



DEPARTMENT OF THE NAVY

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

VENTURA COUNTY
2025 FEB 12 PM 3:16
A.P.C.D.

IN REPLY REFER TO

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January 31, 2025

Mr. Keith Macias
Manager Compliance Division
Ventura County Air Pollution Control District
4567 Telephone Road
Ventura, CA 93003

Dear Mr. Macias:

SUBJECT: ANNUAL PART 70 PERMIT COMPLIANCE CERTIFICATIONS

Please find enclosures (1) to (3), Annual Compliance Certifications for Naval Base Ventura County's (NBVC) Part 70 Permit numbers 00997, 01006, and 01207. The enclosures document NBVC's Part 70 Permit compliance status for the reporting period of January 1, 2024 through December 31, 2024.

The Annual Compliance Certifications are being provided to fulfill the requirements stated in Condition 15, Section 10 of our Part 70 Permits. If you have any questions regarding the enclosed documents, please contact the Air Quality Program Manager, Mrs. Leticia Martin who can be reached at COMM: (805) 989-3556 or via email: leticia.martin3.civ@us.navy.

Sincerely,

D. W. BROWN
Captain, U.S. Navy
Commanding Officer

- Enclosures:
1. Annual Compliance Certification for Part 70 Permit Number 00997
 2. Annual Compliance Certification for Part 70 Permit Number 01006
 3. Annual Compliance Certification for Part 70 Permit Number 01207

**COMPLIANCE CERTIFICATION
JANUARY 1, 2024 – DECEMBER 31, 2024**

**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
4567 Telephone Rd
Ventura, CA 93003

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



Ventura County
Air Pollution
Control District

**ANNUAL COMPLIANCE CERTIFICATION
SIGNATURE COVER FORM**

TV Permit # 01207

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


Ms. Roshni Brahmbhatt
Enforcement & Compliance Enforcement 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.

<p>Signature and Title of Responsible Official:</p>  <p>Title: Daniel W. Brown, Captain, U.S. Navy Commanding Officer, Naval Base Ventura County</p>	<p>Date:</p> <p><i>4 FEB 2025</i></p>
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<p>Time Period Covered by Compliance Certification</p> <p><u>01</u> / <u>01</u> / <u>24</u> (MM/DD/YY) to <u>12</u> / <u>31</u> / <u>24</u> (MM/DD/YY)</p>
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ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 24 (MM/DD/YY) to 12 / 31 / 24 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Attachment 70N3-reissue711, Condition No. 1</p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>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>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring:</p> <p>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>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. 2</p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>Phase I vapor recovery requirements as applicable to the fueling facility on San Nicolas Island</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>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 poppetted 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>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. 3</p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>Phase II vapor recovery requirements as applicable to 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>Phase II vapor recovery system has been removed from the permit and secured until contract action is in place to permanently remove the system. No vapor recovery test was conducted 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></p> <p>*If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment 70N3-reissue711, Condition No. 4</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Requirement that Phase II vapor recovery systems be operated with none of the defects listed in California Code of Regulations Section 94006, Subchapter 8, Chapter 1, Part III, of Title 18 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: 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> 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 70N3-reissue711, Condition No. 5</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: 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: 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> 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 70N3-reissue711, Condition No. 6.1</p>	<p>D. Frequency of monitoring: N/A</p>
<p>B. Description: 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: The Stationary source is exempt from annual testing requirements</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 70N3-reissue711, Condition No. 7.1</p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>Requirement for the San Nicolas Island fueling facility to keep records of tests performed on the vapor recovery systems</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>Records of tests of the vapor recovery systems at the San Nicolas Island fueling facility are maintained by the 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 70N-reissue711, Condition No. 7.2</p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>Requirement for the San Nicolas Island fueling facility to keep records of all maintenance performed on the vapor recovery systems</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>Records of all maintenance of the vapor recovery system at the San Nicolas Island fueling facility are maintained by the Supply Department, Fuel Branch. Records contain the required elements and are reviewed periodically by the 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. 7.3</p>	<p>D. Frequency of monitoring:</p> <p>Weekly</p>
<p>B. Description:</p> <p>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>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring:</p> <p>Records of all condensate tank inspections and collection at the San Nicolas Island fueling facility are maintained by the Supply Department, Fuel Branch. Records contain the required elements and are reviewed periodically by the 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>



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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></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 #: 74.9N10 & ATCMs</p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>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>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring:</p> <p>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)(l)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>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. 1</p>	<p>D. Frequency of monitoring: 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>B. Description: Requirement that all existing emergency stationary diesel reciprocating internal combustion engines (RICE) comply with the maintenance requirements of Section 63.6603(a), Table 2d of 40 CFR Part 63, Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutant (NESHAP) for RICE</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: Naval Base Ventura County has developed a maintenance plan to ensure compliance with the maintenance requirements of Section 63.6603(a), Table 2d, of 40 CFR Part 63, Subpart ZZZZ.</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. 2</p>	<p>D. Frequency of monitoring: Routine</p>
<p>B. Description: Requirement that all existing emergency diesel stationary RICE are operated and maintained according to the manufacture's emission-related written instructions or an NBVC plan in a manner which minimizes emissions</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 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>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. 3</p>	<p>D. Frequency of monitoring: Monthly</p>
<p>B. Description: Requirement that 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>C. Method of monitoring: All existing emergency diesel stationary RICE are equipped with a non-resettable hour meter.</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 40CFR63ZZZN3, Condition No. 4</p>	<p>D. Frequency of monitoring:</p> <p style="margin-left: 20px;">Routine</p>
<p>B. Description:</p> <p>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</p> <p>N/A</p>
<p>C. Method of monitoring:</p> <p>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></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. 5(a)</p>	<p>D. Frequency of monitoring:</p> <p style="margin-left: 20px;">Routine</p>
<p>B. Description:</p> <p>Operation of the existing emergency diesel stationary RICE for emergency situations does not have a time limit</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>Any emergency operations of existing stationary RICE are monitored with the equipped non-resettable hour meter and records are maintained that describes the purpose of each engine use.</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. 5(b)</p>	<p>D. Frequency of monitoring:</p> <p style="margin-left: 20px;">N/A</p>
<p>B. Description:</p> <p>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</p> <p>N/A</p>
<p>C. Method of monitoring:</p> <p>None of the existing emergency diesel stationary RICE were 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></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. 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 were 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>

<p>A. Attachment # or Permit Condition #: Attachment 40CFR63ZZZN3, Condition No. 6</p>	<p>D. Frequency of monitoring: Monthly</p>
<p>B. Description: Recordkeeping requirements</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</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>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. 7 and 8 (not applicable)</p>	<p>D. Frequency of monitoring: N/A</p>
<p>B. Description: Contractually obligated to be available for more than 15 hours per year for emergency demand response, 5% or greater voltage or frequency deviation situations, or for non-emergency situations as detailed in Section 63.6640(f)(4)(ii)</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: N/A No contractual obligations for these purposes</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 40CFR63ZZZN3, Condition No. 9</p>	<p>D. Frequency of monitoring:</p> <p>N/A</p>
<p>B. Description:</p> <p>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>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 engines at NBVC were operated in compliance with 40 CFR Part 63, Subpart ZZZZ, NESHAP for RICE during the 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>



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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>Routine</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>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 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>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 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></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 Powerhouse Electricity Generating Station not to exceed 1500 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 powerhouse electricity generating station are maintained by the Environmental Division Air Quality Program. Records are reviewed daily to ensure compliance with the permit limit of 1500 Kilowatts output per hour. Appendix C includes daily generation reports.</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>

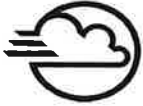


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<p>A. Attachment # or Permit Condition #: Attachment PO01207PC2-rev. 701</p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>Non-Federally enforceable requirement that the sulfur content of all JP-5 deliveries to San Nicolas Island be less than 0.2 percent by weight</p>	<p>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 and the military specification MIL-DTL-5624W. All JP-5 delivered to SNI complies with MIL-DTL-5624W, which requires a maximum allowable sulfur content of 0.2% by weight. Sulfur content analyses of 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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A. Attachment # or Permit Condition #: Attachment PO01207PC4	D. Frequency of monitoring: N/A
B. Description: Conditions associated with alternative operating scenarios	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: No surge condition on or national security emergency was declared during this compliance certification period.	F. Currently in Compliance? (Y or N): <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 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>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</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>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: Routine</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>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</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>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>Annually</p>
<p>B. Description:</p> <p>Prohibition of visible emissions, requirement for routine surveillance and a formal opacity survey</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>Formal survey was conducted of emissions units at the facility. Surveys were completed on 11/6/2024. 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></p> <p>*If yes, attach Deviation Summary Form</p>



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A. Attachment # or Permit Condition #: Attachment 54.B.1	D. Frequency of monitoring: N/A
B. Description: Sulfur compounds from combustion emission units	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Compliance with Rule 54 is demonstrated by compliance with Rule 64.	F. Currently in Compliance? (Y or N): <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 54.B.2</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Sulfur compound concentrations</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 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.</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 57.1</p>	<p>D. Frequency of monitoring: N/A</p>
<p>B. Description: Limit on emissions of particulate matter to 0.12 pounds per MMBTU of fuel input</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>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.</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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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: Periodic</p>
<p>B. Description: 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: Compliance of JP-5 fuel burned at San Nicolas Island is based on fuel analysis of JP-5 deliveries, and the requirements of military specification MIL-DTL-5624W. All JP-5 delivered to SNI comply with MIL-DTL-5624W, which requires a maximum allowable sulfur content of 0.2% by weight. Sulfur content analyses for 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> *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 were 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 SDS 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 were 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: ·Routine</p>
<p>B. Description: Natural gas large water heaters and small boilers, steam generators and process heaters with a rated heat input capacity greater than 75,000 BTU/hr and less than or equal to 1,000,000 BTU/hr</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 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> *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 of operations ensures 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, non-flat, 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: Per Operation</p>
<p>B. Description: 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 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. The VOC records of architectural coatings are kept by EDAQP.</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. 6</p>	<p>D. Frequency of monitoring: Per Operation</p>
<p>B. Description: Requirement for VOC content of architectural coatings, along with other specified physical and chemical properties are measured using the testing procedures in Rule 74.2.G</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 who 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>



