

**COMPLIANCE CERTIFICATION  
JANUARY 1, 2017 – DECEMBER 31, 2017**

**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/144  
February 8, 2018

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

Dear Mr. Searcy:

SUBJECT: ANNUAL COMPLIANCE CERTIFICATION FOR TITLE V PERMITS

Annual Compliance Certifications for Title V Federal Operating Permit (Part 70 Permit) Numbers 00997, 01006, and 01207 issued to the Naval Base Ventura County are enclosed. The enclosed documents are for the reporting period January 1, 2017 through December 31, 2017.

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 at COMM: (805) 989-3210.

Sincerely,

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

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

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Ventura County  
Air Pollution  
Control District

**ANNUAL COMPLIANCE CERTIFICATION  
SIGNATURE COVER FORM**

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


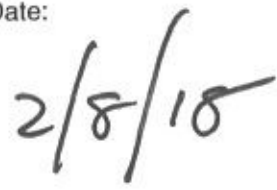
Mr. Gerardo Rios, Chief  
Permits Office (AIR-3)  
Office of Air Division  
EPA Region 9  
75 Hawthorne Street  
San Francisco, CA 94105

**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:  Title: Chris D Janke, Captain, U.S. Navy Commanding Officer, Naval Base Ventura County	Date: 
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Time Period Covered by Compliance Certification <p style="text-align: center;"><u>01 / 01 / 17</u> (MM/DD/YY) to <u>12 / 31 / 17</u> (MM/DD/YY)</p>	RECEIVED VENTURA COUNTY 2018 FEB 14 PM 3:26 A.P.C.D.
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**COMPLIANCE CERTIFICATION  
JANUARY 1, 2017 - DECEMBER 31, 2017**

**TITLE V FEDERAL OPERATING PERMIT  
PART 70 PERMIT NO. 01207**

**NAVAL BASE VENTURA COUNTY  
SAN NICOLAS ISLAND**



**1**

**SPECIFIC APPLICABLE  
REQUIREMENTS**

**2**

**PERMIT SPECIFIC CONDITIONS**

**3**

**GENERAL APPLICABLE  
REQUIREMENTS**

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**SHORT-TERM ACTIVITIES**

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# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 17 (MM/DD/YY) to 12 / 31 / 17 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Attachment 70N3-reissue711, Condition No. 1</p>	<p>D. Frequency of monitoring:</p>
<p>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</p>	<p>Periodic</p>
<p>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).</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p>
	<p>G. Compliance Status? (C or I): <u>C</u></p>
	<p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 70N3-reissue711, Condition No. 2</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Phase I vapor recovery requirements as applicable to the fueling facility on San Nicolas Island</p>	<p>Periodic</p>
<p>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 popped dry breaks (2.5) are verified at the time of the annual inspection. The Phase I VRS meets all CARB requirements (2.4).</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p>
	<p>G. Compliance Status? (C or I): <u>C</u></p>
	<p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 70N3-reissue711, Condition No. 3</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Phase II vapor recovery requirements as applicable to the San Nicolas Island fueling facility</p>	<p>Periodic</p>
<p>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 10/12/2017.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p>
	<p>G. Compliance Status? (C or I): <u>C</u></p>
	<p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

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<p>A. Attachment # or Permit Condition Attachment 70N3-reissue711, Condition No. 4</p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>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</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring:</p> <p>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).</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 70N3-reissue711, Condition No. 5</p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>Requirement that proper signs be posted at the San Nicolas Island fueling facility as listed in Conditions 5.1 through 5.5</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring:</p> <p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 70N3-reissue711, Condition No. 6.1</p>	<p>D. Frequency of monitoring:</p> <p>N/A</p>
<p>B. Description:</p> <p>Exemption from annual gasoline station testing requirements at the San Nicolas Island fueling facility</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring:</p> <p>The Stationary source is exempt from annual testing requirements</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



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Period Covered by Compliance Certification: 01 / 01 / 17 (MM/DD/YY) to 12 / 31 / 17 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Attachment 70N3-reissue711, Condition No. 7.1</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Requirement for the San Nicolas Island fueling facility to keep records of tests performed on the vapor recovery systems</p>	<p>Periodic</p>
<p>C. Method of monitoring: Records of tests of the vapor recovery systems at the San Nicolas Island fueling facility are maintained by the EDAQP.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p>
	<p>G. Compliance Status? (C or I): <u>C</u></p>
	<p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 70N-reissue711, Condition No. 7.2</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Requirement for the San Nicolas Island fueling facility to keep records of all maintenance performed on the vapor recovery systems</p>	<p>Periodic</p>
<p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p>
	<p>G. Compliance Status? (C or I): <u>C</u></p>
	<p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 70N3-reissue711, Condition No. 7.3</p>	<p>D. Frequency of monitoring:</p>
<p>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</p>	<p>Weekly</p>
<p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p>
	<p>G. Compliance Status? (C or I): <u>C</u></p>
	<p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

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<p>A. Attachment # or Permit Condition #: Attachment 70N3-reissue711, Condition No. 8</p>	<p>D. Frequency of monitoring:  Per Operation</p>
<p>B. Description: Requirement to submit an application prior to any major modification to the San Nicolas Island fueling facility(8.1)</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: No major modifications were made at the San Nicolas Island fueling facility during the compliance period.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>  G. Compliance Status? (C or I): <u>C</u>  H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>  *If yes, attach Deviation Summary Form</p>





Ventura County  
Air Pollution  
Control District

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Period Covered by Compliance Certification: 01 / 01 / 17 (MM/DD/YY) to 12 / 31 / 17 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: 74.9N10 &amp; ATCMs</p>	<p>D. Frequency of monitoring:</p>
<p>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</p>	<p>Periodic</p>
<p>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).</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>	



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Period Covered by Compliance Certification: 01 / 01 / 17 (MM/DD/YY) to 12 / 31 / 17 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Attachment 40CFR63ZZZN3, Condition No. 1</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p> <p>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</p>	<p>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</p>
<p>C. Method of monitoring:</p> <p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p> <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 40CFR63ZZZN3, Condition No. 2</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p> <p>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</p>	<p>Routine</p>
<p>C. Method of monitoring:</p> <p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p> <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 40CFR63ZZZN3, Condition No. 3</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p> <p>Requirement that existing emergency diesel stationary RICE are equipped with a non-resettable hour meter</p>	<p>Monthly</p>
<p>C. Method of monitoring:</p> <p>All existing emergency diesel stationary RICE are equipped with a non-resettable hour meter.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p> <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment 40CFR63ZZZN3, Condition No. 4</p>	<p>D. Frequency of monitoring: Routine</p>
<p>B. Description: Requirement that permittee minimize the engine's time spent at idle during startup, not to exceed 30 minutes</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 40CFR63ZZZN3, Condition No. 5(b)</p>	<p>D. Frequency of monitoring: N/A</p>
<p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: None of the existing emergency diesel stationary RICE was operated more than 100 hours during the compliance certification period for maintenance and testing operation.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 40CFR63ZZZN3, Condition No. 5(c)</p>	<p>D. Frequency of monitoring: N/A</p>
<p>B. Description: Operation of the existing emergency diesel stationary RICE for Peak shaving or non-emergency demand response program</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



