Hirt VCS-200 system is within 12" of the vapor processor (1.1). Proper operation of valves is verified during routine inspections. All bulk transfers from gasoline storage tanks during this compliance certification period utilized a vapor recovery system (1.2). Good operating practices are ensured by periodic monitoring by the Naval Base Ventura County (NBVC) field operations team (1.3).	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 70N3-reissue571, Condition No. 2	D. Frequency of monitoring: Periodic
B. Description: Phase I vapor recovery requirements as applicable to the fueling facility on San Nicolas Island	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Presence and length of submerged fill pipe (2.1) are verified at the time of annual inspections. Lack of leaks (2.1 and 2.3) is ensured by periodic inspection. Presence of CARB-certified Phase I VRS (2.2) and popetted dry breaks (2.5) are verified at the time of the annual inspection. The Phase I VRS meets all CARB requirements (2.4).	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 70N3-reissue571, Condition No. 3	D. Frequency of monitoring: Periodic
B. Description: Phase II vapor recovery requirements as applicable to the San Nicolas Island fueling facility	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Presence of CARB-certified Phase II system is verified at the time of installation, and has not changed (3.1). The presence of clearly marked, CARB Certified components (3.2), Good working order" and the absence of leaks (3.3), UL listed riser hose (3.5), coaxial vapor recovery hoses (3.6), insertion interlocks (3.7), and liquid removal devices (3.9) are verified at the time of the annual inspections. Environmental Division Air Quality Program Personnel (EDAQP) ensure that the minimum maintenance requirements are performed and the keep maintenance records (3.10). The Hirt VCS-200 processor is installed over five feet above grade and in accordance with CARB Executive Order G-70-139 (3.8). All applicable requirements of CARB Executive Order G-70-33 are adhered to (3.11). Records are kept of all condensate fluid level inspections and of liquid volume drained from the condensate tank (3.12). Proper ongoing maintenance of the Hirt VCS-200 fueling facility is ensured by the NBVC Supply Department, Fuel Branch. Static integrity and liquid removal tests were performed on 10/22/2015.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition Attachment 70N3-reissue571, Condition No. 4	D. Frequency of monitoring: Periodic
B. Description: Requirement that Phase II vapor recovery systems be operated with none of the defects listed in California Code of Regulations Section 94006, Subchapter 8, Chapter 1, Part III, of Title 17 and that defective equipment be tagged "out of order" and not operated per Condition 4.2	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Proper ongoing maintenance of the San Nicolas Island fueling facility is ensured by the NBVC Supply Department, Fuel Branch. Periodic checks for proper station maintenance are conducted by Environmental Division Air Quality Program (EDAQP).	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 70N3-reissue571, Condition No. 5	D. Frequency of monitoring: Periodic
B. Description: Requirement that proper signs be posted at the San Nicolas Island fueling facility as listed in Conditions 5.1 through 5.5	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Proper ongoing maintenance of the San Nicolas Island fueling facility is ensured by the NBVC Supply Department, Fuel Branch. Periodic checks for proper signage are conducted by the EDAQP. Proper signage is also verified at the time of the annual compliance inspection.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 70N3-reissue571, Condition No. 6.1	D. Frequency of monitoring: N/A
B. Description: Exemption from annual gasoline station testing requirements at the San Nicolas Island fueling facility	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: The Stationary source is exempt from annual testing requirements	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: 01 / 01 / 15 (MM/DD/YY) to 12 / 31/ 15 (MM/DD/YY)

A. Attachment # or Permit Condition #: Attachment 70N3-reissue571, Condition No. 7.1	D. Frequency of monitoring: Periodic
B. Description: Requirement for the San Nicolas Island fueling facility to keep records of tests performed on the vapor recovery systems	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Records of tests of the vapor recovery systems at the San Nicolas Island fueling facility are maintained by the EDAQP.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 70N-reissue571, Condition No. 7.2	D. Frequency of monitoring: Periodic
B. Description: Requirement for the San Nicolas Island fueling facility to keep records of all maintenance performed on the vapor recovery systems	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Records of all maintenance of the vapor recovery system at the San Nicolas Island fueling facility are maintained by the EDAQP. Records contain the required elements and are reviewed periodically by the EDAQP.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 70N3-reissue571, Condition No. 7.3	D. Frequency of monitoring: Weekly
B. Description: Requirement for the San Nicolas Island fueling facility to keep records of all condensate collection tank fluid level inspections and the dates and volumes of liquid drained be maintained	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Records of all condensate tank inspections and collection at the San Nicolas Island fueling facility are maintained by the EDAQP. Records contain the required elements and are reviewed periodically by the EDAQP. These records are available to District upon request.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 70N3-reissue571, Condition No. 8	D. Frequency of monitoring: Per Operation
B. Description: Requirement to submit an application prior to any major modification to the San Nicolas Island fueling facility(8.1)	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: No major modifications were made at the San Nicolas Island fueling facility during the compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: 01 / 01 / 15 (MM/DD/YY) to 12 / 31/ 15 (MM/DD/YY)

A. Attachment # or Permit Condition #: Attachment 40CFR63ZZZZN3, Condition No. 1	D. Frequency of monitoring:
B. Description: Requirement that all existing emergency stationary diesel reciprocating internal combustion engines (RICE) comply with the maintenance requirements of Section 63.6603(a), Table 2d of 40 CFR Part 63, Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutant (NESHAP) for RICE	For air cleaner every 1000 hours of operation or annually, whichever comes first; and for oil, filter, hoses, and belts every 500 hours of operation or annually, whichever comes first
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Naval Base Ventura County has developed a maintenance plan to ensure compliance with the maintenance requirements of Section 63.6603(a), Table 2d, of 40 CFR Part 63, Subpart ZZZZ.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 40CFR63ZZZZN3, Condition No. 2	D. Frequency of monitoring:
B. Description: Requirement that all existing emergency diesel stationary RICE are operated and maintained according to the manufacture's emission-related written instructions or an NVBC plan in a manner which minimizes emissions	Routine
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: All existing emergency diesel stationary RICE were operated and maintained according to the manufacturer's instructions and RICE NESHAP maintenance requirements during the compliance certification period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 40CFR63ZZZZN3, Condition No. 3	D. Frequency of monitoring:
B. Description: Requirement that existing emergency diesel stationary RICE are equipped with a non-resettable hour meter	Monthly
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: All existing emergency diesel stationary RICE are equipped with a non-resettable hour meter.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 40CFR63ZZZZN3, Condition No. 4	D. Frequency of monitoring: Routine
B. Description: Requirement that permittee minimize the engine's time spent at idle during startup, not to exceed 30 minutes	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: To conserve resources and reduce emissions, NBVC limits the idling of stationary engines to the period of time required to bring the subject engines to a mechanically optimal operating temperature. In no case do these periods of optimization exceed 30 minutes.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 40CFR63ZZZZN3, Condition No. 5(b)	D. Frequency of monitoring: N/A
B. Description: Requirement that existing emergency diesel stationary RICE operations is limited to 100 hours per calendar year for maintenance and testing, emergency demand response, frequency deviation situations, and up to 50 hours per year for non-emergency situations.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: None of the existing emergency diesel stationary RICE was operated more than 100 hours during the compliance certification period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 40CFR63ZZZZN3, Condition No. 5(c)	D. Frequency of monitoring: N/A
B. Description: Operation of the existing emergency diesel stationary RICE for Peak shaving or non-emergency demand response program	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: None of the existing emergency stationary RICE located at NBVC was operated for peak shaving or non-emergency demand response during the compliance certification period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 40CFR63ZZZZN3, Condition No. 6	D. Frequency of monitoring:
B. Description: Recordkeeping requirements	Monthly
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Naval Base Ventura County has developed a maintenance plan to ensure compliance with the maintenance requirements of 40 CFR Part 63, Subpart ZZZZ. The records of maintenance will be retained by the Environmental Division Air Quality Program (EDAQP). All stationary emergency RICE at NBVC are equipped with non-resettable hour meters. Hours of operation are tracked by the EDAQP. Maintenance records are included in Appendix D.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 40CFR63ZZZZN3, Condition No. 9	D. Frequency of monitoring:
B. Description: Requirement that on an annual basis, the permittee shall certify that all engines at the stationary source are operated in compliance with 40 CFR Part 63, Subpart ZZZZ, NESHAP for RICE	N/A
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: All engines at NBVC were operated in compliance with 40 CFR Part 63, Subpart ZZZZ, NESHAP for RICE during the compliance certification period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 40CFR63ZZZZN8	D. Frequency of monitoring: Routine
B. Description: National Emission Standards for Hazardous Air Pollutants for stationary reciprocating internal combustion engines, existing non-emergency diesel engines greater than 300 HP operating at San Nicolas Island	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: All existing non-emergency diesel engines greater than 300 HP were operated in compliance with 40 CFR Part 63, Subpart ZZZZ during the compliance certification period by meeting the engine criteria established in the National Security Exemption letter issued by the Environmental Protection Agency on 26 April, 2013.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: 01 / 01 / 15 (MM/DD/YY) to 12 / 31/ 15 (MM/DD/YY)

A. Attachment # or Permit Condition #: Attachment 40CFR60IIIIN3	D. Frequency of monitoring: Routine
B. Description: New Source Performance Standards (NSPS) for stationary compression ignition internal combustion diesel engines are operated at San Nicolas Island	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: All stationary compression ignition internal combustion engines manufactured after April 1, 2006 were operated in compliance with 40 CFR Part 63, Subpart IIII during the compliance certification period by meeting the engine criteria established in the National Security Exemption letter issued by the Environmental Protection Agency on April 26, 2013.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: 01 / 01 / 15 (MM/DD/YY) to 12 / 31/ 15 (MM/DD/YY)

A. Attachment # or Permit Condition #: 74.9N10 & ATCMs	D. Frequency of monitoring: Periodic
B. Description: Rule 74.9.D.10 Exemption to Rule 74.9 and ATCM operating and emission standards for diesel engines operated on San Nicolas Island	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Rule 74.9.D.10 exempts San Nicolas Island (SNI) engine operations from emission control requirements (74.9.10.B), engine operator inspection requirements (74.9.10.C) and record keeping requirements (74.9.10.E) (1). A database of SNI engines is kept by the Environmental Division Air Quality Program, but no emission control equipment or engine operator inspection program is maintained or required per the exemption stated above in Condition 1 (74.9.D.10), therefore no data is available to report (2). Routine surveillance of diesel fired engines on SNI is maintained (3). Exemption from ATCM fuel requirements (4). Information listed in Section (e)(4)(A)3 of the ATCM has been submitted to the Ventura County Air Pollution Control District (5). Pursuant to Section (e)(4)(I)1, there are no emergency engines located on SNI (6). Portable diesel- fueled engines operated on SNI are not subject to ATCM requirements (7).	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: 01 / 01 / 15 (MM/DD/YY) to 12 / 31/ 15 (MM/DD/YY)