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ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 24 (MM/DD/YY) to 12 / 31 / 24 (MM/DD/YY)

<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></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 / 24 (MM/DD/YY) to 12 / 31 / 24 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Attachment 74.27</p>	<p>D. Frequency of monitoring: Per Operation</p>
<p>B. Description: 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 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 / 24 (MM/DD/YY) to 12 / 31 / 24 (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
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Period Covered by Compliance Certification: 01 / 01 / 24 (MM/DD/YY) to 12 / 31 / 24 (MM/DD/YY)

A. Attachment # or Permit Condition #: Attachment 74.29N3	D. Frequency of monitoring
B. Description: Short-term soil decontamination operations	N/A
C. Method of monitoring: No short-term soil decontamination activities occurred at the Naval Base Ventura County San Nicolas Island site during this compliance certification period.	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 / 24 (MM/DD/YY) to 12 / 31 / 24 (MM/DD/YY)

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

Period Covered by Compliance Certification: 01 / 01 / 24 (MM/DD/YY) to 12 / 31 / 24 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: General Part 70 Permit</p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>General Title V Requirements</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>Naval Base Ventura County Environmental Division personnel have conducted regular inspections of permitted sources, retained records as required, and reviewed records for compliance.</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
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ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 24 (MM/DD/YY) to 12 / 31 / 24 (MM/DD/YY)

A. Attachment # or Permit Condition #: General Permit to Operate	D. Frequency of monitoring: Periodic
B. Description: General Permit to Operate conditions	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Routine inspections by Environmental Division Air Quality Program staff ensure that permits are posted and other general permit to operate conditions are complied with.	F. Currently in Compliance? (Y or N): <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 / 24 (MM/DD/YY) to 12 / 31 / 24 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Attachment 40CFRPart 68</p>	<p>D. Frequency of monitoring:</p> <p style="text-align: center;">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 style="text-align: center;">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 / 24 (MM/DD/YY) to 12 / 31 / 24 (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

Benicia Refinery Laboratory

Product: JP-5, Military Jet 5 Fuel
 Tank No: 1778
 Formula: 00075 JET 5
 Product Spec: MIL-DTL-5624W
 Contract No: SPE602-23-D-0484

Authorized

Final Analysis Report Proprietary

Sample ID: 1240205516
 Sample Date: 25-February-2024
 Sample Time: 22:34
 Blend No: 24J- 024

Test	Component	Method of Test	Test Results	UOM
WKMNSHIP	WORKMANSHIP	VISUAL	Bright and Clear	Pass/Fail
C SAY 6045	SAYBOLT COLOR	ASTM D 6045	> 30	Color
SPGR DMA	API GRAVITY 60 DEG F	ASTM D 4052	39.2	API
API DMA DT	API GRAVITY MAX DLTA	CALCULATION	.01	API
DENS 15C	DENSITY	ASTM D 4052	.828	g/mL
NAPHTHA	NAPHTHALENES	ASTM D 1840	6	Vol %
FLS PM DLT	FLASH PM MAX DELTA	Calculation	0	Deg F
FLS PM C	PROCEDURE	ASTM D 93	A	
FLS PM C	FLASH POINT PM C	ASTM D 93	65.0	Deg C
FLS PM C	FLASH POINT PM	ASTM D 93	149	Deg F
MSEP ADDAT	MSEP-A RATING	ASTM D 3948	81	
MSEP NEAT	MSEP-A RATING	ASTM D 3948	97	
WATER RCT	INTERFACE RATING	ASTM D 1094	1B	
FRZ PH	FREEZE POINT	ASTM D 5972	-50	Deg C
DOCTOR	DOCTOR TEST	ASTM D 4952	Negative	
S WT PCT	SULFUR	ASTM D 5453	.01	Wt%
CORR JET	CORROSION 212F 2HOUR	ASTM D 130	1.2	Color scd
AROM HPLC	AROMATICS TOTAL	ASTM D 6379	19.5	Vol %
H CONT7171	HYDROGEN CONTENT	ASTM D 7171	13.7	mass %
HOC EST D86	NET HEAT COMBUSTION	ASTM D 3338	43.0	MJ/kg
JFTOT 275C	TUBE INSPECTION	ASTM D 3241	Normal	
JFTOT 275C	FILTER DELTA P	ASTM D 3241	0	mm Hg
JFTOT 275C	TUBE RATING	ASTM D 3241	< 1	
PC	FILTRATION TIME	ASTM D5452 / 5624W	4	MIN
PC	VACUUM PRESSURE	ASTM D5452 / 5624W	23	IN Hg
PC	PARTICULATES	ASTM D5452 / 5624W	2	mg/L
SMOKE PT	SMOKE POINT	ASTM D 1322	21.0	mm
T ACDTY JT	ACID NUMBER	ASTM D 3242	.006	mg KOH/g
VS K -20C	VISCOSITY	ASTM D 445	6.7	cSt
GUM EXST	EXISTENT GUM CONTENT	ASTM D 381	< 1	mg/100 ml
EST D86	IBP	CALCULATION	177	Deg C
EST D86	T10 REC	CALCULATION	200	Deg C
EST D86	T20 REC	CALCULATION	208	Deg C
EST D86	T50 REC	CALCULATION	224	Deg C
EST D86	T90 REC	CALCULATION	248	Deg C
EST D86	FBP	CALCULATION	266	Deg C
CI JET EST D86	CETANE INDEX	ASTM D 976	42.5	
ANTI OX JT	QUANTITY	Data Entry	54.30	kb
ANTI OX JT	ANTIOXIDANT	Data Entry	7.0	lb/kb
CORR INHIBIT	LAB BLND CONC	Report	20	mg/L

Tests conducted according to ASTM Standard Test Methods are routinely verified to be in compliance with the latest published versions. Minor changes may be made where they have no material impact on the test results and are necessitated by reasons such as safety, environmental standards, and method effectiveness. The following test results were obtained on a sample taken from the tank prior to shipment. To the best of my knowledge this product meets the requirements of ASTM D 1685 latest revision for Jet A.

(A) Automatic Instrument

Reviewed by: W. Williams for Gerónimo Luperón Approved by: _____

LAB Manager

Fuels Coordinator

Benicia Refinery Laboratory

Product: JP-5, Military Jet 5 Fuel
 Tank No: 1779
 Formula: 00075 JET 5
 Product Spec: MIL-DTL-5624W
 Contract No: SPE602-23-D-0494

Authorized

Final Analysis Report Proprietary

Sample ID: 1240300663
 Sample Date: 04-March-2024
 Sample Time: 4:34
 Blend No: 24J-026

Test	Component	Method of Test	Test Results	UOM
WKMANSHIP	WORKMANSHIP	VISUAL	Bright and Clear	Pass/Fail
C SAY 6045	SAYBOLT COLOR	ASTM D 6045	> 30	Color
SPGR DMA	API GRAVITY 60 DEG F	ASTM D 4052	39.0	API
API DMA DT	API GRAVITY MAX DLTA	CALCULATION	.00	API
DENS 15C	DENSITY	ASTM D 4052	829	g/mL
NAPHTHA	NAPHTHALENES	ASTM D 1840	.5	Vol %
FLS PM DLT	FLASH PM MAX DELTA	Calculation	2.0	Deg F
FLS PM C	PROCEDURE	ASTM D 93	A	
FLS PM C	FLASH POINT PM C	ASTM D 93	66.0	Deg C
FLS PM C	FLASH POINT PM	ASTM D 93	151	Deg F
MSEP ADDAT	MSEP-A RATING	ASTM D 3948	86	
MSEP NEAT	MSEP-A RATING	ASTM D 3948	97	
WATER RCT	INTERFACE RATING	ASTM D 1094	1B	
FRZ PH	FREEZE POINT	ASTM D 5972	-51	Deg C
DOCTOR	DOCTOR TEST	ASTM D 4852	Negative	
S WT PCT	SULFUR	ASTM D 5453	01	Wt%
CORR JET	CORROSION 212F 2HOUR	ASTM D 130	1.2	Color scl
AROM HPLC	AROMATICS TOTAL	ASTM D 6379	19.0	Vol %
H CONT7171	HYDROGEN CONTENT	ASTM D 7171	13.8	mass %
HOC EST D86	NET HEAT COMBUSTION	ASTM D 3338	43.0	MJ/kg
JFTOT 275C	TUBE INSPECTION	ASTM D 3241	Normal	
JFTOT 275C	FILTER DELTA P	ASTM D 3241	0	mm Hg
JFTOT 275C	TUBE RATING	ASTM D 3241	< 1	
PC	FILTRATION TIME	ASTM D5452 / 5624W	4	MIN
PC	VACUUM PRESSURE	ASTM D5452 / 5624W	24	IN Hg
PC	PARTICULATES	ASTM D5452 / 5624W	2	mg/L
SMOKE PT	SMOKE POINT	ASTM D 1322	20.0	mm
T ACPTY JT	ACID NUMBER	ASTM D 3242	.006	mg KOH/g
VS K -20C	VISCOSITY	ASTM D 445	6.7	cSt
GUM EXST	EXISTENT GUM CONTENT	ASTM D 381	< 1	mg/100 ml
EST D86	IBP	CALCULATION	181	Deg C
EST D86	T10 REC	CALCULATION	200	Deg C
EST D86	T20 REC	CALCULATION	208	Deg C
EST D86	T50 REC	CALCULATION	222	Deg C
EST D86	T90 REC	CALCULATION	247	Deg C
EST D86	FBP	CALCULATION	268	Deg C
CI JET EST D86	CETANE INDEX	ASTM D 976	41.4	
ANTI OX JT	QUANTITY	Data Entry	54.32	kb
ANTI OX JT	ANTIOXIDANT	Data Entry	6.9	lb/kb
CORR INHIBIT	LAB BLND CONC	Report	20	mg/L

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

(A) Automatic Instrument

Reviewed by: *[Signature]* Williams for G. Lupercio
 LAB Manager

Approved by:

Fuels Coordinator

Benicia Refinery Laboratory
Product: JP-5, Military Jet 5 Fuel
Tank No: 1773
Formula: 00075 JET 5
Product Spec: MIL-DTL-5624W
Contract No: SPE602-23-D-0484