Ventura County  
Air Pollution  
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<p>A. Attachment # or Permit Condition #: Attachment 40CFR63ZZZN3, Condition No. 6</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Recordkeeping requirements</p>	<p>Monthly</p>
<p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p>
	<p>G. Compliance Status? (C or I): <u>C</u></p>
	<p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 40CFR63ZZZN3, Condition No. 9</p>	<p>D. Frequency of monitoring:</p>
<p>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</p>	<p>N/A</p>
<p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p>
	<p>G. Compliance Status? (C or I): <u>C</u></p>
	<p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment 40CFR63ZZZN8</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p> <p>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</p>	<p>Routine</p>
<p>C. Method of monitoring:</p> <p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment 40CFR60IIIN3</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p> <p>New Source Performance Standards (NSPS) for stationary compression ignition internal combustion diesel engines are operated at San Nicolas Island</p>	<p>Routine</p>
<p>C. Method of monitoring:</p> <p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>	



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<p>A. Attachment # or Permit Condition #: Attachment PO01207PC1- rev421,491,501,511,521 Condition No. 1</p>	<p>D. Frequency of monitoring:  Monthly</p>
<p>B. Description: Requirement to keep monthly records of throughput, hours of operation, and usage for all operations listed in Table 3 of Permit 01207. On an ongoing basis, monthly usage for each operation is to be summed for the previous 12 months, and the totals reported</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>
<p>A. Attachment # or Permit Condition #: Attachment PO01207PC1- rev421,491,501,511,521 Condition No. 2</p>	<p>D. Frequency of monitoring:  Hourly</p>
<p>B. Description: Requirement that the maximum power produced at the Power House Electricity Generating Station not to exceed 1600 Kilowatts</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>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 1600 Kilowatts output per hour. Appendix C includes daily generation reports.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>
<p>A. Attachment # or Permit Condition #: Attachment PO01207PC1- rev421,491,501,511,521 Condition No. 3</p>	<p>D. Frequency of monitoring:  Monthly</p>
<p>B. Description: Non-federally enforceable requirement to keep records of all exempt solvents used at the stationary source</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment PO01207PC1-- rev421,491,501,511,521 Condition No. 4</p>	<p>D. Frequency of monitoring:  Annually</p>
<p>B. Description:  Requirement that all State-registered portable equipment comply with State registration requirements, and that a copy of State registration be available</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>  G. Compliance Status? (C or I): <u>C</u>  H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>  *If yes, attach Deviation Summary Form</p>





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<p>A. Attachment # or Permit Condition #: Attachment PO01207PC2-rev. 701</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p> <p>Non-Federally enforceable requirement that the sulfur content of all JP-5 deliveries to San Nicolas Island be less than 0.2 percent by weight</p>	<p>Periodic</p>
	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring:</p> <p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment PO01207PC4</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Conditions associated with alternative operating scenarios</p>	<p>N/A</p>
	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: No surge condition on or national security emergency was declared during this compliance certification period.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment PO01207PC5</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Non- Federally enforceable requirements for the storage and transfer of gasoline on San Nicolas island</p>	<p>Monthly</p>
<p>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).</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>	



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<p>A. Attachment # or Permit Condition #: Attachment PO01207PC6-rev651</p>	<p>D. Frequency of monitoring:</p>
<p>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</p>	<p>Routine</p>
<p>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.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>	



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<p>A. Attachment # or Permit Condition #: Attachment 50-- Opacity</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Prohibition of visible emissions, requirement for routine surveillance and a formal opacity survey</p>	<p>Annually</p>
	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: A formal survey by an untrained observer was conducted of emissions units at the facility. Survey was completed on 11/7/2017. Survey result is presented in Appendix B.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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



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A. Attachment # or Permit Condition #: Attachment 54.B.2	D. Frequency of monitoring:
B. Description: Sulfur compound concentrations	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.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
	F. Currently in Compliance? (Y or N): <u>Y</u>
	G. Compliance Status? (C or I): <u>C</u>
	H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form



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A. Attachment # or Permit Condition #: Attachment 57.1	D. Frequency of monitoring:
B. Description: Limit on emissions of particulate matter to 0.12 pounds per MMBTU of fuel input	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.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A  F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *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:
B. Description: Sulfur content of gaseous fuels	N/A
C. Method of monitoring: No gaseous fuels were burned in regulated units during the compliance period.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
	F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form



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<p>A. Attachment # or Permit Condition #: Attachment 64.B.2, Condition Nos. 1 through 3</p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>Sulfur content of liquid fuels</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring:</p> <p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment 74.6, Condition Nos. 1 through 7</p>	<p>D. Frequency of monitoring: Routine</p>
<p>B. Description: Solvent storage and usage requirements including ROC content and ROC composite partial pressure limits</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 74.6, Condition Nos. 8 through 10</p>	<p>D. Frequency of monitoring: N/A</p>
<p>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</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: There were no cold solvent cleaners in use during the compliance period.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 74.6, Condition Nos. 11 through 15</p>	<p>D. Frequency of monitoring: Routine</p>
<p>B. Description: Solvent cleaning activities exempt from Attachment 74.6 and record keeping requirements as applicable to compliant and non-compliant solvent usage</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment 74.11.1</p>	<p>D. Frequency of monitoring:</p> <p>Routine</p>
<p>B. Description:</p> <p>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 1,000,000 BTU/hr</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> <p>N/A</p>
<p>C. Method of monitoring:</p> <p>The requirements of Rule 74.11.1 do not apply to San Nicolas Island (SNI), because natural gas is not available at SNI.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment 74.1, Condition No. 1</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Requirement that abrasive blasting of moveable items take place within a permanent building</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 74.1, Condition Nos. 2 through 6</p>	<p>D. Frequency of monitoring: Per Operation</p>
<p>B. Description: Requirements that permissible outdoor blasting take place using approved methods</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>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</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 74.1, Condition No. 7</p>	<p>D. Frequency of monitoring: Per Operation</p>
<p>B. Description: Routine surveillance and recordkeeping associated with permissible outdoor blasting</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment 74.2, Condition Nos. 1 and 2</p>	<p>D. Frequency of monitoring: Per Operation</p>
<p>B. Description: VOC content limits for flat, nonflat, high gloss, specialty, and industrial maintenance architectural coatings</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 74.2, Condition No. 3</p>	<p>D. Frequency of monitoring: Routine</p>
<p>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</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 74.2, Condition No. 4</p>	<p>D. Frequency of monitoring: Per Operation</p>
<p>B. Description: Requirement to comply with the architectural coating VOC limits specified in Rule 74.2.B.1</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment 74.2, Condition No. 5</p>	<p>D. Frequency of monitoring:</p> <p style="margin-left: 20px;">Per Operation</p>
<p>B. Description:</p> <p>Requirement to specify VOC compliant architectural coatings, and to maintain VOC records of coatings used</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> <p style="margin-left: 20px;">N/A</p>
<p>C. Method of monitoring:</p> <p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p style="margin-left: 20px;">*If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment 74.4</p>	<p>D. Frequency of monitoring:  Per Operation</p>
<p>B. Description: Short-term cutback asphalt activities</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>  *If yes, attach Deviation Summary Form</p>





Ventura County  
Air Pollution  
Control District

## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 17 (MM/DD/YY) to 12 / 31 / 17 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Attachment 74.27</p>	<p>D. Frequency of monitoring:</p> <p>Per Operation</p>
<p>B. Description:</p> <p>Short-term gasoline and ROC liquid storage tank degassing operations</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> <p>N/A</p>
<p>C. Method of monitoring:</p> <p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