A. Attachment # or Permit Condition #: Attachment PO1207PC1-rev421,491,501,511,521 Condition No. 1	D. Frequency of monitoring: Monthly
B. Description: Requirement to keep monthly records of throughput, hours of operation, and usage for all operations listed in Table 3 of Permit 1207. On an ongoing basis, monthly usage for each operation is to be summed for the previous 12 months, and the totals reported	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Applicable data are gathered and entered into a database. For each throughput, hours of operation, and usage limit, data are compiled to determine the throughput/usage for each month. Monthly data are then summed for each period of 12 consecutive months. These 12-month rolling sums are reported to the Ventura County Air Pollution Control District.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment PO1207PC1-rev421,491,501,511,521 Condition No. 2	D. Frequency of monitoring: Hourly
B. Description: Requirement that the maximum power produced at the Power House Electricity Generating Station not to exceed 1500 Kilowatts	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Records of hourly total kilowatt output at the San Nicolas Island power house electricity generating station are maintained by the Environmental Division Air Quality Program. Records are reviewed daily to ensure compliance with the permit limit of 1500 Kilowatts output per hour. Appendix C includes daily generation reports.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment PO1207PC1--rev421,491,501,511,521 Condition No. 3	D. Frequency of monitoring: Monthly
B. Description: Non-federally enforceable requirement to keep records of all exempt solvents used at the stationary source	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Records of solvents used are extracted from a database called ERP, which keeps a record each time a hazardous material is issued to the end user.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment PO1207PC1--rev421,491,501,511,521 Condition No. 4	D. Frequency of monitoring: Annually
B. Description: Requirement that all State-registered portable equipment comply with State registration requirements, and that a copy of State registration be available	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: All equipment registered by Naval Base Ventura County under the California Air Resources Board's Portable Equipment Registration Program is military tactical support equipment, for which there are very few requirements. The only requirement is to provide data as to the number of each type of units kept at the installation, along with a description, and to pay the appropriate fees. There is no need to record hours of operation, or even serial numbers of individual units, and there is no need to post a copy of the certification on each equipment unit.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment PO1207PC2	D. Frequency of monitoring: Periodic
B. Description: Non-Federally enforceable requirement that the sulfur content of all JP-5 deliveries to San Nicolas Island be less than 0.1 percent by weight	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Compliance with sulfur content requirement for JP-5 fuel burned at San Nicolas Island is based on fuel analysis of JP-5 deliveries. Sulfur content analyses for all JP-5 deliveries to San Nicolas Island are submitted in Appendix A as required.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment PO1207PC4	D. Frequency of monitoring: N/A
B. Description: Conditions associated with alternative operating scenarios	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: No surge condition on or national security emergency was declared during this compliance certification period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment PO1207PC5	D. Frequency of monitoring: Monthly
B. Description: Non- Federally enforceable requirements for the storage and transfer of gasoline on San Nicolas island	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Records of gasoline transferred from the loading rack to mobile refuelers are submitted to the Environmental Division Air Quality Program by the Naval Base Ventura County Supply Department, Fuel Branch on a monthly basis. Monthly data are then summed for each period of 12 consecutive months. No more than 125,000 gallons of gasoline were transferred from the loading rack to the mobile refueler and no more than 125,000 gallons of gasoline were transferred from the mobile refueler to motor vehicles or other equipment during the compliance period (1). The gasoline loading rack is equipped with a California Air Resources Board (CARB)-certified vapor recovery system that is maintained and operated in accordance with CARB requirements (2).	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment PO1207PC6	D. Frequency of monitoring: Routine
B. Description: Requirement that any engine designated as "Out of Service" in Tables 2,3, and 4 of this permit is shut down, shall not be operated, and shall not be connected to a fuel source	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Routine surveillance of all permitted engines on SNI confirms that any engine designated as "Out of Service" in Tables 2, 3, and 4 of this permit is shut down and not being operated.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 50-- Opacity	D. Frequency of monitoring: Annually
B. Description: Prohibition of visible emissions, requirement for routine surveillance and a formal opacity survey	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: A formal survey by an untrained observer was conducted of emissions units at the facility. Survey was completed on 10/21/2015. Survey result is presented in Appendix B.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 54.B.1	D. Frequency of monitoring: N/A
B. Description: Sulfur compounds from combustion emission units	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Compliance with Rule 54 is demonstrated by compliance with Rule 64.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 54.B.2	D. Frequency of monitoring: N/A
B. Description: Sulfur compound concentrations	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Compliance with Attachment 54.B.2 is demonstrated by screening level dispersion modeling tests referenced in the Ventura County Air Pollution Control District (VCAPCD) Memorandum dated May 23, 1996, authored by Terri Thomas of the VCAPCD. In addition, all JP-5 shipments to San Nicolas Island are analyzed to ensure compliance with the low-sulfur fuel requirements outlined in VCAPCD Rule 64.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 57.1	D. Frequency of monitoring: N/A
B. Description: Limit on emissions of particulate matter to 0.12 pounds per MMBTU of fuel input	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: According to an analysis of the facility by the District using Rule 57.B dated December 3, 1997 periodic monitoring is not necessary to demonstrate compliance with Rule 57.1 Compliance with other conditions of this permit is sufficient to ensure compliance with Rule 57.1.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 64.B.1, Condition Nos. 1 through 4	D. Frequency of monitoring: N/A
B. Description: Sulfur content of gaseous fuels	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: No gaseous fuels were burned in regulated units during the compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 64.B.2, Condition Nos. 1 through 3	D. Frequency of monitoring: Periodic
B. Description: Sulfur content of liquid fuels	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Compliance of JP-5 fuel burned at San Nicolas Island is based on fuel analysis of JP-5 deliveries. Sulfur content analyses for all JP-5 deliveries to San Nicolas Island were submitted in the Annual Compliance Certification, Appendix A as required.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 74.6, Condition Nos. 1 through 7	D. Frequency of monitoring: Routine
B. Description: Solvent storage and usage requirements including ROC content and ROC composite partial pressure limits	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Compliance with ROC content and vapor pressure limits is ensured by the fact that all solvents must be approved by Environmental Division Air Quality Program (EDAQP) staff before they can be issued and used by any Naval Base Ventura County (NBVC) entity or tenant organization aboard NBVC. There was no applicable solvent cleaning activities at San Nicolas Island during the compliance certification period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 74.6, Condition Nos. 8 through 10	D. Frequency of monitoring: N/A
B. Description: Equipment and work practice requirements, recordkeeping, and annual certification requirements as applicable to all cold cleaners (except remote reservoir type) -- Measurement of freeboard height, verification of initial boiling point, ROC content, and ROC composite partial pressure	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: There were no cold solvent cleaners in use during the compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 74.6, Condition Nos. 11 through 15	D. Frequency of monitoring: Routine
B. Description: Solvent cleaning activities exempt from Attachment 74.6 and record keeping requirements as applicable to compliant and non-compliant solvent usage	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Compliance with the requirement to maintain a current material list showing the name, ROC and vapor pressure, and intended uses of each solvent material is accomplished by means of a database that records each issuance of a solvent material to any operation aboard NBVC. For each issuance of material, this database contains a reference to the applicable MSDS sheet. The database also contains references to the recipient of the material, and ultimately to the screening sheet, which is the document that approved the material, and describes all intended uses. There was no applicable solvent cleaning activities at San Nicolas Island during the compliance certification period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 74.11.1	D. Frequency of monitoring: Routine
B. Description: Natural gas large water heaters and small boilers, steam generators and process heaters with a rated heat input capacity greater than 75,000 BTU/hr and less than or equal to 2,000,000 BTU/hr	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: The requirements of Rule 74.11.1 do not apply to San Nicolas Island (SNI), because natural gas is not available at SNI.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 74.1, Condition No. 1	D. Frequency of monitoring: Periodic
B. Description: Requirement that abrasive blasting of moveable items take place within a permanent building	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: It is understood as a Navy policy that all abrasive blasting of moveable items must take place within an abrasive blast room or an abrasive blast cabinet with a control device. Routine surveillance ensures of operations indicates that this policy is adhered to.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 74.1, Condition Nos. 2 through 6	D. Frequency of monitoring: Per Operation
B. Description: Requirements that permissible outdoor blasting take place using approved methods	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Any project that is significant enough to involve permissible outdoor blasting would be required to go through the Public Works Project Review Board. Environmental Division Air Quality Program must approve all such projects, and would stipulate that all blasting be conducted in compliance with Rule 74.1	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 74.1, Condition No. 7	D. Frequency of monitoring: Per Operation
B. Description: Routine surveillance and recordkeeping associated with permissible outdoor blasting	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Environmental Division Air Quality Program requires all contractors to follow Rule 74.1 for permissible outdoor blasting operations. Contractors are required to submit records specified in Condition 7 of Attachment 74.1.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 74.2, Condition Nos. 1 and 2	D. Frequency of monitoring:
B. Description: VOC content limits for flat, nonflat, high gloss, specialty, and industrial maintenance architectural coatings	Per Operation
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: The Public Works Project Review Board requires contractors perform architectural coatings at NBVC to comply with the VOC limits of Ventura County Air Pollution Control District (VCAPCD) Rule 74.2.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 74.2, Condition No. 3	D. Frequency of monitoring:
B. Description: Requirement that all the architectural coating which are applied directly from the containers, and any VOC-containing materials used for thinning and cleanup be stored in closed containers when not in use	Routine
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: The Public Works Project Review Board requires contractors to comply with conditions of VCAPCD Rule 74.2. In addition, hazardous material storage areas and coating operations are inspected by the Environmental Division Air Quality Program staff routinely.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 74.2, Condition No. 4	D. Frequency of monitoring:
B. Description: Requirement to comply with the architectural coating VOC limits specified in Rule 74.2.B.1	Per Operation
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: The Public Works Project Review Board requires contractors perform architectural coatings at NBVC to comply with the VOC limits of VCAPCD Rule 74.2.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 74.2, Condition No. 5	D. Frequency of monitoring: Per Operation
B. Description: Requirement to specify VOC compliant architectural coatings, and to maintain VOC records of coatings used	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: The Public Works Project Review Board requires contractors perform architectural coatings at NBVC to comply with the VOC limits of Ventura County Air Pollution Control District (VCAPCD) Rule 74.2. The VOC records of architectural coatings are kept by EDAQP.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 74.4	D. Frequency of monitoring: Per Operation
B. Description: Short-term cutback asphalt activities	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Through the Public Works Project Review Board, the Environmental Division Air Quality Program (EDAQP) is notified of any planned large projects that may involve emissions of air contaminants. The EDAQP staff reviews the applicability of air regulations to the project and inspects the activities, as needed. No projects requiring the use of cutback asphalt were authorized by the project review board during the compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 74.27	D. Frequency of monitoring: Per Operation
B. Description: Short-term gasoline and ROC liquid storage tank degassing operations	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Through the Public Works Project Review Board, the Environmental Division Air Quality Program is notified of any planned large projects that may involve emissions of air contaminants. The EDAQP staff review the applicability of air regulations to the project and inspect the activities, as needed.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 74.28	D. Frequency of monitoring: Per Operation
B. Description: Short-term asphalt roofing operations	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Through the Public Works Project Review Board, the Environmental Division Air Quality Program is notified of any planned large projects that may involve emissions of air contaminants. The EDAQP staff review the applicability of air regulations to the project and inspect the activities, as needed.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 74.29	D. Frequency of monitoring N/A
B. Description: Short-term soil decontamination operations	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: No short-term soil decontamination activities occurred at the Naval Base Ventura County San Nicolas Island site during this compliance certification period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: 40CFR61.M	D. Frequency of monitoring: Periodic
B. Description: Short-term asbestos demolition or renovation activities - requirements for inspection, notification, removal, and disposal procedures	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: All short-term demolition and renovation activities undertaken at Naval Base Ventura County (NBVC) are performed by contractors. The Public Works Department at NBVC requires contractors to meet all inspection, notification, removal, and disposal requirements of Attachment 40CFR61.M as a condition of contract. In addition, the NBVC Asbestos Program Manager routinely monitors asbestos abatement contractor activity, and ensures that all requirements for inspection, notification, removal, and disposal are met as required.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: General Part 70 Permit	D. Frequency of monitoring: Periodic
B. Description: General Title V Requirements	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Naval Base Ventura County Environmental Division personnel have conducted regular inspections of permitted sources, retained records as required, and reviewed records for compliance.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: General Permit to Operate	D. Frequency of monitoring: Periodic
B. Description: General Permit to Operate conditions	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Routine inspections by Environmental Division Air Quality Program staff ensure that permits are posted and other general permit to operate conditions are complied with.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 40CFRPart 68	D. Frequency of monitoring: N/A
B. Description: Accidental Release Prevention and Risk Management Plans	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: No substances regulated by the California Accidental Release Prevention (ARP) Program or the federal Risk Management Plan (RMP) were contained in a process in a quantity that exceeded the respective threshold for California ARP Program or federal RMP.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: Attachment 40CFR82	D. Frequency of monitoring: Periodic
B. Description: Protection of stratospheric ozone	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Naval Base Ventura County (NBVC) San Nicolas Island has an established Ozone Depleting Substances (ODS) management policy and maintains records of all ODS procured, utilized and recovered from units subject to the record keeping requirements of 40 CFR Part 82, Subpart F. NBVC also verifies all technician certifications, utilizes compliant ODS recovery equipment, follows safe disposal protocols for ODS, adheres to all ODS evacuation requirements, and follows leak detection and management protocols outlined in 40 CFR Part 82. Of further note, San Nicolas Island had no equipment with an ODS capacity of 50 pounds or greater on site during the compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