Authorized

Final Analysis Report Proprietary
Sample ID: 1240301432
Sample Date: 09-March-2024
Sample Time: 13:07
Blend No: 24J- 027

Test	Component	Method of Test	Test Results	UOM
WKMNSHIP	WORKMANSHIP	VISUAL	Bright and Clear	Pass/Fail
C SAY 6045	SAYBOLT COLOR	ASTM D 6045	> 30	Color
SPGR DMA	API GRAVITY 60 DEG F	ASTM D 4052	38.9	API
API DMA DT	API GRAVITY MAX DLTA	CALCULATION	.02	API
DENS 15C	DENSITY	ASTM D 4052	.830	g/mL
NAPHTHA	NAPHTHALENES	ASTM D 1840	.4	Vol %
FLS PM DLT	FLASH PM MAX DELTA	Calculation	2.0	Deg F
FLS PM C	PROCEDURE	ASTM D 93	A	
FLS PM C	FLASH POINT PM C	ASTM D 93	66.0	Deg C
FLS PM C	FLASH POINT PM	ASTM D 93	151	Deg F
MSEP ADDAT	MSEP-A RATING	ASTM D 3948	88	
MSEP NEAT	MSEP-A RATING	ASTM D 3948	98	
WATER RCT	INTERFACE RATING	ASTM D 1094	1B	
FRZ PH	FREEZE POINT	ASTM D 5972	-53	Deg C
DOCTOR	DOCTOR TEST	ASTM D 4952	Negative	
S WT PCT	SULFUR	ASTM D 5453	.00	Wt%
CORR JET	CORROSION 212F 2HOUR	ASTM D 130	1.2	Color scd
AROM HPLC	AROMATICS TOTAL	ASTM D 6379	19.0	Vol %
H CONT7171	HYDROGEN CONTENT	ASTM D 7171	13.6	mass %
HOC EST D86	NET HEAT COMBUSTION	ASTM D 3338	43.0	MJ/kg
JFTOT 275C	TUBE INSPECTION	ASTM D 3241	Normal	
JFTOT 275C	FILTER DELTA P	ASTM D 3241	0	mm Hg
JFTOT 275C	TUBE RATING	ASTM D 3241	< 1	
PC	FILTRATION TIME	ASTM D5452 / 5624W	4	MIN
PC	VACUUM PRESSURE	ASTM D5452 / 5624W	24	IN Hg
PC	PARTICULATES	ASTM D5452 / 5624W	.0	mg/L
SMOKE PT	SMOKE POINT	ASTM D 1322	19.0	mm
T ACDTY JT	ACID NUMBER	ASTM D 3242	.007	mg KOH/g
VS K -20C	VISCOSITY	ASTM D 445	6.5	cSt
GUM EXST	EXISTENT GUM CONTENT	ASTM D 381	< 1	mg/100 ml
EST D86	IBP	CALCULATION	181	Deg C
EST D86	T10 REC	CALCULATION	201	Deg C
EST D86	T20 REC	CALCULATION	208	Deg C
EST D86	T50 REC	CALCULATION	221	Deg C
EST D86	T90 REC	CALCULATION	245	Deg C
EST D86	FBP	CALCULATION	268	Deg C
CI JET EST D86	CETANE INDEX	ASTM D 976	40.9	
ANTI OX JT	QUANTITY	Data Entry	23.85	kb
ANTI OX JT	ANTIOXIDANT	Data Entry	7.1	lb/kb
CORR INHIBIT	LAB BLND CONC	Report	20	mg/L

Tests conducted according to ASTM Standard Test Methods are routinely verified to be in compliance with the latest published versions. Minor changes may be made where they have no material impact on the test results and are necessitated by reasons such as safety, environmental standards, and method effectiveness. The following test results were obtained on a sample taken from the tank prior to shipment. To the best of my knowledge this product meets the requirements of ASTM D 1555 latest revision for Jet A

(A) Automatic Instrument

Reviewed by: William Williams for G. Lupercio
 LAB Manager

Approved by: _____

Fuels Coordinator

Benicia Refinery Laboratory

Product: JP-5, Military Jet 5 Fuel
 Tank No: 1779
 Formula: 00075 JET 5
 Product Spec: MIL-DTL-5624W
 Contract No: SPE602-23-D-0494

Authorized

Final Analysis Report Proprietary

Sample ID: 1240302475
 Sample Date: 17-March-2024
 Sample Time: 16:30
 Blend No: 24J- 030

Test	Component	Method of Test	Test Results	UOM
WKMNSHIP	WORKMANSHIP	VISUAL	Bright and Clear	Pass/Fail
C SAY 6045	SAYBOLT COLOR	ASTM D 6045	30	Color
SPGR DMA	API GRAVITY 60 DEG F	ASTM D 4052	39.0	API
API DMA DT	API GRAVITY MAX DLTA	CALCULATION	.01	API
DENS 15C	DENSITY	ASTM D 4052	.829	g/mL
NAPHTHA	NAPHTHALENES	ASTM D 1840	.2	Vol %
FLS PM DLT	FLASH PM MAX DELTA	Calculation	.0	Deg F
FLS PM C	PROCEDURE	ASTM D 93	A	
FLS PM C	FLASH POINT PM C	ASTM D 93	65.0	Deg C
FLS PM C	FLASH POINT PM	ASTM D 93	149	Deg F
MSEP ADDAT	MSEP-A RATING	ASTM D 3948	95	
MSEP NEAT	MSEP-A RATING	ASTM D 3948	98	
WATER RCT	INTERFACE RATING	ASTM D 1094	1B	
FRZ PH	FREEZE POINT	ASTM D 5972	-56	Deg C
DOCTOR	DOCTOR TEST	ASTM D 4952	Negative	
S WT PCT	SULFUR	ASTM D 5453	.00	Wt%
CORR JET	CORROSION 212F 2HOUR	ASTM D 130	1.2	Color scl
AROM HPLC	AROMATICS TOTAL	ASTM D 6379	18.1	Vol %
H CONT7171	HYDROGEN CONTENT	ASTM D 7171	13.6	mass %
HOC EST D86	NET HEAT COMBUSTION	ASTM D 3338	43.0	MJ/kg
JFTOT 275C	TUBE INSPECTION	ASTM D 3241	Normal	
JFTOT 275C	FILTER DELTA P	ASTM D 3241	0	mm Hg
JFTOT 275C	TUBE RATING	ASTM D 3241	< 1	
PC	FILTRATION TIME	ASTM D5452 / 5624W	4	MIN
PC	VACUUM PRESSURE	ASTM D5452 / 5624W	24	IN Hg
PC	PARTICULATES	ASTM D5452 / 5624W	.3	mg/L
SMOKE PT	SMOKE POINT	ASTM D 1322	19.0	mm
T ACDTY JT	ACID NUMBER	ASTM D 3242	.007	mg KOH/g
VS K -20C	VISCOSITY	ASTM D 445	6.1	cSt
GUM EXST	EXISTENT GUM CONTENT	ASTM D 381	< 1	mg/100 ml
EST D86	IBP	CALCULATION	180	Deg C
EST D86	T10 REC	CALCULATION	198	Deg C
EST D86	T20 REC	CALCULATION	205	Deg C
EST D86	T50 REC	CALCULATION	216	Deg C
EST D86	T90 REC	CALCULATION	237	Deg C
EST D86	FBP	CALCULATION	255	Deg C
CI JET EST D86	CETANE INDEX	ASTM D 976	39.3	
ANTI OX JT	QUANTITY	Data Entry	27.06	kb
ANTI OX JT	ANTIOXIDANT	Data Entry	6.7	lb/kb
CORR INHIBIT	LAB BLND CONC	Report	20	mg/L

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

(A) Automatic Instrument

Reviewed by: W. Williams for G. Lupericio
 LAB Manager

Approved by: _____
 Fuels Coordinator

Benicia Refinery Laboratory

Product: JP-5, Military Jet 5 Fuel
 Tank No: 1773
 Formula: 00075 JET 5
 Product Spec: MIL-DTL-5624W
 Contract No: SPE602-23-D-0494

Authorized

Final Analysis Report Proprietary

Sample ID: 1240302964
 Sample Date: 21-March-2024
 Sample Time: 0:30
 Blend No: 24J- 032

Test	Component	Method of Test	Test Results	UOM
WKMNSHIP	WORKMANSHIP	VISUAL	Bright and Clear	Pass/Fail
C SAY 6045	SAYBOLT COLOR	ASTM D 6045	> 30	Color
SPGR DMA	API GRAVITY 60 DEG F	ASTM D 4052	39.4	API
API DMA DT	API GRAVITY MAX DLTA	CALCULATION	.01	API
DENS 15C	DENSITY	ASTM D 4052	.828	g/mL
NAPHTHA	NAPHTHALENES	ASTM D 1840	.1	Vol %
FLS PM DLT	FLASH PM MAX DELTA	Calculation	4.0	Deg F
FLS PM C	PROCEDURE	ASTM D 93	A	
FLS PM C	FLASH POINT PM C	ASTM D 93	65.0	Deg C
FLS PM C	FLASH POINT PM	ASTM D 93	149	Deg F
MSEP ADDAT	MSEP-A RATING	ASTM D 3948	88	
MSEP NEAT	MSEP-A RATING	ASTM D 3948	99	
WATER RCT	INTERFACE RATING	ASTM D 1094	1B	
FRZ PH	FREEZE POINT	ASTM D 5972	-58	Deg C
DOCTOR	DOCTOR TEST	ASTM D 4952	Negative	
S WT PCT	SULFUR	ASTM D 5453	00	WT%
CORR JET	CORROSION 212F 2HOUR	ASTM D 130	1.1	Color scl
AROM HPLC	AROMATICS TOTAL	ASTM D 6379	17.6	Vol %
H CONT7171	HYDROGEN CONTENT	ASTM D 7171	13.8	mass %
HOC EST D86	NET HEAT COMBUSTION	ASTM D 3338	43.0	MJ/kg
JFTOT 275C	TUBE INSPECTION	ASTM D 3241	Normal	
JFTOT 275C	FILTER DELTA P	ASTM D 3241	0	mm Hg
JFTOT 275C	TUBE RATING	ASTM D 3241	< 1	
PC	FILTRATION TIME	ASTM D5452 / 5624W	3	MIN
PC	VACUUM PRESSURE	ASTM D5452 / 5624W	24	IN Hg
PC	PARTICULATES	ASTM D5452 / 5624W	.1	mg/L
SMOKE PT	SMOKE POINT	ASTM D 1322	20.0	mm
T ACDTY JT	ACID NUMBER	ASTM D 3242	.007	mg KOH/g
VS K -20C	VISCOSITY	ASTM D 445	5.9	cSt
GUM EXST	EXISTENT GUM CONTENT	ASTM D 381	< 1	mg/100 ml
EST D86	IBP	CALCULATION	180	Deg C
EST D86	T10 REC	CALCULATION	197	Deg C
EST D86	T20 REC	CALCULATION	202	Deg C
EST D86	T50 REC	CALCULATION	213	Deg C
EST D86	T90 REC	CALCULATION	233	Deg C
EST D86	FBP	CALCULATION	249	Deg C
CI JET EST D86	CETANE INDEX	ASTM D 976	38.8	
ANTI OX JT	QUANTITY	Data Entry	19.25	kb
ANTI OX JT	ANTIOXIDANT	Data Entry	6.9	lb/kb
CORR INHIBIT	LAB BLND CONC	Report	20	mg/L