Ventura County  
Air Pollution  
Control District

## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 17 (MM/DD/YY) to 12 / 31 / 17 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Attachment 74.28</p>	<p>D. Frequency of monitoring:  Per Operation</p>
<p>B. Description: Short-term asphalt roofing operations</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>  *If yes, attach Deviation Summary Form</p>



Ventura County  
Air Pollution  
Control District

## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 17 (MM/DD/YY) to 12 / 31 / 17 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Attachment 74.29</p>	<p>D. Frequency of monitoring</p>
<p>B. Description: Short-term soil decontamination operations</p>	<p>N/A</p>
	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> <p>N/A</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



Ventura County  
Air Pollution  
Control District

## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 17 (MM/DD/YY) to 12 / 31 / 17 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: 40CFR61.M</p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>Short-term asbestos demolition or renovation activities - requirements for inspection, notification, removal, and disposal procedures</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> <p>N/A</p>
<p>C. Method of monitoring:</p> <p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



Ventura County  
Air Pollution  
Control District

## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 17 (MM/DD/YY) to 12 / 31 / 17 (MM/DD/YY)

A. Attachment # or Permit Condition #: General Part 70 Permit	D. Frequency of monitoring:
B. Description: General Title V Requirements	Periodic
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.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A  F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form



Ventura County  
Air Pollution  
Control District

## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 17 (MM/DD/YY) to 12 / 31 / 17 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: General Permit to Operate</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: General Permit to Operate conditions</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



Ventura County  
Air Pollution  
Control District

## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 17 (MM/DD/YY) to 12 / 31 / 17 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Attachment 40CFRPart 68</p>	<p>D. Frequency of monitoring:</p> <p>N/A</p>
<p>B. Description:</p> <p>Accidental Release Prevention and Risk Management Plans</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> <p>N/A</p>
<p>C. Method of monitoring:</p> <p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 17 (MM/DD/YY) to 12 / 31 / 17 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Attachment 40CFR82</p>	<p>D. Frequency of monitoring:  Periodic</p>
<p>B. Description: Protection of stratospheric ozone</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring:  No motor vehicle air conditioner services are performed at Naval Base Ventura County (NBVC). 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.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



## **Appendix A**

### **NBVC San Nicolas Island Sulfur Content of JP-5 Shipments**

## Fuel Lab Test Results

**ANALYSIS OF:** 9130-00-273-2379 TURBINE FUEL, AVIATION  
JP-5 JP5

**DATE PRINTED:** 03/02/2017 11:43:24

**FROM:** NAVSUP FLEET LOGISTICS CENTER SAN DIEGO  
Petroleum Laboratory B-70A  
199 Rosecrans Street  
San Diego, CA 92106

**TO:** NAS POINT MUGU  
FUEL DIVISION / CODE N31VF  
BUILDING 63 - 12TH STREET  
NAVAL BASE VENTURA COUNTY, PT MUGU CA 93042

**LAB SAMPLE NO.**  
1714968

**SOURCE OF SAMPLE** (Truck, tank, Aircraft, etc)  
GLOBAL LONG BEACH / SNI AFTER LOAD FR TK 8

**DATE SAMPLED**  
Feb 28, 2017 1:48 PM

**DATE RECEIVED**  
Feb 28, 2017 1:48 PM

**DATE TESTS COMPLETE**  
Mar 2, 2017 8:30 AM

**PRODUCT CODE**  
JP5

**TEST TYPE**  
JP5-B1

**BATCH NO**

**SAMPLE AMOUNT**

**REPRESENTED AMOUNT**  
1

**SAMPLE RECEIVED AT**  
PTLOMA

**SAMPLE TAKEN BY**

**REF(A)**  
MIL-DTL-5624W

**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	41.1	D1298
FLASH POINT, PMCC, °C	60 MIN	65	D93
INITIAL BOILING POINT, °C	REPORT	181.1	D86
10% RECOVERED, °C	206 MAX	195.6	D86
20% RECOVERED, °C	REPORT	201.1	D86
50% RECOVERED, °C	REPORT	216.9	D86
90% RECOVERED, °C	REPORT	244.5	D86
FINAL BOILING POINT, °C	300 MAX	266.4	D86
DISTILLATION, RESIDUE, %V	1.5 MAX	1.2	D86
DISTILLATION, LOSS, %V	1.5 MAX	0.1	D86
EXISTENT GUM, MG/100ML	7 MAX	0.6	D381
FREEZE POINT, °C	-46 MAX	-49.3	D5972
WATER REACTION RATING-INTERFACE	1b MAX.		D1094
ICING INHIBITOR, %VOL (NAVY)	0.10 TO 0.15	0.13	D5006
CORROSION, COPPER STRIP - 100 °C FOR 2 HOURS	1 MAX.	1a	D130
SEDIMENT, MG/L	1.0 MAX	0.3	D2276
SULFUR, % WT	0.30 MAX	0.044	D5453
FILTRATION TIME, MINS	15 MAX		MILTS624
UNDISSOLVED WATER, PPM(MK-1)	NVFW		D3240
WEIGHT, LB/GAL	6.6 TO 7.0 (AF-1)		XXX
DENSITY, KG/M3 @15°C	788 TO 845 (AF-1)	815.3	D4052

**REMARKS:**

(2) GLOBAL TK COMPOSITE: 2S, 3P

**SUBMITTED BY:**  
ACAINO

**ASSIGNED TECH:**  
ACAINO

**APPROVED BY DIRECTION:**  
FERIAD  
Supervisory Chemist

March 2, 2017 11:43:23 AM EST

## Fuel Lab Test Results

ANALYSIS OF: 9130-00-273-2379 TURBINE FUEL, AVIATION  
JP-5 JP5

DATE PRINTED: 05/03/2017 14:13:12

FROM: NAVSUP FLEET LOGISTICS CENTER SAN DIEGO  
Petroleum Laboratory B-70A  
199 Rosecrans Street  
San Diego, CA 92106

TO: NAS POINT MUGU  
FUEL DIVISION / CODE N31VF  
BUILDING 63 - 12TH STREET  
NAVAL BASE VENTURA COUNTY, PT MUGU CA 93042

LAB SAMPLE NO.  
1768383

SOURCE OF SAMPLE (Truck, tank, Aircraft, etc)  
GLOBAL BARGE/ SNI AFTER LOAD FR TANK 3

DATE SAMPLED  
May 2, 2017 10:46 AM

DATE RECEIVED  
May 2, 2017 10:46 AM

DATE TESTS COMPLETE  
May 3, 2017 11:00 AM

PRODUCT CODE  
JP5

TEST TYPE  
JP5-B1

BATCH NO

SAMPLE AMOUNT

REPRESENTED AMOUNT  
1

SAMPLE RECEIVED AT  
PTLOMA

SAMPLE TAKEN BY

REF(A)  
MIL-DTL-5624W

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	40.2	D1298
FLASH POINT, PMCC, °C	60 MIN	65	D93
INITIAL BOILING POINT, °C	REPORT	182.3	D86
10% RECOVERED, °C	206 MAX	197.5	D86
20% RECOVERED, °C	REPORT	202.9	D86
50% RECOVERED, °C	REPORT	218.8	D86
90% RECOVERED, °C	REPORT	251.2	D86
FINAL BOILING POINT, °C	300 MAX	278.6	D86
DISTILLATION, RESIDUE, %V	1.5 MAX	0.5	D86
DISTILLATION, LOSS, %V	1.5 MAX	1.2	D86
EXISTENT GUM, MG/100ML	7 MAX	0.2	D381
FREEZE POINT, °C	-46 MAX	-52.1	D5972
WATER REACTION RATING-INTERFACE	1b MAX.		D1094
ICING INHIBITOR, %VOL (NAVY)	0.10 TO 0.15	0.13	D5006
CORROSION, COPPER STRIP - 100 °C FOR 2 HOURS	1 MAX.	1a	D130
SEDIMENT, MG/L	1.0 MAX	0.2	D2276
SULFUR, % WT	0.30 MAX	0.021	D5453
FILTRATION TIME, MINS	15 MAX		MILT5624
UNDISSOLVED WATER, PPM(MK-1)	NVFW		D3240
WEIGHT, LB/GAL	6.6 TO 7.0 (AF-1)		XXX
DENSITY, KG/M3 @15°C	788 TO 845 (AF-1)	819.9	D4052