Appendix A

NBVC San Nicolas Island
Sulfur Content of JP-5 Shipments

Benicia Refinery Laboratory Authorized **Final Analysis Report Proprietary**

Product: JP-5, Military Jet 5 Fuel
Tank No: 1772
Formula: 00075 **JET 5**
Product Spec MIL-DTL-5624V
Contract No SP0600-14-D-0507

Sample ID: 1150405966
Sample Date: 27-April-2015
Sample Time: 17:00
Blend No: 15J- 031

Test	Component	Method of Test	Test Results	UOM
WKMNSHIP	WORKMANSHIP	VISUAL	Bright and Clear	Pass/Fail
C SAY 6045	SAYBOLT COLOR	ASTM D 6045	19	Color
SPGR DMA	API GRAVITY 60 DEG F	ASTM D 4052	39.2	APf
API DMA DT	API GRAVITY MAX DLTA	CALCULATION	0	API
DENS 15C	DENSITY	ASTM D 4052	828	g/mL
FLS PM DLT	FLASH PM MAX DELTA	Calculation	0	Deg F
FLS PM C	PROCEDURE	ASTM D 93	A	
FLS PM C	FLASH POINT PM C	ASTM D 93	64.5	Deg C
FLS PM C	FLASH POINT PM	ASTM D 93	148	Deg F
MSEP ADDAT	MSEP-A RATING	ASTM D 3948	93	
MSEP NEAT	MSEP-A RATING	ASTM D 3948	99	
WATER RCT	INTERFACE RATING	ASTM D 1094	1B	
FRZ PH	FREEZE POINT	ASTM D 5972	-50	Deg C
DOCTOR	DOCTOR TEST	ASTM D 4952	Positive	
S XRAY2622	SULFUR	ASTM D 2622		Mass %
S WT PCT	SULFUR	ASTM D 5453	07	Wt%
CORR JET	CORROSION 212F 2HOUR	ASTM D 130	1 2	Color scl
DIST REC C	IBP	ASTM D 86	185	Deg C
DIST REC C	T10 REC	ASTM D 86	199	Deg C
DIST REC C	T20 REC	ASTM D 86	205	Deg C
DIST REC C	T50 REC	ASTM D 86	221	Deg C
DIST REC C	T90 REC	ASTM D 86	247	Deg C
DIST REC C	FBP	ASTM D 86	267	Deg C
DIST REC C	FBP TIME	ASTM D 86	3	Min
DIST REC C	T05 TIME	ASTM D 86	71	Sec
DIST REC C	IBP TIME	ASTM D 86	9	Min
DIST REC C	LOSS	ASTM D 86	1 0	%
DIST REC C	RESIDUE	ASTM D 86	9	%
CI JET	CETANE INDEX	ASTM D 976	41 6	
FIA	OLEFINS-FIA	ASTM D 1319	1 8	Vol %
FIA	AROMATICS-FIA	ASTM D 1319	19 5	Vol %
FIA	SATURATES-FIA	ASTM D 1319	78 7	Vol %
H CONT7171	HYDROGEN CONTENT	ASTM D 7171	13 5	mass %
HOC CORRECTED	NET HEAT COMBUSTION	ASTM D 3338	43 0	MJ/kg
JFTOT 275C	TUBE INSPECTION	ASTM D 3241	Normal	
JFTOT 275C	FILTER DELTA P	ASTM D 3241	0	mm Hg
JFTOT 275C	TUBE RATING	ASTM D 3241	< 1	
PC	FILTRATION TIME	ASTM D5452 / 5624V	3	MIN
PC	VACUUM PRESSURE	ASTM D5452 / 5624V	24	IN Hg
PC	PARTICULATES	ASTM D5452 / 5624V	2	mg/L
SMOKE PT	SMOKE POINT	ASTM D 1322	21 0	mm
T ACDTY JT	ACID NUMBER	ASTM D 3242	006	mg KOH/g
VS K -20C	VISCOSITY	ASTM D 445	6 3	cSt
GUM EXST	EXISTENT GUM CONTENT	ASTM D 381	2 2	mg/100 ml
MERC S WT	MERCAPTAN SULFUR	ASTM D 3227	< 001	mass %
ANTI OX JT	QUANTITY	Data Entry	116 62	kb
ANTI OX JT	ANTIOXIDANT	Data Entry	7 0	lb/kb

Tests conducted according to ASTM Standard Test Methods are routinely verified to be in compliance with the latest published versions. Minor changes may be made where they have no material impact on the test results and are necessitated by reasons such as safety, environmental standards, and method effectiveness. The following test results were obtained on a sample taken from the tank prior to shipment. To the best of my knowledge this product meets the requirements of ASTM D 1655 latest revision for Jet A.

(A) Automatic Instrument

Reviewed by _____ LAB Manager **Approved by:** _____ Fuels Coordinator

Fuel Lab Test Results

ANALYSIS OF: Aviation Fuel	DATE PRINTED: 12/31/2015 10:34:14
FROM: NAVSUP FLEET LOGISTICS CENTER SAN DIEGO Petroleum Laboratory B-70A 199 Rosecrans Street San Diego, CA 92106	TO: NAS NORTH ISLAND Commanding Officer NAS FUEL BRANCH SAN DIEGO CA 92135-7039
LAB SAMPLE NO: 1253087	SOURCE OF SAMPLE (Truck, tank, Aircraft, etc) TORI-J FOR SAN NICOLAS & SAN CLEMENTE AFTER LOAD FR TK 3

DATE SAMPLED	DATE RECEIVED	DATE TESTS COMPLETE	
Feb 17, 2015 1:01 PM	Feb 17, 2015 1:01 PM	Feb 18, 2015 7:41 AM	
PRODUCT CODE: JP5	TEST TYPE: JP5-B1	BATCH NO:	
SAMPLE AMOUNT:	REPRESENTED AMOUNT:	SAMPLE RECEIVED AT: PTLOMA	SAMPLE TAKEN BY:

REF(A) MIL-DTL-5624V	REF(B) MIL-STD-3004D
PRODUCT AS REPRESENTED BY SAMPLE MEET ON SPEC	
SPEC LIMITS OF REF(A)? YES	USE LIMITES OF REF(B)? YES

MARKING	LIMITS OF REF(A) & REF(B)	RESULTS	METHOD NO
APPEARANCE	C & B	C & B	D4176
COLOR, SAYBOLT	REPORT		D156
GRAVITY, API @60°F	36 TO 48	41.0	D1298
FLASH POINT, PMCC, °C	60 MIN	63	D93
INITIAL BOILING POINT, °C	REPORT	174.4	D86
10% RECOVERED, °C	206 MAX	192.9	D86
20% RECOVERED, °C	REPORT	198.6	D86
50% RECOVERED, °C	REPORT	215.3	D86
90% RECOVERED, °C	REPORT	242.3	D86
FINAL BOILING POINT, °C	300 MAX	259.6	D86
DISTILLATION RESIDUE, %V	1.5 MAX	1.2	D86
DISTILLATION LOSS, %V	1.5 MAX	0.8	D86
EXISTENT GUM, mg/100ml	7 MAX	0.2	D381
FREEZE POINT, °C	-46 MAX	-49.7	D5972
WATER REACTION RATING-INTERFACT	1b MAX		D1094
ICING INHIBITOR, %Vol (NAVY)	0.10 TO 0.15	0.12	D5006
CORROSION, COPPER STRIP - 100 °C FOR 2 HOURS	1 MAX	1a	D130
SEDIMENT, mg/l	1.0 MAX	0.4	D5452
SULFUR, %WT	0.30 MAX	0.088	D5453
FILTRATION TIME, mins	15 MAX		MILT5624
DENSITY, kg/m3 @15°C	788 TO 845 (AF-1)	816.0	D4052
UNDISSOLVED WATER, ppm(MK-1)	NVFW		NAVSEA-541
WEIGHT, LB/GAL	6.6 TO 7.0 (AF-1)		XXX

REMARKS TANK: 2 & 4 (COMPOSITE)		
SUBMITTED BY ACAINO	ASSIGNED TECH ACAINO	APPROVED BY DIRECTION: FERIAD Supervisory Chemist

Benicia Refinery Laboratory

Authorized

Final Analysis Report Proprietary

Product: JP-5, Military Jet 5 Fuel
Tank No: 1778
Formula: 00075 **JET 5**
Product Spec MIL-DTL-5624V
Contract No SP0600-14-D-0507

Sample ID: 1150500341
Sample Date: 02-May-2015
Sample Time: 4:00
Blend No: 15J- 035