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

(A) Automatic Instrument

Reviewed by William Williams for G. Lupercio

LAB Manager

Approved by:

Fuels Coordinator

Benicia Refinery Laboratory

Product: JP-5, Military Jet 5 Fuel
 Tank No: 1778
 Formula: 00075 JET 5
 Product Spec: MIL-DTL-5624W
 Contract No: SPE602-23-D-0494

Authorized

Final Analysis Report Proprietary

Sample ID: 1240303445
 Sample Date: 24-March-2024
 Sample Time: 13:38
 Blend No: 24J- 033

Test	Component	Method of Test	Test Results	UOM
WKMNSHIP	WORKMANSHIP	VISUAL	Bright and Clear	Pass/Fail
C SAY 6045	SAYBOLT COLOR	ASTM D 6045	> 30	Color
SPGR DMA	API GRAVITY 60 DEG F	ASTM D 4052	39.0	API
API DMA DT	API GRAVITY MAX DLTA	CALCULATION	.01	API
DENS 15C	DENSITY	ASTM D 4052	.829	g/mL
NAPHTHA	NAPHTHALENES	ASTM D 1840	.2	Vol %
FLS PM DLT	FLASH PM MAX DELTA	Calculation	2.0	Deg F
FLS PM C	PROCEDURE	ASTM D 93	A	
FLS PM C	FLASH POINT PM C	ASTM D 93	66.0	Deg C
FLS PM C	FLASH POINT PM	ASTM D 93	151	Deg F
MSEP ADDAT	MSEP-A RATING	ASTM D 3948	88	
MSEP NEAT	MSEP-A RATING	ASTM D 3948	100	
WATER RCT	INTERFACE RATING	ASTM D 1094	1B	
FRZ PH	FREEZE POINT	ASTM D 5972	-58	Deg C
DOCTOR	DOCTOR TEST	ASTM D 4952	Negative	
S WT PCT	SULFUR	ASTM D 5453	.00	Wt%
CORR JET	CORROSION 212F 2HOUR	ASTM D 130	1.2	Color sd
AROM HPLC	AROMATICS TOTAL	ASTM D 6379	20.3	Vol %
H CONT7171	HYDROGEN CONTENT	ASTM D 7171	13.7	mass %
HQC EST D86	NET HEAT COMBUSTION	ASTM D 3338	43.0	MJ/kg
JFTOT 275C	TUBE INSPECTION	ASTM D 3241	Normal	
JFTOT 275C	FILTER DELTA P	ASTM D 3241	0	mm Hg
JFTOT 275C	TUBE RATING	ASTM D 3241	< 1	
PC	FILTRATION TIME	ASTM D5452 / 5624W	3	MIN
PC	VACUUM PRESSURE	ASTM D5452 / 5624W	23	IN Hg
PC	PARTICULATES	ASTM D5452 / 5624W	.1	mg/L
SMOKE PT	SMOKE POINT	ASTM D 1322	19.0	mm
T ACDTY JT	ACID NUMBER	ASTM D 3242	.004	mg KOH/g
VS K -20C	VISCOSITY	ASTM D 445	5.8	cSt
GUM EXST	EXISTENT GUM CONTENT	ASTM D 381	< 1	mg/100 ml
EST D86	IBP	CALCULATION	182	Deg C
EST D86	T10 REC	CALCULATION	199	Deg C
EST D86	T20 REC	CALCULATION	204	Deg C
EST D86	T50 REC	CALCULATION	215	Deg C
EST D86	T90 REC	CALCULATION	235	Deg C
EST D86	FBP	CALCULATION	254	Deg C
CI JET EST D86	CETANE INDEX	ASTM D 976	38.9	
ANTI OX JT	QUANTITY	Data Entry	32.12	kb
ANTI OX JT	ANTIOXIDANT	Data Entry	6.8	lb/kb
CORR INHIBIT	LAB BLND CONC	Report	20	mg/L

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(A) Automatic Instrument

Reviewed by: J. Williams for G. Lupercio
 LAB Manager

Approved by: _____
 Fuels Coordinator

Benicia Refinery Laboratory
 Product: JP-5, Military Jet 5 Fuel
 Tank No: 1779
 Formula: 00075 JET 5
 Product Spec: MIL-DTL-5624W
 Contract No: SPE602-23-D-0494

Authorized

Final Analysis Report Proprietary

Sample ID: 1240500080
 Sample Date: 04-May-2024
 Sample Time: 16:30
 Blend No: 24J- 047

Test	Component	Method of Test	Test Results	UOM
WORKMANSHIP	WORKMANSHIP	VISUAL	Bright and Clear	Pass/Fail
C SAY 6045	SAYBOLT COLOR	ASTM D 6045	> 30	Color
SPGR DMA	API GRAVITY 60 DEG F	ASTM D 4052	38.7	API
API DMA DT	API GRAVITY MAX DLTA	CALCULATION	.01	API
DENS 15C	DENSITY	ASTM D 4052	.831	g/mL
NAPHTHA	NAPHTHALENES	ASTM D 1840	.6	Vol %
FLS PM DLT	FLASH PM MAX DELTA	Calculation	.0	Deg F
FLS PM C	PROCEDURE	ASTM D 93	A	
FLS PM C	FLASH POINT PM C	ASTM D 93	65.0	Deg C
FLS PM C	FLASH POINT PM	ASTM D 93	149	Deg F
MSEP ADDAT	MSEP-A RATING	ASTM D 3948	83	
MSEP NEAT	MSEP-A RATING	ASTM D 3948	100	
WATER RCT	INTERFACE RATING	ASTM D 1094	1B	
FRZ PH	FREEZE POINT	ASTM D 5972	-53	Deg C
DOCTOR	DOCTOR TEST	ASTM D 4952	Negative	
S WT PCT	SULFUR	ASTM D 5453	.01	Wt%
CORR JET	CORROSION 212F 2HOUR	ASTM D 130	1.2	Color scd
AROM HPLC	AROMATICS TOTAL	ASTM D 6379	20.4	Vol %
H CONT7171	HYDROGEN CONTENT	ASTM D 7171	13.4	mass %
HOC EST D86	NET HEAT COMBUSTION	ASTM D 3338	43.0	MJ/kg
JFTOT 275C	TUBE INSPECTION	ASTM D 3241	Normal	
JFTOT 275C	FILTER DELTA P	ASTM D 3241	0	mm Hq
JFTOT 275C	TUBE RATING	ASTM D 3241	< 1	
PC	FILTRATION TIME	ASTM D5452 / 5624W	4	MIN
PC	VACUUM PRESSURE	ASTM D5452 / 5624W	24	IN Hq
PC	PARTICULATES	ASTM D5452 / 5624W	.1	mg/L
SMOKE PT	SMOKE POINT	ASTM D 1322	19.5	mm
T ACPTY JT	ACID NUMBER	ASTM D 3242	.005	mg KOH/g
VS K -20C	VISCOSITY	ASTM D 445	6.6	cSt
GUM EXST	EXISTENT GUM CONTENT	ASTM D 361	< 1	mg/100 ml
EST D86	IBP	CALCULATION	177	Deg C
EST D86	T10 REC	CALCULATION	201	Deg C
EST D86	T20 REC	CALCULATION	210	Deg C
EST D86	T50 REC	CALCULATION	221	Deg C
EST D86	T90 REC	CALCULATION	238	Deg C
EST D86	FBP	CALCULATION	253	Deg C
CI JET EST D86	CETANE INDEX	ASTM D 976	40.6	
ANTI OX JT	QUANTITY	Data Entry	54.19	kb
ANTI OX JT	ANTIOXIDANT	Data Entry	6.7	lb/kb
CORR INHIBIT	LAB BLND CONC	Report	20	mg/L

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

(A) Automatic Instrument
 Reviewed by G. Williams LAB Manager Approved by: G. Lupercio Fuels Coordinator

Benicia Refinery Laboratory

Product: JP-5, Military Jet 5 Fuel
Tank No: 1773
Formula: 00075 **JET 5**
Product Spec: MIL-DTL-5624W
Contract No: SPE602-23-D-0494
Test

Authorized

Final Analysis Report Proprietary

Sample ID: 1240500161
Sample Date: 07-May-2024
Sample Time: 10:30
Blend No: 24J- 049