REMARKS:

(2) TANK COMPOSITE: 3P, 2S

SUBMITTED BY:  
ACAINO

ASSIGNED TECH:  
ACAINO

APPROVED BY DIRECTION:  
FERIAD  
Supervisory Chemist

May 3, 2017 2:13:11 PM EDT

1 / 1

Fuel Lab Batch Cleanliness							
ANALYSIS OF: 9130-00-273-2379 TURBINE FUEL, AVIATION JP-5 JP5 DATE PRINTED: 07/06/2017 13:38:18							
FROM: NAVSUP FLEET LOGISTICS CENTER SAN DIEGO Petroleum Laboratory B-70A 199 Rosecrans Street San Diego, CA 92106				DATE SAMPLE RECEIVED: Jun 29, 2017 DATE SAMPLE TESTED: Jul 5, 2017			
TO: NAS POINT MUGU FUEL DIVISION / CODE N31VF BUILDING 63 - 12TH STREET NAVAL BASE VENTURA COUNTY, PT MUGU CA 93042				BATCH: 3507 PRODUCT CODE: JP5 TEST SERIES: JP5-CN			
SAMPLE ID	SAMPLE DATE	SOURCE	FLASH POINT Deg C   Deg F	FSH%	SED MGL	APPEAR	WATER PPM OR VISUAL
1805499	Jun 16, 2017	SN1 BARGE, RETURNED @ POINT MUGU 6/16/17, AFTER RECEIP	66	0.13	0.2	C & B	NFW
REQUIREMENT LIMITS			60 MIN	0.08 TO 0.20	2 MAX	C & B	NFW
REMARKS: Sample 1805499 - SULFUR, %: 0.02							
SUBMITTED BY FERIAD			ASSIGNED TECH			Chemist, Supervisory FERIAD	

## Fuel Lab Test Results

ANALYSIS OF: Fuel, Aviation Turbine JP5 DATE PRINTED: 07/13/2016 17:36:33

FROM: NAVSUP FLEET LOGISTICS CENTER SAN DIEGO Petroleum Laboratory B-70A 199 Rosecrans Street San Diego, CA 92106	TO: NAS POINT MUGU FUEL DIVISION / CODE N31VF BUILDING 63 - 12TH STREET NAVAL BASE VENTURA COUNTY, PT MUGU CA 93042
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LAB SAMPLE NO. 1569185	SOURCE OF SAMPLE (Truck, tank, Aircraft, etc) TORI-J / SNI AFTER LOAD FR TANK 3
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DATE SAMPLED Jul 11, 2016 12:41 PM	DATE RECEIVED Jul 11, 2016 12:41 PM	DATE TESTS COMPLETE Jul 12, 2016 9:50 AM
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PRODUCT CODE JP5	TEST TYPE JP5-B1	BATCH NO
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SAMPLE AMOUNT	REPRESENTED AMOUNT 0	SAMPLE RECEIVED AT PTLOMA	SAMPLE TAKEN BY
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REF(A) MIL-DTL-5624V	REF(B) MIL-STD-3004D
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PRODUCT AS REPRESENTED BY SAMPLE MEET: ON SPEC

SPEC. LIMITS OF REF(A)? YES	USE LIMITES OF REF(B)? YES
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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	40.9	D1298
FLASH POINT, PMCC, °C	60 MIN	65	D93
INITIAL BOILING POINT, °C	REPORT	177.1	D86
10% RECOVERED, °C	206 MAX	196.1	D86
20% RECOVERED, °C	REPORT	201.5	D86
50% RECOVERED, °C	REPORT	219.5	D86
90% RECOVERED, °C	REPORT	249.1	D86
FINAL BOILING POINT, °C	300 MAX	271.5	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	1.4	D381
FREEZE POINT, °C	-46 MAX	-52.6	D5972
WATER REACTION RATING-INTERFACE	1b MAX.		D1094
ICING INHIBITOR, %Vol (NAVY)	0.10 TO 0.15	0.115	D5006
CORROSION, COPPER STRIP - 100 °C FOR 2 HOURS	1 MAX.	1a	D130
SEDIMENT, mg/L	1.0 MAX	0.2	D5452
SULFUR, % WT	0.30 MAX	0.0102	D5453
FILTRATION TIME, mins	15 MAX		MILT5624
DENSITY, kg/m3 @15°C	788 TO 845 (AF-1)	816.3	D4052
UNDISSOLVED WATER, ppm(MK-1)	NVFW		NAVSEA-541
WEIGHT, LB/GAL	6.6 TO 7.0 (AF-1)		XXX

REMARKS:

TORI-J TK: 3

SUBMITTED BY: ACAINO	ASSIGNED TECH: ACAINO	APPROVED BY DIRECTION: FERIAD Supervisory Chemist
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### Fuel Lab Batch Cleanliness

ANALYSIS OF: 9130-00-273-2379 TURBINE FUEL, AVIATION JP-5 JP5 DATE PRINTED: 08/07/2017 17:11:58

FROM: NAVSUP FLEET LOGISTICS CENTER SAN DIEGO Petroleum Laboratory B-70A 199 Rosecrans Street San Diego, CA 92106	DATE SAMPLE RECEIVED: Jul 31, 2017 DATE SAMPLE TESTED: Aug 7, 2017
TO: NAS POINT MUGU FUEL DIVISION / CODE N31VF BUILDING 63 - 12TH STREET NAVAL BASE VENTURA COUNTY, PT MUGU CA 93042	BATCH: 3560 PRODUCT CODE: JP5 TEST SERIES: JP5-CN

SAMPLE ID	SAMPLE DATE	SOURCE	FLASH POINT	FSII%	SED MG/L	APPEAR	WATER PPM OR VISUAL
			Deg C   Deg F				
1849977	Jul 21, 2017	SNI BARGE RECEIPT NAS PT MUGU	64	0.13	0.2	C & B	NFW

REQUIREMENT LIMITS: 60 MIN | 0.08 TO 0.20 2 MAX C & B NFW

**REMARKS:**

Sample 1849977: SULFUR: 0.029%

SUBMITTED BY: ACAINO	ASSIGNED TECH ACAINO	Chemist, Supervisory FERIAD
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### Fuel Lab Test Results