Test	Component	Method of Test	Test Results	UOM
WKMNSHIP	WORKMANSHIP	VISUAL	Bright and Clear	Pass/Fail
C SAY 6045	SAYBOLT COLOR	ASTM D 6045	20	Color
SPGR DMA	API GRAVITY 60 DEG F	ASTM D 4052	39.2	API
API DMA DT	API GRAVITY MAX DLTA	CALCULATION	0	API
DENS 15C	DENSITY	ASTM D 4052	.829	g/mL
FLS PM DLT	FLASH PM MAX DELTA	Calculation	2.0	Deg F
FLS PM C	PROCEDURE	ASTM D 93	A	
FLS PM C	FLASH POINT PM C	ASTM D 93	63.0	Deg C
FLS PM C	FLASH POINT PM	ASTM D 93	146	Deg F
MSEP ADDAT	MSEP-A RATING	ASTM D 3948	91	
MSEP NEAT	MSEP-A RATING	ASTM D 3948	97	
WATER RCT	INTERFACE RATING	ASTM D 1094	1B	
FRZ PH	FREEZE POINT	ASTM D 5972	-49	Deg C
DOCTOR	DOCTOR TEST	ASTM D 4952	Positive	
S WT PCT	SULFUR	ASTM D 5453	.07	Wt%
CORR JET	CORROSION 212F 2HOUR	ASTM D 130	1.2	Color sct
DIST REC C	IBP	ASTM D 86	184	Deg C
DIST REC C	T10 REC	ASTM D 86	198	Deg C
DIST REC C	T20 REC	ASTM D 86	205	Deg C
DIST REC C	T50 REC	ASTM D 86	222	Deg C
DIST REC C	T90 REC	ASTM D 86	247	Deg C
DIST REC C	FBP	ASTM D 86	265	Deg C
DIST REC C	FBP TIME	ASTM D 86	3	Min
DIST REC C	T05 TIME	ASTM D 86	70	Sec
DIST REC C	IBP TIME	ASTM D 86	9	Min
DIST REC C	LOSS	ASTM D 86	1.0	%
DIST REC C	RESIDUE	ASTM D 86	1.1	%
CI JET	CETANE INDEX	ASTM D 976	41.6	
FIA	OLEFINS-FIA	ASTM D 1319	2.3	Vol %
FIA	AROMATICS-FIA	ASTM D 1319	18.8	Vol %
FIA	SATURATES-FIA	ASTM D 1319	78.9	Vol %
H CONT7171	HYDROGEN CONTENT	ASTM D 7171	13.4	mass %
HOC CORRECTED	NET HEAT COMBUSTION	ASTM D 3338	43.0	MJ/kg
JFTOT 275C	TUBE INSPECTION	ASTM D 3241	Normal	
JFTOT 275C	FILTER DELTA P	ASTM D 3241	0	mm Hg
JFTOT 275C	TUBE RATING	ASTM D 3241	< 1	
PC	FILTRATION TIME	ASTM D5452 / 5624V	3	MIN
PC	VACUUM PRESSURE	ASTM D5452 / 5624V	24	IN Hg
PC	PARTICULATES	ASTM D5452 / 5624V	1	mg/L
SMOKE PT	SMOKE POINT	ASTM D 1322	19.0	mm
T ACDTY JT	ACID NUMBER	ASTM D 3242	.007	mg KOH/g
VS K -20C	VISCOSITY	ASTM D 445	6.4	cSt
GUM EXST	EXISTENT GUM CONTENT	ASTM D 381	< 1	mg/100 ml
MERC S WT	MERCAPTAN SULFUR	ASTM D 3227	< .001	mass %
ANTI OX JT	QUANTITY	Data Entry	54.46	kb
ANTI OX JT	ANTIOXIDANT	Data Entry	7.0	lb/kb

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(A) Automatic Instrument

Reviewed by _____ LAB Manager

Approved by: _____ Fuels Coordinator

Benicia Refinery Laboratory

Authorized

Final Analysis Report Proprietary

Product: JP-5, Military Jet 5 Fuel
Tank No: 1772
Formula: 00075 **JET 5**
Product Spec: MIL-DTL-5624V
Contract No: SP0600-14-O-0507

Sample ID: 1150501343
Sample Date: 06-May-2015
Sample Time: 5:00
Blend No: 15J- 036

Test	Component	Method of Test	Test Results	UOM
WKMNSHIP	WORKMANSHIP	VISUAL	Bright and Clear	Pass/Fail
C SAY 6045	SAYBOLT COLOR	ASTM D 6045	17	Color
SPGR DMA	API GRAVITY 60 DEG F	ASTM D 4052	39.5	API
API DMA DT	API GRAVITY MAX DLTA	CALCULATION	0	API
DENS 15C	DENSITY	ASTM D 4052	.827	g/mL
FLS PM DLT	FLASH PM MAX DELTA	Calculation	2.0	Deg F
FLS PM C	PROCEDURE	ASTM D 93	A	
FLS PM C	FLASH POINT PM C	ASTM D 93	64.0	Deg C
FLS PM C	FLASH POINT PM	ASTM D 93	148	Deg F
MSEP ADDAT	MSEP-A RATING	ASTM D 3948	83	
MSEP NEAT	MSEP-A RATING	ASTM D 3948	95	
WATER RCT	INTERFACE RATING	ASTM D 1094	1B	
FRZ PH	FREEZE POINT	ASTM D 5972	-48	Deg C
DOCTOR	DOCTOR TEST	ASTM D 4952	Negative	
S XRAY2622	SULFUR	ASTM D 2622		Mass %
S WT PCT	SULFUR	ASTM D 5453	.06	Wt%
CORR JET	CORROSION 212F 2HOUR	ASTM D 130	1.2	Color scl
DIST REC C	IBP	ASTM D 86	186	Deg C
DIST REC C	T10 REC	ASTM D 86	198	Deg C
DIST REC C	T20 REC	ASTM D 86	204	Deg C
DIST REC C	T50 REC	ASTM D 86	221	Deg C
DIST REC C	T90 REC	ASTM D 86	246	Deg C
DIST REC C	FBP	ASTM D 86	265	Deg C
DIST REC C	FBP TIME	ASTM D 86	3	Min
DIST REC C	T05 TIME	ASTM D 86	67	Sec
DIST REC C	IBP TIME	ASTM D 86	9	Min
DIST REC C	LOSS	ASTM D 86	9	%
DIST REC C	RESIDUE	ASTM D 86	.9	%
CI JET	CETANE INDEX	ASTM D 976	41.9	
FIA	OLEFINS-FIA	ASTM D 1319	1.9	Vol %
FIA	AROMATICS-FIA	ASTM D 1319	17.8	Vol %
FIA	SATURATES-FIA	ASTM D 1319	80.3	Vol %
H CONT7171	HYDROGEN CONTENT	ASTM D 7171	13.4	mass %
HOC CORRECTED	NET HEAT COMBUSTION	ASTM D 3338	43.1	MJ/kg
JFTOT 275C	TUBE INSPECTION	ASTM D 3241	Normal	
JFTOT 275C	FILTER DELTA P	ASTM D 3241	0	mm Hg
JFTOT 275C	TUBE RATING	ASTM D 3241	< 1	
PC	FILTRATION TIME	ASTM D5452 / 5624V	4	MIN
PC	VACUUM PRESSURE	ASTM D5452 / 5624V	24	IN Hg
PC	PARTICULATES	ASTM D5452 / 5624V	1	mg/L
SMOKE PT	SMOKE POINT	ASTM D 1322	20.0	mm
T ACDTY JT	ACID NUMBER	ASTM D 3242	.006	mg KOH/g
VS K -20C	VISCOSITY	ASTM D 445	6.2	cSt
GUM EXST	EXISTENT GUM CONTENT	ASTM D 381	< 1	mg/100 ml
ANTI OX JT	QUANTITY	Data Entry	85.24	kb
ANTI OX JT	ANTIOXIDANT	Data Entry	6.9	lb/kb

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(A) Automatic Instrument

Reviewed by _____ LAB Manager

Approved by: _____ Fuels Coordinator

Benicia Refinery Laboratory Authorized **Final Analysis Report Proprietary**

Product:	JP-5 Military Jet 5 Fuel	**Sample ID:**	1150600476
Tank No:	1779	**Sample Date:**	02 June 2015
Formula:	00075 **JET 5**	**Sample Time:**	4:30
Product Spec:	MIL-DTL-5624V	**Blend No:**	15J-[illegible]
Contract No:	SP0600-14-D-0507		

Test	Component	Method of Test	Test Results	UOM
WKMNSHIP	WORKMANSHIP	VISUAL	Bright and Clear	Pass/Fail
C SAY 6045	SAYBOLT COLOR	ASTM D 6045	25	Color
SPGR DMA	API GRAVITY 60 DEG F	ASTM D 4052	39.9	API
API DMA DT	API GRAVITY MAX DLTA	CALCULATION	.00	API
DENS 15C	DENSITY	ASTM D 4052	.825	g/mL
FLS PM DLT	FLASH PM MAX DELTA	Calculation	2.0	Deg F
FLS PM C	PROCEDURE	ASTM D 93	A	
FLS PM C	FLASH POINT PM C	ASTM D 93	64.0	Deg C
FLS PM C	FLASH POINT PM	ASTM D 93	148	Deg F
MSEP ADDAT	MSEP-A RATING	ASTM D 3948	89	
MSEP NEAT	MSEP-A RATING	ASTM D 3948	98	
WATER RCT	INTERFACE RATING	ASTM D 1094	1B	
FRZ PH	FREEZE POINT	ASTM D 5972	47	Deg C
DOCTOR	DOCTOR TEST	ASTM D 4952	Positive	
S XRAY2622	SULFUR	ASTM D 2622	.08	Mass %
CORR JET	CORROSION 212F 2HOUR	ASTM D 130	1.2	Color scl
DIST REC C	IBP	ASTM D 86	184	Deg C
DIST REC C	T10 REC	ASTM D 86	197	Deg C
DIST REC C	T20 REC	ASTM D 86	204	Deg C
DIST REC C	T50 REC	ASTM D 86	221	Deg C
DIST REC C	T90 REC	ASTM D 86	247	Deg C
DIST REC C	FBP	ASTM D 86	266	Deg C
DIST REC C	FBP TIME	ASTM D 86	3	Min
DIST REC C	T05 TIME	ASTM D 86	59	Sec
DIST REC C	IBP TIME	ASTM D 86	8	Min
DIST REC C	LOSS	ASTM D 86	9	%
DIST REC C	RESIDUE	ASTM D 86	1.0	%
CI JET	CETANE INDEX	ASTM D 976	42.7	
FIA	OLEFINS-FIA	ASTM D 1319	1.6	Vol %
FIA	AROMATICS-FIA	ASTM D 1319	18.3	Vol %
FIA	SATURATES-FIA	ASTM D 1319	80.1	Vol %
H CONT7171	HYDROGEN CONTENT	ASTM D 7171	13.5	mass %
HOC CORRECTED	NET HEAT COMBUSTION	ASTM D 3338	43.1	MJ/kg
JFTOT 275C	TUBE INSPECTION	ASTM D 3241	Normal	
JFTOT 275C	FILTER DELTA P	ASTM D 3241	0	mm Hg
JFTOT 275C	TUBE RATING	ASTM D 3241	<1	
PC	FILTRATION TIME	ASTM D5452 / 5624V	4	MIN
PC	VACUUM PRESSURE	ASTM D5452 / 5624V	24	IN Hg
PC	PARTICULATES	ASTM D5452 / 5624V	0	mg/L
SMOKE PT	SMOKE POINT	ASTM D 1322	20.0	mm
T ACDTY JT	ACID NUMBER	ASTM D 3242	.005	mg KOH/g
VS K -20C	VISCOSITY	ASTM D 445	6.3	cSt
GUM EXST	EXISTENT GUM CONTENT	ASTM D 381	<1	mg/100 ml
MERC S WT	MERCAPTAN SULFUR	ASTM D 3227	<.001	mass %
ANTI OX JT	QUANTITY	Data Entry	54.29	kg
ANTI OX JT	ANTIOXIDANT	Data Entry	7.0	dx/kg

Tests conducted according to ASTM Standard Test Methods are routinely verified to be in compliance with the latest published versions. Minor changes may be made where they have no material impact on the test results and are necessitated by reasons such as safety, environmental standards, and method efficiencies. The following test results were obtained on a sample taken from the tank prior to shipment. To the best of my knowledge this product meets the requirements of ASTM D 1655 latest revision for Jet A.