Test	Component	Method of Test	Test Results	UOM
WKMNSHIP	WORKMANSHIP	VISUAL	Bright and Clear	Pass/Fail
C SAY 6045	SAYBOLT COLOR	ASTM D 6045	> 30	Color
SPGR DMA	API GRAVITY 60 DEG F	ASTM D 4052	38.9	API
API DMA DT	API GRAVITY MAX DLTA	CALCULATION	.01	API
DENS 15C	DENSITY	ASTM D 4052	.830	g/mL
NAPHTHA	NAPHTHALENES	ASTM D 1840	1.1	Vol %
FLS PM DLT	FLASH PM MAX DELTA	Calculation	4.0	Deg F
FLS PM C	PROCEDURE	ASTM D 93	A	
FLS PM C	FLASH POINT PM C	ASTM D 93	65.0	Deg C
FLS PM C	FLASH POINT PM	ASTM D 93	149	Deg F
MSEP ADDAT	MSEP-A RATING	ASTM D 3948	81	
MSEP NEAT	MSEP-A RATING	ASTM D 3948	97	
WATER RCT	INTERFACE RATING	ASTM D 1094	1B	
FRZ PH	FREEZE POINT	ASTM D 5972	-53	Deg C
DOCTOR	DOCTOR TEST	ASTM D 4952	Negative	
S WT PCT	SULFUR	ASTM D 5453	.01	Wt%
CORR JET	CORROSION 212F 2HOUR	ASTM D 130	1.2	Color scd
AROM HPLC	AROMATICS TOTAL	ASTM D 6379	18.9	Vol %
H CONT7171	HYDROGEN CONTENT	ASTM D 7171	13.5	mass %
HOC EST D86	NET HEAT COMBUSTION	ASTM D 3338	43.0	MJ/kg
JFTOT 275C	TUBE INSPECTION	ASTM D 3241	Normal	
JFTOT 275C	FILTER DELTA P	ASTM D 3241	0	mm Hg
JFTOT 275C	TUBE RATING	ASTM D 3241	< 1	
PC	FILTRATION TIME	ASTM D5452 / 5624W	4	MIN
PC	VACUUM PRESSURE	ASTM D5452 / 5624W	24	IN Hg
PC	PARTICULATES	ASTM D5452 / 5624W	.2	mg/L
SMOKE PT	SMOKE POINT	ASTM D 1322	19.0	mm
T ACDTY JT	ACID NUMBER	ASTM D 3242	.006	mg KOH/g
VS K -20C	VISCOSITY	ASTM D 445	6.5	cSt
GUM EXST	EXISTENT GUM CONTENT	ASTM D 381	< 1	mg/100 ml
EST D86	IBP	CALCULATION	176	Deg C
EST D86	T10 REC	CALCULATION	200	Deg C
EST D86	T20 REC	CALCULATION	209	Deg C
EST D86	T50 REC	CALCULATION	221	Deg C
EST D86	T90 REC	CALCULATION	238	Deg C
EST D86	FBP	CALCULATION	252	Deg C
CI JET EST D86	CETANE INDEX	ASTM D 976	40.9	
ANTI OX JT	QUANTITY	Date Entry	23.69	kb
ANTI OX JT	ANTIOXIDANT	Date Entry	6.9	lb/kb
CORR INHIBIT	LAB BLND CONC	Report	20	mg/L

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

(A) Automatic Instrument

Reviewed by:

William G. Lupercio
 LAB Manager

Approved by:

Fuels Coordinator

Benicia Refinery Laboratory

Product: JP-5, Military Jet 5 Fuel
 Tank No: 1773
 Formula: 00075 **JET 5**
 Product Spec: MIL-DTL-5624W
 Contract No: SPE602-23-D-0494

Authorized

Final Analysis Report Proprietary

Sample ID: 1240500161
 Sample Date: 07-May-2024
 Sample Time: 10:30
 Blend No: 24J- 049

Test	Component	Method of Test	Test Results	UOM
WKMNSHIP	WORKMANSHIP	VISUAL	Bright and Clear	Pass/Fail
C SAY 6045	SAYBOLT COLOR	ASTM D 6045	> 30	Color
SPGR DMA	API GRAVITY 60 DEG F	ASTM D 4052	38.9	API
API DMA DT	API GRAVITY MAX DLTA	CALCULATION	.01	API
DENS 15C	DENSITY	ASTM D 4052	830	g/mL
NAPHTHA	NAPHTHALENES	ASTM D 1840	1.1	Vol %
FLS PM DLT	FLASH PM MAX DELTA	Calculation	4.0	Deg F
FLS PM C	PROCEDURE	ASTM D 93	A	
FLS PM C	FLASH POINT PM C	ASTM D 93	65.0	Deg C
FLS PM C	FLASH POINT PM	ASTM D 93	149	Deg F
MSEP ADDAT	MSEP-A RATING	ASTM D 3948	81	
MSEP NEAT	MSEP-A RATING	ASTM D 3948	97	
WATER RCT	INTERFACE RATING	ASTM D 1094	1B	
FRZ PH	FREEZE POINT	ASTM D 5972	-53	Deg C
DOCTOR	DOCTOR TEST	ASTM D 4952	Negative	
S WT PCT	SULFUR	ASTM D 5453	01	Wt%
CORR JET	CORROSION 212F 2HOUR	ASTM D 130	1.2	Color scd
AROM HPLC	AROMATICS TOTAL	ASTM D 6379	18.9	Vol %
H CONT7171	HYDROGEN CONTENT	ASTM D 7171	13.5	mass %
HOC EST D86	NET HEAT COMBUSTION	ASTM D 3338	43.0	MJ/kg
JFTOT 275C	TUBE INSPECTION	ASTM D 3241	Normal	
JFTOT 275C	FILTER DELTA P	ASTM D 3241	0	mm Hg
JFTOT 275C	TUBE RATING	ASTM D 3241	< 1	
PC	FILTRATION TIME	ASTM D5452 / 5624W	4	MIN
PC	VACUUM PRESSURE	ASTM D5452 / 5624W	24	IN Hg
PC	PARTICULATES	ASTM D5452 / 5624W	.2	mg/L
SMOKE PT	SMOKE POINT	ASTM D 1322	19.0	mm
T ACDTY JT	ACID NUMBER	ASTM D 3242	.006	mg KOH/g
VS K -20C	VISCOSITY	ASTM D 445	6.5	cSt
GUM EXST	EXISTENT GUM CONTENT	ASTM D 381	< 1	mg/100 ml
EST D86	IBP	CALCULATION	176	Deg C
EST D86	T10 REC	CALCULATION	200	Deg C
EST D86	T20 REC	CALCULATION	209	Deg C
EST D86	T50 REC	CALCULATION	221	Deg C
EST D86	T90 REC	CALCULATION	238	Deg C
EST D86	FBP	CALCULATION	252	Deg C
CI JET EST D86	CETANE INDEX	ASTM D 976	40.9	
ANTI OX JT	QUANTITY	Data Entry	23.69	kb
ANTI OX JT	ANTIOXIDANT	Data Entry	6.9	lb/kb
CORR INHIBIT	LAB BLND CONC	Report	20	mg/L

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

(A) Automatic Instrument

Reviewed by: William G. Lupercio Approved by: _____
 LAB Manager Fuels Coordinator

Benicia Refinery Laboratory

Product: JP-5, Military Jet 5 Fuel
Tank No: 1778
Formula: 00075 **JET 5**
Product Spec: MIL-DTL-5624VV
Contract No: SPE602-23-D-0494

Authorized

Final Analysis Report Proprietary

Sample ID: 1240500254
Sample Date: 11-May-2024
Sample Time: 22:30
Blend No: 24J- 05L

Test	Component	Method of Test	Test Results	UOM
WKMNSHIP	WORKMANSHIP	VISUAL	Bright and Clear	Pass/Fail
C SAY 6045	SAYBOLT COLOR	ASTM D 6045	> 30	Color
SPGR DMA	API GRAVITY 60 DEG F	ASTM D 4052	39.4	API
API DMA DT	API GRAVITY MAX DLTA	CALCULATION	.01	API
DENS 15C	DENSITY	ASTM D 4052	.828	g/mL
NAPHTHA	NAPHTHALENES	ASTM D 1840	.7	Vol %
FLS PM DLT	FLASH PM MAX DELTA	Calculation	2.0	Deg F
FLS PM C	PROCEDURE	ASTM D 93	A	
FLS PM C	FLASH POINT PM C	ASTM D 93	67.0	Deg C
FLS PM C	FLASH POINT PM	ASTM D 93	152	Deg F
MSEP ADDAT	MSEP-A RATING	ASTM D 3948	90	
MSEP NEAT	MSEP-A RATING	ASTM D 3948	96	
WATER RCT	INTERFACE RATING	ASTM D 1094	1B	
FRZ PH	FREEZE POINT	ASTM D 5972	-50	Deg C
DOCTOR	DOCTOR TEST	ASTM D 4952	Negative	
S WT PCT	SULFUR	ASTM D 5453	.01	Wt%
CORR JET	CORROSION 212F 2HOUR	ASTM D 130	1.2	Color scl
AROM HPLC	AROMATICS TOTAL	ASTM D 6379	19.7	Vol %
H CONT7171	HYDROGEN CONTENT	ASTM D 7171	13.6	mass %
HOC EST D86	NET HEAT COMBUSTION	ASTM D 3338	43.0	MJ/kg
JFTOT 275C	TUBE INSPECTION	ASTM D 3241	Normal	
JFTOT 275C	FILTER DELTA P	ASTM D 3241	0	mm Hg
JFTOT 275C	TUBE RATING	ASTM D 3241	< 1	
PC	FILTRATION TIME	ASTM D5452 / 5624W	4	MIN
PC	VACUUM PRESSURE	ASTM D5452 / 5624W	23	IN Hg
PC	PARTICULATES	ASTM D5452 / 5624W	.1	mg/L
SMOKE PT	SMOKE POINT	ASTM D 1322	20.0	mm
T ACDTY JT	ACID NUMBER	ASTM D 3242	.005	mg KOH/g
VS K -20C	VISCOSITY	ASTM D 445	6.7	cSt
GUM EXST	EXISTENT GUM CONTENT	ASTM D 381	< 1	mg/100 ml
EST D86	IBP	CALCULATION	180	Deg C
EST D86	T10 REC	CALCULATION	202	Deg C
EST D86	T20 REC	CALCULATION	211	Deg C
EST D86	T50 REC	CALCULATION	223	Deg C
EST D86	T90 REC	CALCULATION	241	Deg C
EST D86	FBP	CALCULATION	257	Deg C
CI JET EST D86	CETANE INDEX	ASTM D 976	42.5	
ANTI OX JT	QUANTITY	Data Entry	64.38	kb
ANTI OX JT	ANTIOXIDANT	Data Entry	6.9	lb/kb
CORR INHIBIT	LAB BLND CONC	Report	20	mg/L