ANALYSIS OF: 9130-00-273-2379 TURBINE FUEL, AVIATION JP-5 JP5      DATE PRINTED: 08/30/2016 16:19:37

FROM: NAVSUP FLEET LOGISTICS CENTER SAN DIEGO Petroleum Laboratory B-70A 199 Rosecrans Street San Diego, CA 92106	TO: NAS POINT MUGU FUEL DIVISION / CODE N31VF BUILDING 63 - 12TH STREET NAVAL BASE VENTURA COUNTY, PT MUGU CA 93042
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LAB SAMPLE NO. 1595658	SOURCE OF SAMPLE (Truck, tank, Aircraft, etc) TORI-J /SAN NICOLAS AFTER LOAD FR TK 4
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DATE SAMPLED Aug 29, 2016 10:31 AM	DATE RECEIVED Aug 29, 2016 10:31 AM	DATE TESTS COMPLETE Aug 30, 2016 1:15 PM
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PRODUCT CODE JP5	TEST TYPE JP5-B1	BATCH NO
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SAMPLE AMOUNT	REPRESENTED AMOUNT 0	SAMPLE RECEIVED AT PTLOMA	SAMPLE TAKEN BY
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REF(A) MIL-DTL-5624V	REF(B) MIL-STD-3004D
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PRODUCT AS REPRESENTED BY SAMPLE MEET: ON SPEC

SPEC. LIMITS OF REF(A)?	YES	USE LIMITES OF REF(B)?	YES	
<b>MARKING</b>		<b>LIMITS OF REF(A) &amp; REF(B)</b>	<b>RESULTS</b>	<b>METHOD NO</b>
APPEARANCE		C & B	C & B	D4176
COLOR, SAYBOLT		REPORT		D156
GRAVITY, API @60°F		36 TO 48	39.0	D1298
FLASH POINT, PMCC, °C		60 MIN	67	D93
INITIAL BOILING POINT, °C		REPORT	180.7	D86
10% RECOVERED, °C		206 MAX	195.3	D86
20% RECOVERED, °C		REPORT	205.5	D86
50% RECOVERED, °C		REPORT	221.3	D86
90% RECOVERED, °C		REPORT	245.7	D86
FINAL BOILING POINT, °C		300 MAX	267.4	D86
DISTILLATION, RESIDUE, %V		1.5 MAX	1.2	D86
DISTILLATION, LOSS, %V		1.5 MAX	0.6	D86
EXISTENT GUM, MG/100ML		7 MAX	0.2	D381
FREEZE POINT, °C		-46 MAX	-51.5	D5972
WATER REACTION RATING-INTERFACE		1b MAX.		D1094
ICING INHIBITOR, %VOL (NAVY)		0.10 TO 0.15	0.125	D5006
CORROSION, COPPER STRIP - 100 °C FOR 2 HOURS		1 MAX.	1a	D130
SEDIMENT, MG/L		1.0 MAX	0.2	D2276
SULFUR, % WT		0.30 MAX	0.0089	D5453
FILTRATION TIME, MINS		15 MAX		MILT5624
DENSITY, KG/M3 @15°C		788 TO 845 (AF-1)	825.8	D4052
UNDISSOLVED WATER, PPM(MK-1)		NVFW		D3240
WEIGHT, LB/GAL		6.6 TO 7.0 (AF-1)		XXX

**REMARKS:**

TORI-J TANK : 3

SUBMITTED BY: ACAINO	ASSIGNED TECH: ACAINO	APPROVED BY DIRECTION: FERIAD Supervisory Chemist
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## Fuel Lab Test Results

**ANALYSIS OF:** 9130-00-273-2379 TURBINE FUEL, AVIATION  
JP-5 JP5

**DATE PRINTED:** 09/20/2017 16:19:52

**FROM:** NAVSUP FLEET LOGISTICS CENTER SAN DIEGO  
Petroleum Laboratory B-70A  
199 Rosecrans Street  
San Diego, CA 92106

**TO:** NAS POINT MUGU  
FUEL DIVISION / CODE N31VF  
BUILDING 63 - 12TH STREET  
NAVAL BASE VENTURA COUNTY, PT MUGU CA 93042

**LAB SAMPLE NO.**  
1922700

**SOURCE OF SAMPLE** (Truck, tank, Aircraft, etc)  
CFL 87 / SAN NICOLAS ISLAND COMP 1-4

**DATE SAMPLED**  
Sep 20, 2017 12:59 PM

**DATE RECEIVED**  
Sep 20, 2017 12:59 PM

**DATE TESTS COMPLETE**  
Sep 20, 2017 1:15 PM

**PRODUCT CODE**  
JP5

**TEST TYPE**  
JP5-C

**BATCH NO**

**SAMPLE AMOUNT**

**REPRESENTED AMOUNT**

**SAMPLE RECEIVED AT**  
PTLOMA

**SAMPLE TAKEN BY**

**REF(A)**  
MIL-DTL-5624W

**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, ASTM	REPORT		D156
GRAVITY, API @60°F	36 TO 48	39.8	D1298
FLASH POINT, PMCC, °C	60 MIN	64	D93
ICING INHIBITOR, %VOL (NAVY)	0.10 TO 0.15	0.12	D5006

**REMARKS:**

SOURCE: TANK 3; SULFUR= 0.036%

**SUBMITTED BY:**  
ACAINO

**ASSIGNED TECH:**  
ACAINO

**APPROVED BY DIRECTION:**  
FERIAD  
Supervisory Chemist



### Fuel Lab Test Results

ANALYSIS OF: 9130-00-273-2379 TURBINE FUEL, AVIATION  
JP-5 JP5

DATE PRINTED: 11/23/2016 11:22:25

FROM: NAVSUP FLEET LOGISTICS CENTER SAN DIEGO  
Petroleum Laboratory B-70A  
199 Rosecrans Street  
San Diego, CA 92106

TO: NAS POINT MUGU  
FUEL DIVISION / CODE N31VF  
BUILDING 63 - 12TH STREET  
NAVAL BASE VENTURA COUNTY, PT MUGU CA 93042

LAB SAMPLE NO.  
1649659

SOURCE OF SAMPLE (Truck, tank, Aircraft, etc)  
TORI-J BARGE FOR SNI AFTER LOAD FROM TK 4

DATE SAMPLED  
Nov 21, 2016 7:43 AM

DATE RECEIVED  
Nov 21, 2016 7:43 AM

DATE TESTS COMPLETE  
Nov 23, 2016 7:30 AM

PRODUCT CODE  
JP5

TEST TYPE  
JP5-B1

BATCH NO

SAMPLE AMOUNT

REPRESENTED AMOUNT  
0

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	39.8	D1298
FLASH POINT, PMCC, °C	60 MIN	66	D93
INITIAL BOILING POINT, °C	REPORT	179.2	D86
10% RECOVERED, °C	206 MAX	198.8	D86
20% RECOVERED, °C	REPORT	205.0	D86
50% RECOVERED, °C	REPORT	221.4	D86
90% RECOVERED, °C	REPORT	246.0	D86
FINAL BOILING POINT, °C	300 MAX	236.6	D86
DISTILLATION, RESIDUE, %V	1.5 MAX	1.2	D86
DISTILLATION, LOSS, %V	1.5 MAX	0.1	D86
EXISTENT GUM, MG/100ML	7 MAX	0.4	D381
FREEZE POINT, °C	-46 MAX	-49.0	D5972
WATER REACTION RATING-INTERFACE	1b MAX.		D1094
ICING INHIBITOR, %VOL (NAVY)	0.10 TO 0.15	0.13	D5006
CORROSION, COPPER STRIP - 100 °C FOR 2 HOURS	1 MAX.	1a	D130
SEDIMENT, MG/L	1.0 MAX	0.2	D2276
SULFUR, % WT	0.30 MAX	0.024	D5453
FILTRATION TIME, MINS	15 MAX		MILT5624
DENSITY, KG/M3 @15°C	788 TO 845 (AF-1)	821.9	D4052
UNDISSOLVED WATER, PPM(MK-1)	NVFW		D3240
WEIGHT, LB/GAL	6.6 TO 7.0 (AF-1)		XXX