(A) Automatic Instrument

Reviewed by _____ Approved by _____

LAB Manager Fuels Coordinator

Benicia Refinery Laboratory

Authorized

Final Analysis Report Proprietary

Product: JP-5, Military Jet 5 Fuel
Tank No: 1772
Formula: 00075 **JET 5**
Product Spec: MIL-DTL-5624V
Contract No: SP0600-14-D-0507

Sample ID: 1150602673
Sample Date: 12-June-2015
Sample Time: 7.30
Blend No: 15J- 045

Test	Component	Method of Test	Test Results	UOM
WKMNSHIP	WORKMANSHIP	VISUAL	Bright and Clear	Pass/Fail
C SAY 6045	SAYBOLT COLOR	ASTM D 6045	16	Color
SPGR DMA	API GRAVITY 60 DEG F	ASTM D 4052	40.3	API
API DMA DT	API GRAVITY MAX DLTA	CALCULATION	.00	API
DENS 15C	DENSITY	ASTM D 4052	.823	g/mL
FLS PM DLT	FLASH PM MAX DELTA	Calculation	2.0	Deg F
FLS PM C	PROCEDURE	ASTM D 93	A	
FLS PM C	FLASH POINT PM C	ASTM D 93	63.0	Deg C
FLS PM C	FLASH POINT PM	ASTM D 93	146	Deg F
MSEP ADDAT	MSEP-A RATING	ASTM D 3948	87	
MSEP NEAT	MSEP-A RATING	ASTM D 3948	99	
WATER RCT	INTERFACE RATING	ASTM D 1094	1B	
FRZ PH	FREEZE POINT	ASTM D 5972	-50	Deg C
DOCTOR	DOCTOR TEST	ASTM D 4952	Positive	
S XRAY2622	SULFUR	ASTM D 2622	.08	Mass %
CORR JET	CORROSION 212F 2HOUR	ASTM D 130	1.2	Color scl
DIST REC C	IBP	ASTM D 86	183	Deg C
DIST REC C	T10 REC	ASTM D 86	196	Deg C
DIST REC C	T20 REC	ASTM D 86	203	Deg C
DIST REC C	T50 REC	ASTM D 86	219	Deg C
DIST REC C	T90 REC	ASTM D 86	244	Deg C
DIST REC C	FBP	ASTM D 86	263	Deg C
DIST REC C	FBP TIME	ASTM D 86	3	Min
DIST REC C	T05 TIME	ASTM D 86	58	Sec
DIST REC C	IBP TIME	ASTM D 86	8	Min
DIST REC C	LOSS	ASTM D 86	1.2	%
DIST REC C	RESIDUE	ASTM D 86	1.0	%
CI JET	CETANE INDEX	ASTM D 976	42.7	
FIA	OLEFINS-FIA	ASTM D 1319	1.2	Vol %
FIA	AROMATICS-FIA	ASTM D 1319	18.9	Vol %
FIA	SATURATES-FIA	ASTM D 1319	79.9	Vol %
H CONT7171	HYDROGEN CONTENT	ASTM D 7171	13.5	mass %
HOC CORRECTED	NET HEAT COMBUSTION	ASTM D 3338	43.1	MJ/kg
JFTOT 275C	TUBE INSPECTION	ASTM D 3241	Normal	
JFTOT 275C	FILTER DELTA P	ASTM D 3241	1	mm Hg
JFTOT 275C	TUBE RATING	ASTM D 3241	< 1	
PC	FILTRATION TIME	ASTM D5452 / 5624V	4	MIN
PC	VACUUM PRESSURE	ASTM D5452 / 5624V	24	IN Hg
PC	PARTICULATES	ASTM D5452 / 5624V	.0	mg/L
SMOKE PT	SMOKE POINT	ASTM D 1322	20.0	mm
T ACDTY JT	ACID NUMBER	ASTM D 3242	.005	mg KOH/g
VS K -20C	VISCOSITY	ASTM D 445	6.0	cSt
GUM EXST	EXISTENT GUM CONTENT	ASTM D 381	2.0	mg/100 ml
MERC S WT	MERCAPTAN SULFUR	ASTM D 3227	< .001	mass %
ANTI OX JT	QUANTITY	Data Entry	140.01	kb
ANTI OX JT	ANTIOXIDANT	Data Entry	7.0	lb/kb

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(A) Automatic Instrument

Reviewed by _____ Approved by: _____

LAB Manager **Fuels Coordinator**

Benicia Refinery Laboratory

Release Analysis Report Proprietary

Product: JP-5, Military Jet 5 Fuel
Tank No: 1778
Formula: 00075
Product Spec: MIL-DTL-5624V
Contract No: SP0600-14-D-0507

Sample ID 1150800899
Sample Date: 04-Aug-2015
Sample Time: 16:35
Blend No: 15J- 056

Test	Component	Spec Limits Min	Spec Limits Max	Test Results	UOM
WKMNSHIP	WORKMANSHIP	RPT		Bright and Clear	Pass/Fail
C_SAY_6045	SAYBOLT_COLOR	RPT		28	Color
SPGR_DMA	API_GRAVITY_60_DEG_F	36.0	48.0	37.5	API
API_DMA_DT	API_GRAVITY_MAX_DLTA		0.03	.00	API
DENS_15C	DENSITY	0.788	0.845	.837	g/mL
FLS_PM_DLT	FLASH_PM_MAX_DELTA		4.0	4.0	Deg F
FLS_PM_C	PROCEDURE	RPT		A	
FLS_PM_C	FLASH_POINT_PM_C	62.5		67.0	Deg C
FLS_PM_C	FLASH_POINT_PM	145		152	Deg F
MSEP_ADDAT	MSEP-A_RATING	RPT		88	
MSEP_NEAT	MSEP-A_RATING	90		94	
WATER_RCT	INTERFACE_RATING	RPT		1B	
FRZ_PH	FREEZE_POINT		-46	-48	Deg C
DOCTOR	DOCTOR_TEST	RPT		Positive	
S_XRAY2622	SULFUR		0.20	.09	Mass %
CORR_JET	CORROSION_212F_2HOUR	1.1	1.2	1.2	Color scl
DIST_REC_C	IBP	RPT		183	Deg C
DIST_REC_C	T10_REC		205	202	Deg C
DIST_REC_C	T20_REC	RPT		210	Deg C
DIST_REC_C	T50_REC	RPT		227	Deg C
DIST_REC_C	T90_REC	RPT		253	Deg C
DIST_REC_C	FBP		300	268	Deg C
DIST_REC_C	FBP_TIME		5	2	Min
DIST_REC_C	T05_TIME	RPT		78	Sec
DIST_REC_C	IBP_TIME	5	15	9	Min
DIST_REC_C	LOSS		1.5	.6	%
DIST_REC_C	RESIDUE		1.5	1.0	%
CI_JET	CETANE_INDEX	RPT		40.6	
FIA	OLEFINS-FIA	RPT		4.1	Vol %
FIA	AROMATICS-FIA		25.0	19.6	Vol %
FIA	SATURATES-FIA	RPT		76.3	Vol %
H_CONT7171	HYDROGEN_CONTENT	13.4		13.4	mass %
HOC_CORRECTED	NET_HEAT_COMBUSTION	42.6		42.9	MJ/kg
JFTOT_275C	TUBE_INSPECTION	RPT		Normal	
JFTOT_275C	FILTER_DELTA_P		25	0	mm Hg
JFTOT_275C	TUBE_RATING		3	< 1	
PC	FILTRATION_TIME		15	4	MIN
PC	VACUUM_PRESSURE	20		25	IN Hg
PC	PARTICULATES		1.0	.2	mg/L
SMOKE_PT	SMOKE_POINT	19.0		21.0	mm
T_ACDTY_JT	ACID_NUMBER		0.015	.008	mg KOH/g
VS_K_-20C	VISCOSITY		8.5	7.5	cSt
GUM_EXST	EXISTENT_GUM_CONTENT		7.0	< 1	mg/100 ml
MERC_S_WT	MERCAPTAN_SULFUR		0.002	.002	mass %
ANTI_OX_JT	QUANTITY	RPT		54.36	kb
ANTI_OX_JT	ANTIOXIDANT	6.0	8.4	8.9	lb/kb

Computer Status Changed?_____ **Reviewed by Control Supervisor**_____

Benicia Refinery Laboratory

Release Analysis Report Proprietary

Product: JP-5, Military Jet 5 Fuel
Tank No: 1772
Formula: 00075
Product Spec: MIL-DTL-5624V
Contract No: SP0600-14-D-0507

Sample ID 1150803404
Sample Date: 15-Aug-2015
Sample Time: 4 15
Blend No: 15J- 058

Test	Component	Spec Limits Min	Spec Limits Max	Test Results	UOM
WKMNSHIP	WORKMANSHIP	RPT		Bright and Clear	Pass/Fail
C_SAY_6045	SAYBOLT_COLOR	RPT		15	Color
SPGR_DMA	API_GRAVITY_60_DEG_F	36 0	48.0	39 4	API
API_DMA_DT	API_GRAVITY_MAX_DLTA		0 03	02	API
DENS_15C	DENSITY	0 788	0 845	828	g/mL
FLS_PM_DLT	FLASH_PM_MAX_DELTA		4 0	0	Deg F
FLS_PM_C	PROCEDURE	RPT		A	
FLS_PM_C	FLASH_POINT_PM_C	62.5		63.0	Deg C
FLS_PM_C	FLASH_POINT_PM	145		146	Deg F
MSEP_ADDAT	MSEP-A_RATING	RPT		94	
MSEP_NEAT	MSEP-A_RATING	90		97	
WATER_RCT	INTERFACE_RATING	RPT		1B	
FRZ_PH	FREEZE_POINT		-46	-48	Deg C
DOCTOR	DOCTOR_TEST	RPT		Positive	
S_XRAY2622	SULFUR		0 20	07	Mass %
CORR_JET	CORROSION_212F_2HOUR	1 1	1 2	1 2	Color scl
DIST_REC_C	IBP	RPT		184	Deg C
DIST_REC_C	T10_REC		205	197	Deg C
DIST_REC_C	T20_REC	RPT		205	Deg C
DIST_REC_C	T50_REC	RPT		222	Deg C
DIST_REC_C	T90_REC	RPT		247	Deg C
DIST_REC_C	FBP		300	264	Deg C
DIST_REC_C	FBP_TIME		5	3	Min
DIST_REC_C	T05_TIME	RPT		67	Sec
DIST_REC_C	IBP_TIME	5	15	9	Min
DIST_REC_C	LOSS		1 5	1 0	%
DIST_REC_C	RESIDUE		1 5	1 1	%
CI_JET	CETANE_INDEX	RPT		42.0	
FIA	OLEFINS-FIA	RPT		1 1	Vol %
FIA	AROMATICS-FIA		25 0	18 8	Vol %
FIA	SATURATES-FIA	RPT		80 1	Vol %
H_CONT7171	HYDROGEN_CONTENT	13 4		13 5	mass %
HOC_CORRECTED	NET_HEAT_COMBUSTION	42 6		43 0	MJ/kg
JFTOT_275C	TUBE_INSPECTION	RPT		Normal	
JFTOT_275C	FILTER_DELTA_P		25	0	mm Hg
JFTOT_275C	TUBE_RATING		3	< 1	
PC	FILTRATION_TIME		15	3	MIN
PC	VACUUM_PRESSURE	20		26	IN Hg
PC	PARTICULATES		1.0	.1	mg/L
SMOKE_PT	SMOKE_POINT	19 0		19 0	mm
T_ACDTY_JT	ACID_NUMBER		0 015	004	mg KOH/g
VS_K_-20C	VISCOSITY		8 5	5.4	cSt
GUM_EXST	EXISTENT_GUM_CONTENT		7 0	< 1	mg/100 ml
MERC_S_WT	MERCAPTAN_SULFUR		0.002	< 001	mass %
ANTI_OX_JT	QUANTITY	RPT		117.52	kb
ANTI_OX_JT	ANTIOXIDANT	6 0	8.4	7.2	lb/kb

Computer Status Changed?_____ Reviewed by Control Supervisor_____

1383644

ANALYSIS OF Aviation Fuel | DATE PRINTED 11/04/2015 11:19:15

FROM	TO
NAVSUP FLEET LOGISTICS CENTER SAN DIEGO Petroleum Laboratory B-70A 199 Rosecrans Street San Diego, CA 92106	NAS POINT MUGU FUEL DIVISION / CODE N31VF BUILDING 63 - 12TH STREET NAVAL BASE VENTURA COUNTY, PT MUGU CA 93042