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

(A) Automatic Instrument

Reviewed by: J. Williams for G. Lupercio Approved by: _____
 LAB Manager Fuels Coordinator

Benicia Refinery Laboratory

Product: JP-5, Military Jet 5 Fuel
 Tank No: 1779
 Formula: 00075 **JET 5**
 Product Spec: MIL-DTL-5624W
 Contract No: SPE602-23-D-0494

Authorized

Final Analysis Report Proprietary

Sample ID: 1240500384
 Sample Date: 18-May-2024
 Sample Time: 23:15
 Blend No: 24J- 053

Test	Component	Method of Test	Test Results	UOM
WKMINSHIP	WORKMANSHIP	VISUAL	Bright and Clear	Pass/Fail
C SAY 6045	SAYBOLT COLOR	ASTM D 6045	> 30	Color
SPGR DMA	API GRAVITY 60 DEG F	ASTM D 4052	39.4	API
API DMA DT	API GRAVITY MAX DLTA	CALCULATION	.01	API
DENS 15C	DENSITY	ASTM D 4052	.827	g/mL
NAPHTHA	NAPHTHALENES	ASTM D 1840	.7	Vol %
FLS PM DLT	FLASH PM MAX DELTA	Calculation	4.0	Deg F
FLS PM C	PROCEDURE	ASTM D 93	A	
FLS PM C	FLASH POINT PM C	ASTM D 93	65.0	Deg C
FLS PM C	FLASH POINT PM	ASTM D 93	149	Deg F
MSEP ADDAT	MSEP-A RATING	ASTM D 3948	86	
MSEP NEAT	MSEP-A RATING	ASTM D 3948	98	
WATER RCT	INTERFACE RATING	ASTM D 1094	1B	
FRZ PH	FREEZE POINT	ASTM D 5972	-48	Deg C
DOCTOR	DOCTOR TEST	ASTM D 4952	Negative	
S WT PCT	SULFUR	ASTM D 5453	.01	WT%
CORR JET	CORROSION 212F 2HOUR	ASTM D 130	1.2	Color scl
AROM HPLC	AROMATICS TOTAL	ASTM D 6379	18.6	Vol %
H CONT7171	HYDROGEN CONTENT	ASTM D 7171	13.6	mass %
HOC EST D86	NET HEAT COMBUSTION	ASTM D 3338	43.1	MJ/kg
JFTOT 275C	TUBE INSPECTION	ASTM D 3241	Normal	
JFTOT 275C	FILTER DELTA P	ASTM D 3241	0	mm Hg
JFTOT 275C	TUBE RATING	ASTM D 3241	< 1	
PC	FILTRATION TIME	ASTM D5452 / 5624W	5	MIN
PC	VACUUM PRESSURE	ASTM D5452 / 5624W	24	IN Hg
PC	PARTICULATES	ASTM D5452 / 5624W	.1	mg/L
SMOKE PT	SMOKE POINT	ASTM D 1322	20.0	mm
T ACDTY JT	ACID NUMBER	ASTM D 3242	.004	mg KOH/g
VS K -20C	VISCOSITY	ASTM D 445	6.8	cSt
GUM EXST	EXISTENT GUM CONTENT	ASTM D 381	< 1	mg/100 ml
EST D86	IBP	CALCULATION	178	Deg C
EST D86	T10 REC	CALCULATION	200	Deg C
EST D86	T20 REC	CALCULATION	209	Deg C
EST D86	T50 REC	CALCULATION	223	Deg C
EST D86	T90 REC	CALCULATION	245	Deg C
EST D86	FBP	CALCULATION	261	Deg C
CI JET EST D86	CETANE INDEX	ASTM D 976	42.5	
ANTI OX JT	QUANTITY	Data Entry	54.28	kb
ANTI OX JT	ANTIOXIDANT	Data Entry	6.9	lb/kb
CORR INHIBIT	LAB BLND CONC	Report	20	mg/L

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

(A) Automatic Instrument
 Reviewed by: William Williams for G. Lupercio Approved by: _____
 LAB Manager Fuels Coordinator

Admin By View Only - Energy Receiving Report

[+] Document Information

[+] Line Item Information

[-] Statement of Quality Information

Item No.	0001	Commodity	AVIATION FUELS	Sub-Commodity	JP5	Out of Spec.	N
Test Referenced on Prior Document							
Contract Number	SPE60223D0494	Delivery Order	SPE60224FA51D	Shipment Number	DLA0926	Batch Number	04436
Report Date	2024/09/25	Tank Number	1778/1773	Quantity Shipped from this Tank	1,179,612	Crude Process Tech	HYDROPROCESSING
Test	C	Sample Number	20240905294	Product	JP5		
Comments							

Attachments

Test Code	Test Method Title	Method	Lower Limit	Upper Limit	Units	Result	Out of Spec.	Referral Processed	Additional Notes
010B	Color, Saybolt	D6045	report			30			
020	Appearance	D-4176	Clear and Bright			PASS			Please report as Pass or Fail
220B	Flash point	D93	60		C	65			
231B	API Gravity	D4052	36.0	48.0	API at 60C	38.5			
800	Anti-oxidant					800H			800A - Topanol A, 800B - HITEC 4733, 800C - AN 733, 800D - AO-31, 800E - AO-30, 800F - AO-29, 800G - Nalco EC5208A, 800H - TOLAD 3915, 800I - TOLAD 3920, 800J - TOPANOL AN, 800K - CHIMIC 4327, 800L - AO-37, 800M - BETZ BQ203, 800N - Chemlink No 4650, 800O

												- Petroxlin E219, 800P - Kerobit TP-26, 800Q - Pet411K, 800R - ISONOX 133, 800S - AO-37B, 800T - ISONOX 75, 800U - HITEC 4775, 800V - BETZ 8Q2065, 800W - BHT, 800X - HITEC 4778, 800Y - Octel 37170, 800Z - AO-187
801	Anti-oxidant Injection Point							S				S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal
802	Anti-oxidant concentration				24.0			19.5				
840	Corrosion Inhibitor							840B				see QPL 25017 for approved additives and concentration levels; 840A - PRI-19, 840B - DCI-4A, 840C - DCI-6A, 840D - HITEC 580, 840E - Petrolite NC-351, 840F - NALCO 5403, 840G - TOLAD 3220, 840H - UNICOR J, 840I - IPC-4410, 840J - IPC-4445, 840K - MOBILAD F800, 840L - NALCO 5405, 840M - NUCHEM PCI-105, 840N - TOLAD 249, 840O - WELCHEM 91120, 840P - SPEC-AID 8021, 840Q - RPS-613, 840R - SPEC AID 8Q22, 840S - TOLAD 4410
841	Corrosion Inhibitor Injection Point							I				S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal
842	Corrosion Inhibitor Concentration							16.8				

Test Referenced on Prior Document

Contract Number SPE60223D0494 **Delivery Order** SPE60224FA51D **Shipment Number** DLA0926
Report Date 2024/09/20 **Tank Number** 1778 **Quantity Shipped from this Tank** 312,774 **Batch Number** 04436
Test A **Sample Number** 20240904050 **Product** JP5 **Crude Process Tech** HYDROPROCESSING

Comments

Attachments

Test Code	Test Method Title	Method	Lower Limit	Upper Limit	Units	Result	Out of Spec.	Referral Processed	Additional Notes
010B	Color, Saybolt	D6045	report			30			
020	Appearance	D-4176	Clear and Bright			PASS			Please report as Pass or Fail
100C	Total acid number	D3242		0.015	mg KOH/g	0.010			
110D	Aromatics	D6379		26.5	vol %	18.0			
140	Doctor test	D4952				Negative			Please report as Positive or Negative
150G	Sulfur, total	D5453		0.20	mass %	0.010			
160D	Hydrogen Content	D5291	13.4		mass %	13.6			
201	Initial boiling point		report		C	134			
202	10% recovered			205	C	178			
203	20% recovered		report		C	193			
204	50% recovered		report		C	217			
206	90% recovered		report		C	253			
211	Final boiling point			300	C	273			
220B	Flash point	D93	60		C	66			
230B	Density	D4052	0.788	0.845	kg/L at 15C	0.831			
231B	API Gravity	D4052	36.0	48.0	API at 60C	38.7			
300C	Freezing Point	D5972		-46	C	-59.0			
310	Viscosity at -20C	D445		8.5	mm ² /s	6.10			
400C	Net heat of combustion	D3338	42.6		MJ/kg	43.0			Do not enter in BTUs
420	Smoke point	D1322	18.0		mm	20			
500	Copper strip corrosion @ 100 deg C, 2hrs	D130		No. 1		1B			Please report as one of the following: 1a, 1b, 2a, 2b, 2c, 2d, 2e, 3a, 3b, 4a, 4b, 4c
601	Change in pressure drop	D3241		25	mm Hg	0			

602	Heater tube deposit	D3241	<3	visual rating	<1					Please report as: 0, <1, 1, <2, 2, <3, 3, <4, 4; normal, abnormal, peacock
720B	Particulate matter	D5452	1.0	mg/L	0.1					
730	Filtration time	D5452	15	minutes	4					
750	Microseparometer Rating	D3948			99					Table 1, Footnote 14
800	Anti-oxidant				800H					800A - Topanol A, 800B - HITEC 4733, 800C - AN 733, 800D - AO-31, 800E - AO-30, 800F - AO-29, 800G - Nalco EC5208A, 800H - TOLAD 3915, 800I - TOLAD 3920, 800J - TOPANOL AN, 800K - CHIMIC 4327, 800L - AO-37, 800M - BETZ BQ203, 800N - Chemlink No 4650, 800O - Petroxylin E219, 800P - Kerobit TP-26, 800Q - Pet411K, 800R - ISONOX 133, 800S - AO-37B, 800T - ISONOX 75, 800U - HITEC 4775, 800V - BETZ 8Q2065, 800W - BHT, 800X - HITEC 4778, 800Y - Octel 3770, 800Z - AO-187
801	Anti-oxidant Injection Point				S					S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal
802	Anti-oxidant concentration		24.0	mg/L	19.6					see QPL 25017 for approved additives and concentration levels; 840A - PRI-19, 840B - DCI-4A, 840C - DCI-6A, 840D - HITEC 580, 840E - Petrolite NC-351, 840F - NALCO 5403, 840G - TOLAD 3220, 840H - UNICOR J, 840I - IPC-4410, 840J - IPC-4445, 840K - MOBILAD F800, 840L - NALCO 5405, 840M - NUCHEM PCI-105, 840N - TOLAD 249, 840O - WELCHEM 91120, 840P - SPEC-AID 8021, 840Q - RPS-613, 840R - SPEC AID 8Q22, 840S - TOLAD 4410
840	Corrosion Inhibitor				840B					
841	Corrosion Inhibitor Injection Point				I					S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal
842	Corrosion Inhibitor Concentration			mg/L	16.8					