REMARKS:

SUBMITTED BY:  
FERIAD

ASSIGNED TECH:  
ACAINO

APPROVED BY DIRECTION:  
FERIAD  
Supervisory Chemist

## **Appendix B**

### **NBVC San Nicolas Island Opacity Survey**

**2017 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	11/7/2017	N	N	
Powrhouse	2,205 BHP Cummins Model QSK45-G8, Unit G-2	11/7/2017	N	N	
Powrhouse	1,480 BHP Cummins Model QSK50-DR, Unit G-3	11/7/2017	N	N	
Powrhouse	1,490 BHP Cummins Model QST30-G5-NR2, Unit G-4	11/7/2017	N	N	
Powrhouse	1,440 BHP EMD-GM Model 16-567-C, Unit G-5	11/7/2017	N	Y	
Powrhouse	250 BHP Cummins Model QSB6.7-G3-NR3 (backup)	11/7/2017	N	N	
Portable JP-5-Fired Engine	113 BHP John Deere Model 4045T, ID Range-P1	11/7/2017	N	N	
Portable JP-5-Fired Engine	113 BHP John Deere Model 4045T, ID Range-P2	11/7/2017	N	N	
Portable JP-5-Fired Engine	113 BHP John Deere Model 4045T, ID Range-P3	11/7/2017	N	N	
Portable JP-5-Fired Engine	113 BHP John Deere Model 4045T, ID Range-P5	11/7/2017	N	N	
Portable JP-5-Fired Engine	397 BHP Caterpillar Model 3306	11/7/2017	N	N	
Portable JP-5-Fired Engine	165 BHP John Deere Model 6068TF275	11/7/2017	N	N	
Portable JP-5-Fired Engine	167 BHP Allis Chalmers Model 3500-A	11/7/2017	N	N	
Sweeper	115 BHP John Deere Model 4045HFC92B	11/7/2017	N	N	
Portable JP-5-Fired Engine	78 BHP Isuzu Model 6BD1	11/7/2017	N	N	
JP-5-fired Backup Engine	99 BHP John Deere Model 4045TF285, Medical Clinic, Building 58	11/7/2017	N	N	
JP-5-fired Backup Engine	145 BHP Deutz Model DFP4-2012-C15, Fire Water Pump, Building N299	11/7/2017	N	N	
JP-5-fired Backup Engine	197 BHP John Deere Model 6068HF285, Runway Lighting Backup, Building N197	11/7/2017	N	N	
JP-5-fired Backup Engine	1,220 BHP Detroit Model 91237306, Building N182	11/7/2017	N	N	
JP-5-fired Backup Engine	650 BHP Detroit Model 400 ROZD71, Building N127	11/7/2017	N	N	

**2017 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	N/A	N	N	Out of service during compliance certification period
JP-5-fired Backup Engine	207 BHP Cummins Model 6CT8.3-G2, Building N172	11/7/2017	N	N	
JP-5-fired Backup Engine	175 BHP Cummins Model NT 495 G, Building N166	N/A	N	N	Out of service during compliance certification period
JP-5-fired Backup Engine	175 BHP Cummins Model NT 495 G, Building N168	11/7/2017	N	N	
JP-5-fired Backup Engine	175 BHP Cummins Model NT 495 G, Building N170	11/7/2017	N	N	
JP-5-fired Backup Engine	175 BHP Cummins Model NT 4950 G, Building N145	11/7/2017	N	N	
JP-5-fired Backup Engine	364 BHP Cummins Model QSL9-G2-NR3, Building N111	11/7/2017	N	N	
JP-5-fired Backup Engine	134 BHP Cummins Model 6BT-5.9, Building N112	N/A	N	N	Out of service during compliance certification period
JP-5-fired Backup Engine	134 BHP Cummins Model 6BT-5.9, Building N113	N/A	N	N	Out of service during compliance certification period
JP-5-fired Backup Engine	130 BHP Cat Model C4.4, Building N144	11/7/2017	N	N	
JP-5-fired Backup Engine	99 BHP Cummins Model 4BTA3.9-G5, Building N255	11/7/2017	N	N	
JP-5-fired Backup Engine	56 BHP Cummins Model 4B3.3-G1, Telephone system	11/7/2017	N	N	
JP-5-fired Backup Engine	158 BHP Caterpillar Model 3116-D1, Building N151	11/7/2017	N	N	
JP-5-fired Backup Engine	97 BHP John Deere, Model 5030HF285G, Building N211	11/7/2017	N	N	
JP-5-fired Backup Engine	435 BHP Cummins Model NT 855 06, SLAM 2	11/7/2017	N	N	
JP-5-fired Backup Engine	113 BHP John Deere Model 4045T, Building 327	11/7/2017	N	N	
JP-5-fired Backup Engine	113 BHP John Deere Model 4045T, Building 324	11/7/2017	N	N	
Barge Landing Generator	324 BHP Cummins Model QSB7-G5 NR3	11/7/2017	N	N	
Air Compressor	80 BHP John Deere Model 4039 DF	N/A	N	N	Removed from service
Air Compressor	80.5 BHP John Deere Model 4045DF150B	11/7/2017	N	N	
Portable Gasoline Engine	63 BHP Ford, Model LSG-4231-6007-B	11/7/2017	N	N	

## **Appendix C**

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

## SNI Powerhouse Daily Generation

Monday, January 2, 2017

Time	Unit 1		Unit 2		Unit 3		Unit 4		Unit 5		Totals Hourly Total
	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	
01:00			530	0.84							530
02:00			540	0.84							540
03:00			510	0.83							510
04:00			510	0.82							510
05:00			480	0.81							480
06:00			530	0.84							530
07:00			530	0.83							530
08:00			510	0.82							510
09:00			490	0.82							490
10:00			530	0.84							530
11:00			520	0.83							520
12:00			540	0.84							540
13:00			530	0.83							530
14:00			490	0.82							490
15:00			550	0.84							550
16:00			530	0.84							530
17:00			500	0.83							500
18:00			540	0.84							540
19:00			580	0.84							580
20:00			510	0.83							510
21:00			510	0.83							510
22:00			500	0.83							500
23:00			510	0.85							510
24:00			540	0.85							540
<b>Total KW</b>	0		12,510		0		12,510		0		12,510

## SNI Powerhouse Daily Generation

Saturday, February 4, 2017

Time	Unit 1		Unit 2		Unit 3		Unit 4		Unit 5		Totals Hourly Total
	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	
01:00					540	0.76					540
02:00					560	0.76					560
03:00					540	0.76					540
04:00					510	0.86					510
05:00					530	0.85					530
06:00					580	0.88					580
07:00					530	0.86					530
08:00					500	0.84					500
09:00					540	0.86					540
10:00					530	0.84					530
11:00					510	1.00					510
12:00					450	1.00					450
13:00					470	1.00					470
14:00					550	1.00					550
15:00					450	1.00					450
16:00					430	1.00					430
17:00					370	1.00					370
18:00					440	1.00					440
19:00					410	1.00					410
20:00					430	1.00					430
21:00					450	1.00					450
22:00					380	1.00					380
23:00					400	1.00					400
24:00					290	1.00					290
<b>Total KW</b>	<b>0</b>		<b>0</b>		<b>11,390</b>		<b>0</b>		<b>0</b>		<b>11,390</b>