LAB SAMPLE NO.	SOURCE OF SAMPLE (Truck, tank, Aircraft, etc)		
1383644	TORI-J BARGE / SAN NICOLAS AFTER LOAD FR TK 8		
DATE SAMPLED	DATE RECEIVED	DATE TESTS COMPLETE	
10/27/2015 02:22:00 PM	10/27/2015 02:22:00 PM	10/28/2015 09:16:00 AM	
PRODUCT CODE	TEST TYPE	BATCH NO	
JP5	JP5-B1		
Sample Amount	REPRESENTED AMOUNT	SAMPLE RECEIVED AT	SAMPLE TAKEN BY
		PTLOMA	

REF (A) MIL-DTL-5624V REF (B) MIL-STD-3004D

PRODUCT AS REPRESENTED BY SAMPLE MEET ON SPEC

SPEC. LIMITS OF REF (A)? YES USE LIMITS OF REF (B)? YES

MARKING	LIMITS OF REF (A) & (B)	RESULTS	METHOD NO
APPEARANCE	C & B	C & B	D4176
COLOR, SAYBOLT	REPORT		D156
GRAVITY, API @60°F	36 TO 48	42.0	D1298
FLASH POINT, PMCC, °C	60 MIN	64	D93
INITIAL BOILING POINT, °C	REPORT	177.2	D86
10% RECOVERED, °C	206 MAX	196.5	D86
20% RECOVERED, °C	REPORT	202.4	D86
50% RECOVERED, °C	REPORT	219.0	D86
90% RECOVERED, °C	REPORT	243.6	D86
FINAL BOILING POINT, °C	300 MAX	266.1	D86
DISTILLATION, RESIDUE, %V	1.5 MAX	1.2	D86
DISTILLATION, LOSS, %V	1.5 MAX	0.7	D86
EXISTENT GUM, mg/100mL	7 MAX	0.2	D381
FREEZE POINT, °C	-46 MAX	-49.5	D5972

1383644

MARKING	LIMITS OF REF (A) & (B)	RESULTS	METHOD NO
WATER REACTION RATING-INTERFACE	1b MAX.		D1094
ICING INHIBITOR, %Vol (NAVY)	0.10 TO 0.15	0.12	D5006
CORROSION, COPPER STRIP - 100 °C FOR 2 HOURS	1 MAX.	1a	D130
SEDIMENT, mg/L	1.0 MAX	0.3	D5452
SULFUR, % WT	0.30 MAX	0.042	D5453
FILTRATION TIME, mins	15 MAX		MILT5624
DENSITY, kg/m3 @15°C	788 TO 845 (AF-1)	811.0	D4052
UNDISSOLVED WATER, ppm(MK-1)	NVFW		NAVSEA-541
WEIGHT, LB/GAL	6.6 TO 7.0 (AF-1)		XXX

REMARKS:

TORI- J TANK: 3

SUBMITTED BY:	ASSIGNED TECH:	APPROVED BY DIRECTION:
ACAINO	ACAINO	FERIAD Supervisory Chemist

Benicia Refinery Laboratory Authorized **Final Analysis Report Proprietary**

Product: JP-5, Military Jet 5 Fuel
Tank No: 1772
Formula: 00075 **JET 5**
Product Spec: MIL-DTL-5624V
Contract No: SP0600-14-D-0507

Sample ID: 1150100740
Sample Date: 04-January-2015
Sample Time: 17:05
Blend No: 15J- 001

Test	Component	Method of Test	Test Results	UOM
WKMNSHIP	WORKMANSHIP	VISUAL	Bright and Clear	Pass/Fail
C SAY 6045	SAYBOLT COLOR	ASTM D 6045	> 30	Color
SPGR DMA	API GRAVITY 60 DEG F	ASTM D 4052	41.0	API
API DMA DT	API GRAVITY MAX DLTA	CALCULATION	0	API
DENS 15C	DENSITY	ASTM D 4052	.820	g/mL
FLS PM DLT	FLASH PM MAX DELTA	Calculation	0	Deg F
FLS PM C	PROCEDURE	ASTM D 93	A	
FLS PM C	FLASH POINT PM C	ASTM D 93	64.0	Deg C
FLS PM C	FLASH POINT PM	ASTM D 93	147	Deg F
MSEP ADDAT	MSEP-A RATING	ASTM D 3948	81	
MSEP NEAT	MSEP-A RATING	ASTM D 3948	99	
WATER RCT	INTERFACE RATING	ASTM D 1094	1B	
FRZ PH	FREEZE POINT	ASTM D 5972	-51	Deg C
DOCTOR	DOCTOR TEST	ASTM D 4952	Negative	
S XRAY2622	SULFUR	ASTM D 2622	.05	Mass %
CORR JET	CORROSION 212F 2HOUR	ASTM D 130	1.2	Color scl
DIST REC C	IBP	ASTM D 86	184	Deg C
DIST REC C	T10 REC	ASTM D 86	197	Deg C
DIST REC C	T20 REC	ASTM D 86	202	Deg C
DIST REC C	T50 REC	ASTM D 86	216	Deg C
DIST REC C	T90 REC	ASTM D 86	238	Deg C
DIST REC C	FBP	ASTM D 86	257	Deg C
DIST REC C	FBP TIME	ASTM D 86	3	Min
DIST REC C	T05 TIME	ASTM D 86	69	Sec
DIST REC C	IBP TIME	ASTM D 86	8	Min
DIST REC C	LOSS	ASTM D 86	7	%
DIST REC C	RESIDUE	ASTM D 86	9	%
CI JET	CETANE INDEX	ASTM D 976	42.9	
FIA	OLEFINS-FIA	ASTM D 1319	1.9	Vol %
FIA	AROMATICS-FIA	ASTM D 1319	17.3	Vol %
FIA	SATURATES-FIA	ASTM D 1319	80.8	Vol %
H CONT7171	HYDROGEN CONTENT	ASTM D 7171	13.7	mass %
HOC CORRECTED	NET HEAT COMBUSTION	ASTM D 3338	43.1	MJ/kg
JFTOT 275C	TUBE INSPECTION	ASTM D 3241	Normal	
JFTOT 275C	FILTER DELTA P	ASTM D 3241	0	mm Hg
JFTOT 275C	TUBE RATING	ASTM D 3241	< 1	
PC	FILTRATION TIME	ASTM D5452 / 5624U	4	MIN
PC	VACUUM PRESSURE	ASTM D5452 / 5624U	24	IN Hg
PC	PARTICULATES	ASTM D5452 / 5624U	0	mg/L
SMOKE PT	SMOKE POINT	ASTM D 1322	20.0	mm
T ACDTY JT	ACID NUMBER	ASTM D 3242	.003	mg KOH/g
VS K -20C	VISCOSITY	ASTM D 445	5.7	cSt
GUM EXST	EXISTENT GUM CONTENT	ASTM D 381	1.0	mg/100 ml
ANTI OX JT	QUANTITY	Data Entry	96.86	kb
ANTI OX JT	ANTIOXIDANT	Data Entry	7.0	lb/kb

Tests conducted according to ASTM Standard Test Methods are routinely verified to be in compliance with the latest published versions. Minor changes may be made where they have no material impact on the test results and are necessitated by reasons such as safety, environmental standards, and method effectiveness. The following test results were obtained on a sample taken from the tank prior to shipment. To the best of my knowledge this product meets the requirements of ASTM D 1655 latest revision for Jet A.

(A) Automatic Instrument

Reviewed by _____ Approved by: _____

LAB Manager Fuels Coordinator

Appendix B

NBVC San Nicolas Island
Opacity Survey

2015 NBVC San Nicolas Island Opacity Survey Result

Equipment Category	Description of Equipment in Permit Table (abbreviated)	Date of Equipment Inspection	Opacity Noted (Y/N)	Operating During Inspection (Y/N)	Comments
Powerhouse	1,440 BHP CAT Model 3516DI, Unit G-1	11/9/2015	N	N	
Powrhouse	2,205 BHP Cummins Model QSK45-G8, Unit G-2	11/9/2015	N	N	
Powrhouse	1,480 BHP Cummins Model QSK50-DR, Unit G-3	11/9/2015	N	N	
Powrhouse	1,490 BHP Cummins Model QST30-G5-NR2, Unit G-4	11/9/2015	N	Y	
Powrhouse	1,440 BHP EMD-GM Model 16-567-C, Unit G-5	11/9/2015	N	N	
Powrhouse	250 BHP Cummins Model QSB6.7-G3-NR3 (backup)	11/9/2015	N	N	
Portable JP-5-Fired Engine	113 BHP John Deere Model 4045T, ID Range-P1	11/9/2015	N	Y	
Portable JP-5-Fired Engine	113 BHP John Deere Model 4045T, ID Range-P2	11/9/2015	N	N	
Portable JP-5-Fired Engine	113 BHP John Deere Model 4045T, ID Range-P3	11/9/2015	N	N	
Portable JP-5-Fired Engine	113 BHP John Deere Model 4045T, ID Range-P5	11/9/2015	N	N	
Portable JP-5-Fired Engine	397 BHP Caterpillar Model 3306	11/9/2015	N	N	
Portable JP-5-Fired Engine	165 BHP John Deere Model 6068TF275	11/9/2015	N	N	
Portable JP-5-Fired Engine	167 BHP Allis Chalmers Model 3500-A	11/9/2015	N	N	
Sweeper	115 BHP John Deere Model 4045T	N/A	N/A	N/A	Awaiting DRMO
Sweeper	115 BHP John Deere Model 4045HFC92B	11/9/2015	N	N	
Portable JP-5-Fired Engine	78 BHP Isuzu Model 6BD1	11/9/2015	N	N	
JP-5-fired Backup Engine	99 BHPJohn Deere Model 4045TF285, Medical Clinic, Building 58	11/9/2015	N	N	
JP-5-fired Backup Engine	145 BHP Deutz Model DFP4-2012-C15, Fire Water Pump, Building N299	11/9/2015	N	N	
JP-5-fired Backup Engine	197 BHP John Deere Model 6068HF285, Runway Lighting Backup, Building N197	11/9/2015	N	N	
JP-5-fired Backup Engine	1,220 BHP Detroit Model 91237306, Building N182	11/9/2015	N	N	
JP-5-fired Backup Engine	650 BHP Detroit Model 400 ROZD71, Building N127	11/9/2015	N	N	