910A	Calculated cetane index	D976	report			38.2		
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Test Referenced on Prior Document

Contract Number SPE60223D0494 **Delivery Order** SPE60224FA51D **Shipment Number** DLA0926
Report Date 2024/09/15 **Tank Number** 1773 **Quantity Shipped from this Tank** 866,838 **Batch Number** 04436
Test A **Sample Number** 20240903271 **Product** JP5 **Crude Process Tech** HYDROPROCESSING

Comments

Attachments

Test Code	Test Method Title	Method	Lower Limit	Upper Limit	Units	Result	Out of Spec.	Referral Processed	Additional Notes
010B	Color, Saybolt	D6045	report			30			
020	Appearance	D-4176	Clear and Bright			PASS			Please report as Pass or Fail
100C	Total acid number	D3242		0.015	mg KOH/g	0.005			
110D	Aromatics	D6379		26.5	vol %	19.2			
140	Doctor test	D4952				Negative			Please report as Positive or Negative
150G	Sulfur, total	D5453		0.20	mass %	0.010			
160D	Hydrogen Content	D5291	13.4		mass %	13.7			
201	Initial boiling point		report		C	134			
202	10% recovered			205	C	180			
203	20% recovered		report		C	194			
204	50% recovered		report		C	219			
206	90% recovered		report		C	255			
211	Final boiling point			300	C	276			

220B	Flash point	D93	60		C	65			
230B	Density	D4052	0.788	0.845	kg/L at 15C	0.832			
231B	API Gravity	D4052	36.0	48.0	API at 60C	38.5			
300C	Freezing Point	D5972		-46	C	-58.0			
310	Viscosity at -20C	D445		8.5	mm ² /s	6.30			
400C	Net heat of combustion	D3338	42.6		MJ/kg	43.0			Do not enter in BTUs
420	Smoke point	D1322	18.0		mm	19			
500	Copper strip corrosion @ 100 deg C, 2hrs	D130		No. 1		1B			Please report as one of the following: 1a, 1b, 2a, 2b, 2c, 2d, 2e, 3a, 3b, 4a, 4b, 4c
601	Change in pressure drop	D3241		25	mm Hg	0			
602	Heater tube deposit	D3241		<3	visual rating	<1			Please report as: 0, <1, 1, <2, 2, <3, 3, <4, 4; normal, abnormal, peacock
720B	Particulate matter	D5452		1.0	mg/L	0.2			
730	Filtration time	D5452		15	minutes	4			
750	Microseparator Rating	D3948				99			Table 1, Footnote 14
800	Anti-oxidant					800H			800A - Topanol A, 800B - HITEC 4733, 800C - AN 733, 800D - AO-31, 800E - AO-30, 800F - AO-29, 800G - Nalco EC5208A, 800H - TOLAD 3915, 800I - TOLAD 3920, 800J - TOPANOLAN, 800K - CHIMIC 4327, 800L - AO-37, 800M - BETZ BQ203, 800N - Chemlink No 4650, 800O - Petroxylin E219, 800P - Kerobit TP-26, 800Q - Pet411K, 800R - ISONOX 133, 800S - AO-37B, 800T - ISONOX 75, 800U - HITEC 4775, 800V - BETZ 8Q2065, 800W - BHT, 800X - HITEC 4778, 800Y - Octel 37770, 800Z - AO-187
801	Anti-oxidant Injection Point					S			S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal

802	Anti-oxidant concentration		24.0	mg/L	19.4					see QPL 25017 for approved additives and concentration levels; 840A - PRI-19, 840B - DCI-4A, 840C - DCI-6A, 840D - HITEC 580, 840E - Petrolife NC-351, 840F - NALCO 5403, 840G - TOLAD 3220, 840H - UNICOR J, 840I - IPC-4410, 840J - IPC-4445, 840K - MOBILAD F800, 840L - NALCO 5405, 840M - NUCHEM PCI-105, 840N - TOLAD 249, 840O - WELCHEM 91120, 840P - SPEC-AID 8021, 840Q - RPS-613, 840R - SPEC AID 8Q22, 840S - TOLAD 4410
840	Corrosion Inhibitor				840B					S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal
841	Corrosion Inhibitor Injection Point				I					
842	Corrosion Inhibitor Concentration			mg/L	16.8					
910A	Calculated cetane index	D976	report		38.6					

[+] Address Information

[+] Misc Information

[+] Workflow Information

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[+] Document Information

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[+] Statement of Quality Information

Item No.	Commodity	Sub-Commodity	Out of Spec.						
0001	AVIATION FUELS	JP5	N						
Test Referenced on Prior Document									
Contract Number	Delivery Order	Shipment Number							
SPE60223D0494	SPE60224FA51C	DLA0930							
Report Date	Tank Number	Quantity Shipped from this Tank	Batch Number						
2024/09/30	1778/1779	1,176,168	04736						
Test	Sample Number	Product	Crude Process Tech						
C	20240906218	JP5	HYDROPROCESSING						
Comments									
Attachments									
Test Code	Test Method Title	Method	Lower Limit	Upper Limit	Units	Result	Out of Spec.	Referral Processed	Additional Notes
010B	Color, Saybolt	D6045	report			30			
020	Appearance	D-4176	Clear and Bright			PASS			Please report as Pass or Fail
220B	Flash point	D93	60		C	66			
231B	API Gravity	D4052	36.0	48.0	API at 60C	39.6			
800	Anti-oxidant					800H			800A - Topanol A, 800B - HITEC 4733, 800C - AN 733, 800D - AO-31, 800E - AO-30, 800F - AO-29, 800G - Nalco EC5208A, 800H - TOLAD 3915, 800I - TOLAD 3920, 800J - TOPANOL AN, 800K - CHIMIC 4327, 800L - AO-37, 800M - BETZ BQ203, 800N - Chemlink No 4650, 800O

801	Anti-oxidant Injection Point							S				- Petroxylin E219, 800P - Kerobit TP-26, 800Q - Pet411K, 800R - ISONOX 133, 800S - AO-37B, 800T - ISONOX 75, 800U - HITEC 4775, 800V - BETZ 8Q2065, 800W - BHT, 800X - HITEC 4778, 800Y - Octel 3770, 800Z - AO-187 S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal
802	Anti-oxidant concentration		24.0	mg/L		19.8						
840	Corrosion Inhibitor					840B						see QPL 25017 for approved additives and concentration levels; 840A - PRI-19, 840B - DCI-4A, 840C - DCI-6A, 840D - HITEC 580, 840E - Petrolite NC-351, 840F - NALCO 5403, 840G - TOLAD 3220, 840H - UNICOR J, 840I - IPC-4410, 840J - IPC-4445, 840K - MOBILAD F800, 840L - NALCO 5405, 840M - NUCHEM PCI-105, 840N - TOLAD 249, 840O - WELCHEM 91120, 840P - SPEC-AID 8021, 840Q - RPS-613, 840R - SPEC AID 8Q22, 840S - TOLAD 4410
841	Corrosion Inhibitor Injection Point					I						S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal
842	Corrosion Inhibitor Concentration			mg/L		17.3						

Test Referenced on Prior Document

Contract Number	SPE60223D0494	Delivery Order	SPE60224FA51C	Shipment Number	DLA0930
Report Date	2024/10/20	Tank Number	1778	Batch Number	04736
Test	A	Quantity Shipped from this Tank	99,414	Crude Process Tech	HYDROPROCESSING
Comments		Sample Number	20240904050		

Attachments

Test Code	Test Method Title	Method	Lower Limit	Upper Limit	Units	Result	Out of Spec.	Referral Processed	Additional Notes
010B	Color, Saybolt	D6045	report			30			
020	Appearance	D-4176	Clear and Bright			PASS			Please report as Pass or Fail
100C	Total acid number	D3242		0.015	mg KOH/g	0.010			
110D	Aromatics	D6379		26.5	vol %	18.0			
140	Doctor test	D4952				Negative			Please report as Positive or Negative
150G	Sulfur, total	D5453		0.20	mass %	0.010			
160D	Hydrogen Content	D5291	13.4		mass %	13.6			
201	Initial boiling point		report		C	134			
202	10% recovered			205	C	178			
203	20% recovered		report		C	193			
204	50% recovered		report		C	217			
206	90% recovered		report		C	253			
211	Final boiling point			300	C	273			
220B	Flash point	D93	60		C	66			
230B	Density	D4052	0.788	0.845	kg/L at 15C	0.831			
231B	API Gravity	D4052	36.0	48.0	API at 60C	38.7			
300C	Freezing Point	D5972		-46	C	-59.0			
310	Viscosity at -20C	D445		8.5	mm ² /s	6.10			
400C	Net heat of combustion	D3338	42.6		MJ/kg	43.0			Do not enter in BTUs
420	Smoke point	D1322	18.0		mm	20			
500	Copper strip corrosion @ 100 deg C, 2hrs	D130		No. 1		1B			Please report as one of the following: 1a, 1b, 2a, 2b, 2c, 2d, 2e, 3a, 3b, 4a, 4b, 4c
601	Change in pressure drop	D3241		25	mm Hg	0			