## SNI Powerhouse Daily Generation

Monday, March 6, 2017

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									310	1.00	310	
02:00									400	0.99	400	
03:00									300	1.00	300	
04:00									380	1.00	380	
05:00									330	1.00	330	
06:00									370	1.00	370	
07:00									400	1.00	400	
08:00									450	1.00	450	
09:00									420	1.00	420	
10:00									470	0.99	470	
11:00									550	0.99	550	
12:00									450	1.00	450	
13:00									480	1.00	480	
14:00									500	0.99	500	
15:00									450	1.00	450	
16:00									460	1.00	460	
17:00									410	1.00	410	
18:00									420	1.00	420	
19:00									680	0.80	680	
20:00									700	0.81	700	
21:00							620	0.83			620	
22:00							330	1.00			330	
23:00							310	1.00			310	
24:00							320	1.00			320	
<b>Total KW</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,580</b>	<b>0.83</b>	<b>8,930</b>	<b>0.81</b>	<b>10,510</b>	



## SNI Powerhouse Daily Generation

Saturday, April 8, 2017

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	Gen Totals	Hourly Total
01:00									460	1.00	460	460
02:00									470	1.00	470	470
03:00									510	1.00	510	510
04:00									440	1.00	440	440
05:00									480	1.00	480	480
06:00									420	1.00	420	420
07:00									410	1.00	410	410
08:00									420	1.00	420	420
09:00									410	1.00	410	410
10:00									390	1.00	390	390
11:00									450	1.00	450	450
12:00									440	1.00	440	440
13:00									420	1.00	420	420
14:00									400	1.00	400	400
15:00									440	1.00	440	440
16:00									410	1.00	410	410
17:00									440	1.00	440	440
18:00									450	0.99	450	450
19:00									430	1.00	430	430
20:00									440	1.00	440	440
21:00									450	1.00	450	450
22:00									390	1.00	390	390
23:00									400	1.00	400	400
24:00									450	1.00	450	450
<b>Total KW</b>	0		0		0		0		10,420		10,420	10,420

## SNI Powerhouse Daily Generation

Wednesday, May 10, 2017

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	1.00									550
02:00	556	1.00									556
03:00	572	1.00									572
04:00	576	1.00									576
05:00	584	1.00									584
06:00	627	1.00									627
07:00	595	1.00									595
08:00	590	1.00									590
09:00	610	1.00									610
10:00	594	1.00									594
11:00					570	1.00					570
12:00					560	1.00					560
13:00					560	1.00					560
14:00					470	1.00					470
15:00					590	1.00					590
16:00					520	1.00					520
17:00					520	1.00					520
18:00					590	1.00					590
19:00					570	1.00					570
20:00					550	1.00					550
21:00					500	1.00					500
22:00					570	1.00					570
23:00					540	1.00					540
24:00					520	1.00					520
<b>Total KW</b>	<b>5,854</b>		<b>0</b>		<b>7,630</b>		<b>0</b>		<b>0</b>		<b>13,484</b>

## SNI Powerhouse Daily Generation

Monday, June 12, 2017

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	
01:00							440	1.00			440
02:00							440	1.00			440
03:00							390	1.00			390
04:00							470	1.00			470
05:00							440	1.00			440
06:00							570	1.00			570
07:00							500	1.00			500
08:00							570	1.00			570
09:00							540	1.00			540
10:00							400	1.00			400
11:00							480	1.00			480
12:00							520	0.99			520
13:00							520	0.80			520
14:00							500	1.00			500
15:00							420	1.00			420
16:00							460	1.00			460
17:00							420	1.00			420
18:00							460	1.00			460
19:00							490	1.00			490
20:00							450	1.00			450
21:00							470	1.00			470
22:00							430	1.00			430
23:00							490	1.00			490
24:00							440	1.00			440
<b>Total KW</b>	0		0		0		11,310		0		11,310

## SNI Powerhouse Daily Generation

Friday, July 14, 2017

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					460	0.85					460	
02:00					450	1.00					450	
03:00					460	1.00					460	
04:00					420	1.00					420	
05:00					420	1.00					420	
06:00					350	1.00					350	
07:00					520	0.85					520	
08:00					430	0.82					430	
09:00					430	0.82					430	
10:00					430	0.84					430	
11:00					460	0.85					460	
12:00					480	0.76					480	
13:00					430	0.85					430	
14:00					450	1.00					450	
15:00					460	1.00					460	
16:00					390	1.00					390	
17:00					370	1.00					370	
18:00					300	1.00					300	
19:00					520	0.82					520	
20:00					300	0.99					300	
21:00					280	1.00					280	
22:00					260	1.00					260	
23:00					340	1.00					340	
24:00					510	0.77					510	
<b>Total KW</b>	0		0		9,920		0		0		9,920	

## SNI Powerhouse Daily Generation

Wednesday, August 16, 2017

Time	Unit 1		Unit 2		Unit 3		Unit 4		Unit 5		Totals Hourly Total
	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	
01:00					320	1.00					320
02:00					300	1.00					300
03:00					280	1.00					280
04:00					260	1.00					260
05:00					310	1.00					310
06:00					480	1.00					480
07:00					400	1.00					400
08:00					360	1.00					360
09:00					320	1.00					320
10:00					520	1.00					520
11:00					560	0.90					560
12:00					520	1.00					520
13:00					550	0.91					550
14:00					470	0.90					470
15:00					500	1.00					500
16:00					440	1.00					440
17:00					450	1.00					450
18:00					400	1.00					400
19:00					410	1.00					410
20:00					320	1.00					320
21:00					480	0.86					480
22:00					310	1.00					310
23:00					300	1.00					300
24:00					230	1.00					230
<b>Total KW</b>	0		0		9,490		0		0		9,490

## SNI Powerhouse Daily Generation

Monday, September 18, 2017

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	Gen Totals	Hourly Total
01:00							420	0.83				420
02:00							510	0.88				510
03:00							480	0.79				480
04:00							520	0.78				520
05:00							520	0.75				520
06:00							550	0.76				550
07:00							620	0.79				620
08:00							600	0.79				600
09:00							590	0.77				590
10:00							600	0.79				600
11:00							660	0.80				660
12:00							650	0.80				650
13:00							540	0.74				540
14:00							520	0.88				520
15:00							560	0.80				560
16:00							570	0.77				570
17:00							410	0.81				410
18:00							460	0.66				460
19:00							360	0.76				360
20:00							440	0.83				440
21:00							640	0.83				640
22:00							270	0.67				270
23:00							270	0.60				270
24:00							260	0.65				260
<b>Total KW</b>	0		0		0		12,020		0		0	12,020

## SNI Powerhouse Daily Generation

Friday, October 20, 2017

Time	Unit 1		Unit 2		Unit 3		Unit 4		Unit 5		Hourly Total
	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	
01:00					430	0.68					430
02:00					400	0.66					400
03:00					480	0.73					480
04:00					560	0.77					560
05:00					580	0.78					580
06:00					540	0.74					540
07:00					560	0.76					560
08:00					530	0.75					530
09:00					560	0.76					560
10:00					510	0.74					510
11:00					560	0.77					560
12:00					550	0.76					550
13:00					580	0.77					580
14:00					580	0.78					580
15:00					560	0.76					560
16:00					500	0.73					500
17:00					510	0.74					510
18:00					590	0.78					590
19:00							590	0.79			590
20:00							570	0.78			570
21:00									570	0.78	570
22:00									600	0.79	600
23:00									560	0.78	560
24:00									520	0.76	520
<b>Total KW</b>	<b>0</b>	<b>0</b>	<b>9,580</b>	<b>1,160</b>	<b>2,250</b>	<b>12,990</b>					