2015 NBVC San Nicolas Island Opacity Survey Result

Equipment Category	Description of Equipment in Permit Table (abbreviated)	Date of Equipment Inspection	Opacity Noted (Y/N)	Operating During Inspection (Y/N)	Comments
JP-5-fired Backup Engine	235 BHP Cat Model 3306D1, Building N178	11/9/2015	N	N	Out of Service
JP-5-fired Backup Engine	207 BHP Cummins Model 6CT8.3-G2, Building N172	11/9/2015	N	N	
JP-5-fired Backup Engine	175 BHP Cummins Model NT 495 G, Building N166	11/9/2015	N	N	Out of Service
JP-5-fired Backup Engine	175 BHP Cummins Model NT 495 G, Building N168	11/9/2015	N	N	
JP-5-fired Backup Engine	175 BHP Cummins Model NT 495 G, Building N170	11/9/2015	N	N	
JP-5-fired Backup Engine	175 BHP Cummins Model NT 4950 G, Building N145	11/9/2015	N	N	
JP-5-fired Backup Engine	364 BHP Cummins Model QSL9-G2-NR3, Building N111	11/9/2015	N	N	
JP-5-fired Backup Engine	134 BHP Cummins Model 6BT-5.9, Building N112	11/9/2015	N	N	Out of Service
JP-5-fired Backup Engine	134 BHP Cummins Model 6BT-5.9, Building N113	11/9/2015	N	N	Out of Service
JP-5-fired Backup Engine	130 BHP Cat Model C4.4, Building N144	11/9/2015	N	N	
JP-5-fired Backup Engine	99 BHP Cummins Model 4BTA3.9-G5, Building N255	11/9/2015	N	N	
JP-5-fired Backup Engine	56 BHP Cummins Model 4B3.3-G1, Telephone system	11/9/2015	N	N	
JP-5-fired Backup Engine	158 BHP Caterpillar Model 3116-D1, Building N151	11/9/2015	N	N	
JP-5-fired Backup Engine	97 BHP John Deere, Model 5030HF285G, Building N211	11/9/2015	N	N	
JP-5-fired Backup Engine	435 BHP Cummins Model NT 855 06, SLAM 2	11/9/2015	N	N	
JP-5-fired Backup Engine	113 BHP John Deere Model 4045T, Building 327	11/9/2015	N	N	
JP-5-fired Backup Engine	113 BHP John Deere Model 4045T, Building 324	11/9/2015	N	N	
Barge Landing Generator	324 BHP Cummins Model QSB7-G5 NR3	11/9/2015	N	N	
Air Compressor	80 BHP John Deere Model 4039 DF	11/9/2015	N	N	
Air Compressor	80.5 BHP John Deere Model 4045DF150B	11/9/2015	N	N	
Portable Gasoline Engine	63 BHP Ford, Model LSG-4231-6007-B	11/9/2015	N	N	

Appendix C

San Nicolas Island Powerhouse Twelve-Month Progressive Sample Power Generation Report

SNI Powerhouse Daily Generation

Friday, Janurary 2, 2015

Time	Unit 1		Unit 2		Unit 3		Unit 4		Unit 5		Totals
	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Hourly Total
01:00									530	73	530
02:00									550	72	550
03:00									530	71	530
04:00									550	72	550
05:00									620	77	620
06:00									630	78	630
07:00									610	77	610
08:00									590	75	590
09:00									560	74	560
10:00									590	75	590
11:00									540	72	540
12:00									580	74	580
13:00									570	74	570
14:00									570	73	570
15:00									540	71	540
16:00									560	73	560
17:00									580	74	580
18:00									620	75	620
19:00									580	72	580
20:00									550	72	550
21:00									550	73	550
22:00									600	76	600
23:00									550	73	550
24:00									560	72	560
Total KW	0		0		0		0		13,710		13,710

SNI Powerhouse Daily Generation

Wednesday, February 4, 2015

	Unit 1		Unit 2		Unit 3		Unit 4		Unit 5		Totals
Time	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Hourly Total
01:00							610	75			610
02:00							690	70			690
03:00							510	70			510
04:00							550	72			550
05:00							570	73			570
06:00							630	75			630
07:00							650	76			650
08:00							650	76			650
09:00							640	75			640
10:00							700	77			700
11:00							650	76			650
12:00							640	75			640
13:00							640	74			640
14:00							630	73			630
15:00							650	74			650
16:00							670	76			670
17:00							610	74			610
18:00							670	77			670
19:00							680	78			680
20:00							680	78			680
21:00							660	78			660
22:00							570	73			570
23:00							580	73			580
24:00							600	75			600
Total KW	0		0		0		15,130		0		15,130

SNI Powerhouse Daily Generation

Friday, March 6, 2015

Time	Unit 1		Unit 2		Unit 3		Unit 4		Unit 5		Totals
	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Hourly Total
01:00							520	68			520
02:00							520	70			520
03:00							550	72			550
04:00							560	72			560
05:00							620	75			620
06:00							630	75			630
07:00							620	75			620
08:00							550	70			550
09:00							620	75			620
10:00							630	75			630
11:00							600	74			600
12:00							630	74			630
13:00							580	72			580
14:00							530	70			530
15:00							490	68			490
16:00							530	70			530
17:00							520	69			520
18:00							530	71			530
19:00							550	71			550
20:00							570	71			570
21:00							530	70			530
22:00							510	69			510
23:00							520	69			520
24:00							540	71			540
Total KW	0		0		0		13,450		0		13,450

SNI Powerhouse Daily Generation

Wednesday, April 8, 2015

Time	Unit 1		Unit 2		Unit 3		Unit 4		Unit 5		Totals
	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Hourly Total
01:00									580	73	580
02:00									580	73	580
03:00									570	73	570
04:00									620	75	620
05:00									640	76	640
06:00									690	77	690
07:00									710	78	710
08:00									620	74	620
09:00									650	76	650
10:00									650	75	650
11:00									660	75	660
12:00									620	74	620
13:00									620	73	620
14:00									600	72	600
15:00									650	74	650
16:00									670	76	670
17:00									620	73	620
18:00									690	78	690
19:00									650	76	650
20:00									620	75	620
21:00									650	76	650
22:00									610	75	610
23:00									580	72	580
24:00									590	72	590
Total KW	0		0		0		0		15,140		15,140

SNI Powerhouse Daily Generation

Sunday, 10 May, 2015

Time	Unit 1		Unit 2		Unit 3		Unit 4		Unit 5		Totals
	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Hourly Total
01:00	520	69									520
02:00	510	69									510
03:00	494	67									494
04:00	502	66									502
05:00	557	70									557
06:00	528	68									528
07:00	551	70									551
08:00	538	69									538
09:00	587	71									587
10:00	590	72									590
11:00	597	72									597
12:00	569	70									569
13:00	605	72									605
14:00	535	70									535
15:00	525	68									525
16:00	552	70									552
17:00	538	68									538
18:00	547	71									547
19:00	541	72									541
20:00	560	71									560
21:00	531	71									531
22:00	548	70									548
23:00	534	70									534
24:00	527	70									527
Total KW	13,086		0		0		0		0		13,086

SNI Powerhouse Daily Generation

Friday, 12 June, 2015

	Unit 1		Unit 2		Unit 3		Unit 4		Unit 5		Totals
Time	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Hourly Total
01:00	530	69									530
02:00	533	69									533
03:00	535	69									535
04:00	540	69									540
05:00	573	71									573
06:00	588	70									588
07:00	661	74									661
08:00	578	70									578
09:00	610	72									610
10:00	661	74									661
11:00	587	73									587
12:00	640	73									640
13:00	568	71									568
14:00	554	69									554
15:00	556	69									556
16:00	552	70									552
17:00	588	71									588
18:00	592	73									592
19:00	583	72									583
20:00	563	70									563
21:00	558	70									558
22:00	535	68									535
23:00	527	69									527
24:00	570	71									570
Total KW	13,782		0		0		0		0		13,782

SNI Powerhouse Daily Generation

Tuesday, July 14, 2015

Time	Unit 1		Unit 2		Unit 3		Unit 4		Unit 5		Totals
	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Hourly Total
01:00									530	66	530
02:00									540	68	540
03:00									540	69	540
04:00									540	69	540
05:00									600	69	600
06:00									600	68	600
07:00									630	69	630
08:00									560	71	560
09:00									590	74	590
10:00									570	73	570
11:00									660	71	660
12:00									610	73	610
13:00									660	72	660
14:00									630	73	630
15:00									650	74	650
16:00									670	71	670
17:00									700	73	700
18:00									600	73	600
19:00									610	74	610
20:00									610	71	610
21:00									610	73	610
22:00									600	71	600
23:00									610	70	610
24:00									600	71	600
Total KW	0		0		0		0		14,520		14,520

SNI Powerhouse Daily Generation

Sunday, August 16, 2015

Time	Unit 1		Unit 2		Unit 3		Unit 4		Unit 5		Totals
	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Hourly Total
01:00							550	68			550
02:00							560	69			560
03:00							560	69			560
04:00							560	70			560
05:00							540	68			540
06:00							560	69			560
07:00							570	70			570
08:00							560	71			560
09:00							600	72			600
10:00							580	69			580
11:00							630	71			630
12:00							640	72			640
13:00							680	69			680
14:00							660	71			660
15:00							680	72			680
16:00							670	74			670
17:00							600	73			600
18:00	585	70									585
19:00	625	74									625
20:00	633	74									633
21:00	590	70									590
22:00	571	70									571
23:00	567	69									567
24:00	564	70									564
Total KW	4,135		0		0		10,200		0		14,335

SNI Powerhouse Daily Generation

Friday, September 18, 2015

Time	Unit 1		Unit 2		Unit 3		Unit 4		Unit 5		Totals
	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Hourly Total
01:00									550	70	550
02:00									550	70	550
03:00									540	70	540
04:00									520	68	520
05:00									600	72	600
06:00									640	75	640
07:00									550	71	550
08:00									580	73	580
09:00									610	73	610
10:00									590	71	590
11:00									630	74	630
12:00									590	72	590
13:00									570	68	570
14:00									550	70	550
15:00									600	71	600
16:00									560	71	560
17:00									560	70	560
18:00									560	70	560
19:00									640	74	640
20:00									560	71	560
21:00									590	73	590
22:00									550	70	550
23:00									530	69	530
24:00									530	68	530
Total KW	0		0		0		0		13,750		13,750

SNI Powerhouse Daily Generation

Thursday, 22 October, 2015

Time	Unit 1		Unit 2		Unit 3		Unit 4		Unit 5		Totals
	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Hourly Total
01:00	532	69									532
02:00	526	69									526
03:00	546	69									546
04:00	519	70									519
05:00	621	74									621
06:00	652	76									652
07:00	609	72									609
08:00	658	75									658
09:00	633	73									633
10:00	688	76									688
11:00	615	72									615
12:00	672	76									672
13:00	602	72									602
14:00	594	71									594
15:00	588	72									588
16:00	575	71									575
17:00	591	72									591
18:00	571	71									571
19:00	631	75									631
20:00	602	73									602
21:00	591	74									591
22:00	547	69									547
23:00	559	69									559
24:00	531	69									531
Total KW	14,253		0		0		0		0		14,253

SNI Powerhouse Daily Generation

Friday, 20 November, 2015

Time	Unit 1		Unit 2		Unit 3		Unit 4		Unit 5		Totals
	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Hourly Total
01:00									510	70	510
02:00									500	69	500
03:00									470	67	470
04:00									470	69	470
05:00									500	70	500
06:00									510	70	510
07:00									530	71	530
08:00									590	74	590
09:00									590	74	590
10:00									560	71	560
11:00									600	75	600
12:00									590	72	590
13:00									610	74	610
14:00									560	73	560
15:00									550	73	550
16:00									560	73	560
17:00									530	72	530
18:00									520	71	520
19:00									530	72	530
20:00									530	72	500
21:00									500	67	510
22:00									510	69	480
23:00									480	67	480
24:00									500	68	500
Total KW	0		0		0		0		12,800		12,800

SNI Powerhouse Daily Generation

Thursday, 24 December, 2015

Time	Unit 1		Unit 2		Unit 3		Unit 4		Unit 5		Totals
	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Hourly Total
01:00	522	71									522
02:00	514	72									514
03:00	512	70									512
04:00	535	72									535
05:00	541	72									541
06:00	593	75									593
07:00	591	75									591
08:00	544	72									544
09:00	574	75									574
10:00	565	74									565
11:00	550	73									550
12:00	538	71									538
13:00	513	71									513
14:00	515	71									515
15:00	520	71									520
16:00	583	75									583
17:00	548	72									548
18:00	562	73									562
19:00	554	73									554
20:00	553	73									553
21:00	535	72									535
22:00	554	73									554
23:00	532	71									532
24:00	513	71									513
Total KW	13,061		0		0		0		0		13,061