## SNI Powerhouse Daily Generation

Wednesday, November 22, 2017

Time	Unit 1		Unit 2		Unit 3		Unit 4		Unit 5		Totals Hourly Total
	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	Gen Totals	Pwr Factor	
01:00	330	0.82									330
02:00	537	0.99									537
03:00	434	1.00									434
04:00	439	1.00									439
05:00	562	1.00									562
06:00	540	0.99									540
07:00	537	0.92									537
08:00	566	0.78									566
09:00	522	0.75									522
10:00	575	0.78									575
11:00	524	0.75									524
12:00	547	0.74									547
13:00	600	0.79									600
14:00	469	0.71									469
15:00	510	0.73									510
16:00	561	0.75									561
17:00	536	0.76									536
18:00	491	0.77									491
19:00	538	0.89									538
20:00	432	0.86									432
21:00	496	0.89									496
22:00	501	0.89									501
23:00	397	0.83									397
24:00	379	0.84									379
<b>Total KW</b>	<b>12,023</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>12,023</b>



## SNI Powerhouse Daily Generation

Sunday, December 24, 2017

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					570	0.89					570
02:00					350	0.77					350
03:00					370	0.78					370
04:00					370	0.78					370
05:00					370	0.78					370
06:00					350	0.76					350
07:00					370	0.80					370
08:00					550	0.89					550
09:00					490	0.75					490
10:00					490	0.74					490
11:00					540	0.77					540
12:00					530	0.77					530
13:00					460	0.84					460
14:00					380	0.80					380
15:00					430	0.81					430
16:00					490	0.83					490
17:00					450	0.83					450
18:00					480	0.83					480
19:00					590	0.88					590
20:00					480	0.84					480
21:00					460	0.83					460
22:00					460	0.83					460
23:00					440	0.81					440
24:00					490	0.84					490
<b>Total KW</b>	0		0		10,960		0		0		10,960

## **Appendix D**

### **NBVC San Nicolas Island RICE NESHAP Maintenance Records**

NAVFAC SAN NICOLAS ISLAND RICE NESHAP MAINTENANCE RECORD

Bldg	Device	Engine Oil Analysis <sup>2</sup>		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) <sup>1</sup>	10/27/2017	464.0	Passing Analysis - N/R	Passing Analysis - N/R	10/27/2017	464.0	10/27/2017	464.0
111	364 BHP Cummins		Post 2006 Construction, Maintenance not Required						
144	130 BHP CAT		Post 2006 Construction, Maintenance not Required						
145	175 BHP Cummins <sup>1</sup>	10/3/2017	1401.6	Passing Analysis - N/R	Passing Analysis - N/R	10/3/2017	1401.6	10/3/2017	1401.6
151	156 BHP Caterpillar <sup>1</sup>	10/3/2017	525	Passing Analysis - N/R	Passing Analysis - N/R	10/3/2017	525	10/3/2017	525
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 <sup>1</sup>	10/3/2017	1058.5	12/4/2017	1060.0	10/3/2017	1058.5	10/3/2017	1058.5
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 = 9.3  
 New oil V100 = 15



**SAN NICOLAS ISLAND RANGE RICE NESHAP MAINTENANCE RECORD**

Bldg	Device	Engine Oil Analysis <sup>2</sup>		Engine and Filter Oil Change <sup>*</sup>		Air Cleaner Inspection <sup>**</sup>		Hoses and Belts Inspection <sup>***</sup>	
		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	1/18/2017	1227.8	Passing Analysis - N/R	Passing Analysis - N/R	1/18/2017	1227.8	1/18/2017	1227.8
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	1/6/2017	1465.9	Passing Analysis - N/R	Passing Analysis - N/R	1/6/2017	1465.9	1/6/2017	1465.9
166	175 BHP Cummins			Out of Service on Title V Permit #1207, Maintenance not Required					
168	175 BHP Cummins	1/19/2017	717.1	3/7/2017	717.1	1/19/2017	717.1	1/19/2017	717.1
170	175 BHP Cummins	1/25/2017	1237.7	3/7/2017	5/21/1903	1/25/2017	1237.7	1/25/2017	1237.7
172	207 BHP Cummins	1/6/2017	1240.4	Passing Analysis - N/R	Passing Analysis - N/R	1/6/2017	1240.4	1/6/2017	1240.4
178	235 BHP CAT			Out of Service on Title V Permit #1207, Maintenance not Required					
182	1220 BHP Detroit	1/7/2017	213.0	Passing Analysis - N/R	Passing Analysis - N/R	1/7/2017	213.0	1/7/2017	213.0
299	145 BHP Duetz (Fira Pump)	1/7/2017	16.0	3/7/2017	16.0	1/7/2017	16.0	1/7/2017	16.0
324	113 BHP John Deere			Post 2006 Construction, Maintenance not Required					
327	113 BHP John Deere			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

Hour meter for Building 168 was switched with hour meter for Building 166. Building 166 standby generator is out of service.

**2. Optional Oil Analysis Results:**

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

## **Appendix E**

# **NBVC San Nicolas Island Annual Throughput/Consumption Report**



**2017 Twelve-Month Rolling Sum Throughput Report  
Title V Permit 01207**

Location and Device	Annual Permitted limit	December-17	November-17	October-17	September-17	August-17	July-17	June-17	May-17	April-17	March-17	February-17	January-17
Bldg. 324, 113 BHP John Deere	*	45	45	45	0	0	0	0	0	0	1164	1164	1164
Bldg. 327, 113 BHP John Deere	*	655	655	655	655	655	655	655	655	655	655	0	0
SLAM 2, 435 BHP Cummins	*	740	740	740	653	653	653	653	653	653	0	0	0
Telephone System, 56 BHP Cummins	*	6	17	17	11	11	11	11	11	11	1142	1142	1142
Combined Backup Generators	1,255,200 BHP-Hr	88,174	143,750	178,688	169,392	165,018	148,138	146,993	146,993	146,993	196,532	188,614	188,614
<b>Pier Generator Engine</b>													
Barge Landing, 324 BHP Cummins	1,350 Hrs	186	190	205	207	200	189	182	171	160	166	150	124
<b>Portable Air Compressor Engines</b>													
80 BHP John Deere Air Compressor (Removed)	*	0	0	0	0	0	0	0	0	0	0	0	0
80.5 BHP John Deere Air Compressor (Portable)	*	24	40	40	32	32	40	24	24	24	24	24	24
Combined Compressor Engines	18,500 BHP-Hr	24	40	40	32	32	40	24	24	24	24	24	24
<b>Portable Gasoline Engine</b>													
Portable 63 BHP Gasoline Ford Sewer Cleaer	100 Hrs	0	0	0	0	0	0	0	0	0	0	0	0
<b>Gasoline Storage and Dispensing</b>													
Gallons of gasoline dispensed (12 month sum)	125,000 Gallons	29,819	30,608	30,197	30,909	30,781	30,035	29,870	30,462	30,719	30,949	31,063	31,170
<b>Power Plant</b>													
12-month sum	718,845 Gallons	334,135	333,340	333,315	328,626	336,068	336,830	345,612	341,683	344,537	347,569	354,166	357,170