Appendix D

NBVC San Nicolas Island
RICE NESHAP Maintenance Records

NAVFAC SAN NICOLAS ISLAND RICE NESHAP MAINTENANCE RECORD

Bldg	Device	Engine Oil Analysis[2]		Engine and Filter Oil Change*		Air Cleaner Inspection**		Hoses and Belts Inspection***	
		Date of Engine Oil Sample Collection	Hour Meter Reading at Time of Engine Oil Sample Collection	Date of Engine Oil and Oil Filter Change	Hour Meter Reading at Time of Engine Oil and Oil Filter Change	Date of Inspection	Hour Meter Reading at Time of Inspection	Date of Inspection	Hour Meter Reading At Time of Inspection
58	99 BHP Cummins (Medical)	Post 2006 Construction, Maintenance not Required							
128	56 BHP Cummins (Telephone System)[1]	1/13/2015	356	2/25/2015	364.1	2/25/2015	356	2/25/2015	356
111	364 BHP Cummins	Post 2006 Construction, Maintenance not Required							
144	130 BHP CAT	Post 2006 Construction, Maintenance not Required							
145	175 BHP Cummins[1]	1/13/2015	1256	Passing Analysis - N/R	Passing Analysis - N/R	2/25/2015	1256	2/25/2015	1256
151	158 BHP Caterpillar [1]	1/13/2015	390	2/25/2015	399.0	1/13/2015	390	1/13/2015	390
197	197 BHP John Deere (Runway Lighting)	Post 2006 Construction, Maintenance not Required							
211	97 BHP John Deere	Post 2006 Construction, Maintenance not Required							
255	99 BHP Cummins[1]	1/12/2015	362	Passing Analysis - N/R	Passing Analysis - N/R	1/12/2015	362	1/12/2015	362
Powerhouse	250 BHP Cummins	Post 2006 Construction, Maintenance not Required							

1. Maintenance Required

* Engine oil and oil filters are required to be changed every 500 hours of operation or annually, whichever comes first (not required with passing oil analysis)

** Air cleaners are required to be inspected every 1,000 hours of operation or annually, whichever comes first

*** Hoses and belts are required to be inspected every 500 hours of operation or annually, whichever comes first

2. Optional Oil Analysis Results:

Notes:
New oil TBN = 12
New oil V100 = 15

SAN NICOLAS ISLAND RANGE RICE NESHAP MAINTENANCE RECORD

Bldg	Device	Engine Oil Analysis[2]		Engine and Filter Oil Change*		Air Cleaner Inspection**		Hoses and Belts Inspection***	
		Date of Engine Oil Sample Collection	Hour Meter Reading at Time of Engine Oil Sample Collection	Date of Engine Oil and Oil Filter Change	Hour Meter Reading at Time of Engine Oil and Oil Filter Change	Date of Inspection	Hour Meter Reading at Time of Inspection	Date of Inspection	Hour Meter Reading at Time of Inspection
SLAM	435 BHP Cummins	4/3/2015	1226.3	Passing Analysis - N/R	Passing Analysis - N/R	4/3/2015	1226.3	4/3/2015	1226.3
112	134 BHP Cummins	Out of Service on Title V Permit #1207, Maintenance not Required							
113	134 BHP Cummins	Out of Service on Title V Permit #1207, Maintenance not Required							
127	650 BHP Detroit	4/3/2015	1374.5	Passing Analysis - N/R	Passing Analysis - N/R	4/3/2015	1374.5	4/3/2015	1374.5
166	175 BHP Cummins	Out of Service on Title V Permit #1207, Maintenance not Required							
168	175 BHP Cummins	4/3/2015	849.2	Passing Analysis - N/R	Passing Analysis - N/R	4/3/2015	849.2	4/3/2015	849.2
170	175 BHP Cummins	4/3/2015	1229.4	Passing Analysis - N/R	Passing Analysis - N/R	4/3/2015	1229.4	4/3/2015	1229.4
172	207 BHP Cummins	4/3/2015	1158.4	Passing Analysis - N/R	Passing Analysis - N/R	4/3/2015	1158.4	4/3/2015	1158.4
178	235 BHP CAT	Out of Service on Title V Permit #1207, Maintenance not Required							
182	1220 BHP Detroit	4/3/2015	200.0	Passing Analysis - N/R	Passing Analysis - N/R	4/3/2015	200.0	4/3/2015	200.0
299	145 BHP Duetz (Fire Pump)	4/3/2015	16.0	Passing Analysis - N/R	Passing Analysis - N/R	4/3/2015	16.0	4/3/2015	16.0
324	113 BHP John Deere	Post 2006 Construction, Maintenance not Required							
327	113 BHP John Deere	Post 2006 Construction, Maintenance not Required							

* Engine oil and oil filters are required to be changed every 500 hours or operation or annually, whichever comes first
** Air cleaners are required to be inspected every 1,000 hours or operation or annually, whichever comes first
*** Hoses and belts are required to be inspected every 500 hours of operation or annually, whichever comes first

2015 Twelve-Month Rolling Sum Throughput Report
Title V Permit 01207

Location and Device	Annual Permitted limit	December-15	November-15	October-15	September-15	August-15	July-15	June-15	May-15	April-15	March-15	February-15	January-15
Portable JP-5 Fired Engines													
113 BHP John Deere, Range P-1 (K261)	*	32804	32657	38307	51777	51777	51765	47969	44816	39697	36307	33143	30883
113 BHP John Deere, Range P-2 (K262)	*	29855	23109	23109	23154	23154	11176	7447	5187	1797	102	170	170
113 BHP John Deere, Range P-3 (K267)	*	6554	2497	4181	29504	29504	29504	29470	29527	29527	29527	30815	32341
113 BHP John Deere, Range P-5 (K269)	*	509	192	192	226	226	226	203	203	203	203	203	203
397 BHP Cat (Portable)	*	18540	20962	23026	27393	27393	27393	25686	26440	23582	21438	18262	15086
165 BHP John Deere (Portable)	*	114098	113042	161552	195311	193529	191780	191070	191070	191070	191070	192093	193248
167 BHP Allis Chalmers (Portable)	*	0	0	0	17	17	17	17	17	17	17	17	17
115 BHP Schwarze Sweeper	*	6095	6325	6210	6095	6325	5865	6210	6670	6785	6785	7015	6785
SLAM 4, 78 BHP Portable, MQ Power	*	78	0	0	0	0	0	0	0	0	0	156	468
Combined Portable Engines	**532,800 BHP-Hr**	**208,531**	**198,783**	**256,576**	**333,476**	**331,924**	**317,726**	**308,072**	**303,930**	**292,677**	**285,449**	**281,874**	**279,200**
JP-5 Fired Engines for Backup Electricity Generation		208533	198784	256577									
Bldg. 58, 99 BHP John Deere	*	9771	10494	11029	9484	7999	6831	6544	7079	6722	6445	6039	5792
Bldg. N111, 364 BHP Cummins	*	7244	11794	16162	16344	16344	16344	15907	16089	16089	16089	14997	13614
Bldg. N112, 134 BHP Cummins - Out of Service	*	0	0	0	0	0	0	0	0	0	0	0	0
Bldg. N113, 134 BHP Cummins - Out of Service	*	0	0	0	0	0	0	0	0	0	0	0	0
Bldg. N127, 650 BHP Detroit	*	20930	30680	39910	39975	39975	39975	38870	39390	39390	39390	35750	28340
Bldg. N144, 130 BHP CAT	*	7657	9464	11219	11362	11362	11362	11219	11297	11297	11297	8333	6201
Bldg. N145, 175 BHP Cummins	*	7210	8873	11463	11603	11603	11603	11550	11585	11585	11585	9450	6633
Bldg. N151, 158 BHP Cat	*	4076	6541	8374	8848	8848	8848	8532	8690	8690	8690	9006	7584
Bldg. N166, 175 BHP Cummins - Out of Service	*	0	0	0	0	0	0	0	0	0	0	0	0
Bldg. N168, 175 BHP Cummins	*	735	735	735	770	770	770	735	805	805	805	805	770
Bldg. N170, 175 BHP Cummins	*	613	613	613	648	648	648	648	718	718	718	420	420
Bldg. N172, 207 BHP Cummins	*	6169	8653	11592	11737	11737	11737	11633	11758	11758	11758	10267	8446
Bldg. N178, 235 BHP CAT - Out of Service	*	0	0	0	0	0	0	0	0	0	0	0	0
Bldg. N182, 1220 BHP Detroit	*	14640	14518	14518	15250	15250	15250	14884	16226	16226	16226	12322	8784
Bldg 197, 197 BHP John Deere for Runway Lighting	*	7782	10382	13928	14716	14716	14716	14460	14558	14558	14558	12273	8353
Bldg. 211, 97 BHP John Deere	*	5762	7333	9011	9225	9225	9225	9011	9128	9128	9128	7178	5325
Bldg. N255, 99 BHP Cummins	*	26542	6089	7385	7554	7554	7554	7395	7504	7504	7504	6247	4435
Bldg. N299, 145 BHP Duetz (fixed fire water pump)	*	0	0	0	0	0	0	0	58	58	58	87	87

2015 Twelve-Month Rolling Sum Throughput Report
Title V Permit 01207

Location and Device	Annual Permitted limit	December-15	November-15	October-15	September-15	August-15	July-15	June-15	May-15	April-15	March-15	February-15	January-15
Bldg. 324, 113 BHP John Deere	*	305	79	79	1220	1220	1220	1187	1187	1187	1187	1187	1187
Bldg. 327, 113 BHP John Deere	*	90	90	90	147	147	147	147	147	147	147	147	147
SLAM 2, 435 BHP Cummins	*	261	261	261	261	261	261	261	696	696	696	696	565
Telephone System, 56 BHP Cummins	*	4413	5006	4564	3763	3136	2386	2240	2257	2257	2257	2055	1831
Combined Backup Generators	**1,255,200 BHP-Hr**	**124,199**	**131,604**	**160,932**	**162,906**	**160,793**	**158,875**	**155,222**	**159,170**	**158,813**	**158,536**	**137,259**	**108,513**
Pier Generator Engine													
Barge Landing, 325 BHP International	**1,350 Hrs**	**0**	**0**	**0**	**15**	**15**	**15**	**15**	**24**	**31**	**41**	**51**	**62**
Portable Air Compressor Engines													
80 BHP John Deere Air Compressor (Portble)	*	0	0	0	0	0	0	0	0	0	0	0	0
80.5 BHP John Deere Air Compressor (Portable)	*	0	0	0	137	137	137	137	652	652	652	652	652
Combined Compressor Engines	**18,500 BHP-Hr**	**0**	**0**	**0**	**137**	**137**	**137**	**137**	**652**	**652**	**652**	**652**	**652**
Portable Gasoline Engine													
Portable 63 BHP Gasoline Ford Sewer Cleaer	**100 Hrs**	**5**	**5**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**0**	**0**
GasolineStorage and Dispensing													
Gallons of gasoline dispensed (12 month sum)	**125,000 Gallons**	**36,855**	**35,934**	**35,485**	**34,352**	**34,415**	**34,868**	**35,265**	**35,081**	**34,837**	**34,377**	**33,683**	**33,827**
Power Plant													
12-month sum	**718,845 Gallons**	**379,431**	**370,228**	**373,202**	**375,615**	**385,007**	**387,752**	**391,008**	**386,836**	**389,729**	**391,468**	**395,836**	**401,292**