602	Heater tube deposit	D3241	<3	visual rating	<1				Please report as: 0, <1, 1, <2, 2, <3, 3, <4, 4; normal, abnormal, peacock
720B	Particulate matter	D5452	1.0	mg/L	0.1				
730	Filtration time	D5452	15	minutes	4				
750	Microseparometer Rating	D3948			99				Table 1, Footnote 14
800	Anti-oxidant				800H				800A - Topanol A, 800B - HITEC 4733, 800C - AN 733, 800D - AO-31, 800E - AO-30, 800F - AO-29, 800G - Nalco EC5208A, 800H - TOLAD 3915, 800I - TOLAD 3920, 800J - TOPANOL AN, 800K - CHIMIC 4327, 800L - AO-37, 800M - BETZ BQ203, 800N - Chemlink No 4650, 800O - Petroxylin E219, 800P - Kerobit TP-26, 800Q - Pet411K, 800R - ISONOX 133, 800S - AO-37B, 800T - ISONOX 75, 800U - HITEC 4775, 800V - BETZ 8Q2065, 800W - BHT, 800X - HITEC 4778, 800Y - Octel 3770, 800Z - AO-187
801	Anti-oxidant Injection Point				S				S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal
802	Anti-oxidant concentration		24.0	mg/L	19.6				
840	Corrosion Inhibitor				840B				see QPL 25017 for approved additives and concentration levels; 840A - PRI-19, 840B - DCI-4A, 840C - DCI-6A, 840D - HITEC 580, 840E - Petrolite NC-351, 840F - NALCO 5403, 840G - TOLAD 3220, 840H - UNICOR J, 840I - IPC-4410, 840J - IPC-4445, 840K - MOBILAD F800, 840L - NALCO 5405, 840M - NUCHEM PCI-105, 840N - TOLAD 249, 840O - WELCHEM 91120, 840P - SPEC-AID 8021, 840Q - RPS-613, 840R - SPEC AID 8Q22, 840S - TOLAD 4410
841	Corrosion Inhibitor Injection Point				I				S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal
842	Corrosion Inhibitor Concentration			mg/L	17.3				

910A	Calculated cetane index	D976	report		38.2		
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Test Referenced on Prior Document

Contract Number SPE60223D0494 **Delivery Order** SPE60224FA51C **Shipment Number** DLA0930
Report Date 2024/09/25 **Tank Number** 1779 **Quantity Shipped from this Tank** 1,076,754 **Batch Number** 04736
Test A **Sample Number** 20240905216 **Product** JP5 **Crude Process Tech** HYDROPROCESSING

Comments

Attachments

Test Code	Test Method Title	Method	Lower Limit	Upper Limit	Units	Result	Out of Spec.	Referral Processed	Additional Notes
010B	Color, Saybolt	D6045	report			30			
020	Appearance	D-4176	Clear and Bright			PASS			Please report as Pass or Fail
100C	Total acid number	D3242		0.015	mg KOH/g	0.005			
110D	Aromatics	D6379		26.5	vol %	17.4			
140	Doctor test	D4952				Negative			Please report as Positive or Negative
150G	Sulfur, total	D5453		0.20	mass %	0.010			
160D	Hydrogen Content	D5291	13.4		mass %	13.8			
201	Initial boiling point		report		C	135			
202	10% recovered			205	C	179			
203	20% recovered		report		C	194			
204	50% recovered		report		C	218			
206	90% recovered		report		C	255			
211	Final boiling point			300	C	278			

220B	Flash point	D93	60	C	66			
230B	Density	D4052	0.788	kg/L at 15C	0.827			
231B	API Gravity	D4052	36.0	API at 60C	39.6			
300C	Freezing Point	D5972		C	-55.0			
310	Viscosity at -20C	D445		mm ² /s	6.10			
400C	Net heat of combustion	D3338	42.6	MJ/kg	43.1			Do not enter in BTUs
420	Smoke point	D1322	18.0	mm	20			
500	Copper strip corrosion @ 100 deg C, 2hrs	D130		No. 1	1B			Please report as one of the following: 1a, 1b, 2a, 2b, 2c, 2d, 2e, 3a, 3b, 4a, 4b, 4c
601	Change in pressure drop	D3241		mm Hg	0			
602	Heater tube deposit	D3241		visual rating	<1			Please report as: 0, <1, 1, <2, 2, <3, 3, <4, 4; normal, abnormal, peacock
720B	Particulate matter	D5452		mg/L	0.2			
730	Filtration time	D5452		minutes	4			
750	Microseparator Rating	D3948			99			Table 1, Footnote 14
800	Anti-oxidant				800H			800A - Topanol A, 800B - HITEC 4733, 800C - AN 733, 800D - AO-31, 800E - AO-30, 800F - AO-29, 800G - Nalco EC5208A, 800H - TOLAD 3915, 800I - TOLAD 3920, 800J - TOPANOLAN, 800K - CHIMIC 4327, 800L - AO-37, 800M - BETZ BQ203, 800N - Chemlink No 4650, 800O - Petroxylin E219, 800P - Kerobit TP-26, 800Q - Pet411K, 800R - ISONOX 133, 800S - AO-37B, 800T - ISONOX 75, 800U - HITEC 4775, 800V - BETZ 8Q2065, 800W - BHT, 800X - HITEC 4778, 800Y - Octel 37770, 800Z - AO-187
801	Anti-oxidant Injection Point				S			S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal

802	Anti-oxidant concentration			24.0	mg/L	19.8			
840	Corrosion Inhibitor			840B				see QPL 25017 for approved additives and concentration levels: 840A - PRI-19, 840B - DCI-4A, 840C - DCI-6A, 840D - HITEC 580, 840E - Petrolite NC-351, 840F - NALCO 5403, 840G - TOLAD 3220, 840H - UNICOR J, 840I - IPC-4410, 840J - IPC-4445, 840K - MOBILAD F800, 840L - NALCO 5405, 840M - NUCHEM PCI-105, 840N - TOLAD 249, 840O - WELCHEM 91120, 840P - SPEC-AID 8021, 840Q - RPS-613, 840R - SPEC-AID 8Q22, 840S - TOLAD 4410	
841	Corrosion Inhibitor Injection Point					I		S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal	
842	Corrosion Inhibitor Concentration				mg/L	17.3			
910A	Calculated cetane index	D976	report			40.2			

[+] Address Information

[+] Misc Information

[+] Workflow Information

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[*] Document Information

[*] Line Item Information

[*] Statement of Quality Information

Item No.	Commodity	Sub-Commodity	Out of Spec.						
0001	AVIATION FUELS	JP5	N						
Test Referenced on Prior Document									
Contract Number	Delivery Order	Shipment Number	Batch Number						
SPE60223D0494	SPE60224FA51W	DLA1007	04737						
Report Date	Tank Number	Quantity Shipped from this Tank	Crude Process Tech						
2024/10/07	1779/1778	1,179,108	HYDROPROCESSING						
Test	Sample Number	Product							
C	2024100141	JP5							
Comments									
Attachments									
Test Code	Test Method Title	Method	Lower Limit	Upper Limit	Units	Result	Out of Spec.	Referral Processed	Additional Notes
010B	Color, Saybolt	D6045	report			30			
020	Appearance	D-4176	Clear and Bright			PASS			Please report as Pass or Fail
220B	Flash point	D93	60		C	66			
231B	API Gravity	D4052	36.0	48.0	API at 60C	39.6			
800	Anti-oxidant					800H			800A - Topanol A, 800B - HITEC 4733, 800C - AN 733, 800D - AO-31, 800E - AO-30, 800F - AO-29, 800G - Nalco EC5208A, 800H - TOLAD 3915, 800I - TOLAD 3920, 800J - TOPANOL AN, 800K - CHIMIC 4327, 800L - AO-37, 800M - BETZ BQ203, 800N - Chemlink No 4650, 800O

Test Code	Test Method Title	Method	Lower Limit	Upper Limit	Units	Result	Out of Spec.	Referral Processed	Additional Notes
010B	Color, Saybolt	D6045	report			30			
020	Appearance	D-4176	Clear and Bright			PASS			Please report as Pass or Fail
100C	Total acid number	D3242		0.015	mg KOH/g	0.005			
110D	Aromatics	D6379		26.5	vol %	17.4			
140	Doctor test	D4952				Negative			Please report as Positive or Negative
150G	Sulfur, total	D5453		0.20	mass %	0.010			
160D	Hydrogen Content	D5291	13.4		mass %	13.8			
201	Initial boiling point		report		C	135			
202	10% recovered			205	C	179			
203	20% recovered		report		C	194			
204	50% recovered		report		C	218			
206	90% recovered		report		C	255			
211	Final boiling point			300	C	278			
220B	Flash point	D93	60		C	66			
230B	Density	D4052	0.788	0.845	kg/L at 15C	0.827			
231B	API Gravity	D4052	36.0	48.0	API at 60C	39.6			
300C	Freezing Point	D5972		-46	C	-55.0			
310	Viscosity at -20C	D445		8.5	mm ² /s	6.10			
400C	Net heat of combustion	D3338	42.6		MJ/kg	43.1			Do not enter in BTUs
420	Smoke point	D1322	18.0		mm	20			
500	Copper strip corrosion @ 100 deg C, 2hrs	D130		No. 1		1B			Please report as one of the following: 1a, 1b, 2a, 2b, 2c, 2d, 2e, 3a, 3b, 4a, 4b, 4c
601	Change in pressure drop	D3241		25	mm Hg	0			

602	Heater tube deposit	D3241	<3	visual rating	<1					Please report as: 0, <1, 1, <2, 2, <3, <4, 4; normal, abnormal, peacock
720B	Particulate matter	D5452	1.0	mg/L	0.2					
730	Filtration time	D5452	15	minutes	4					
750	Microseparometer Rating	D3948			99					Table 1, Footnote 14
800	Anti-oxidant				800H					800A - Topanol A, 800B - HITEC 4733, 800C - AN 733, 800D - AO-31, 800E - AO-30, 800F - AO-29, 800G - Nalco EC5208A, 800H - TOLAD 3915, 800I - TOLAD 3920, 800J - TOPANOL AN, 800K - CHIMIC 4327, 800L - AO-37, 800M - BETZ BQ203, 800N - Chemlink No 4650, 800O - Petroxylin E219, 800P - Kerobit TP-26, 800Q - Pet411K, 800R - ISONOX 133, 800S - AO-37B, 800T - ISONOX 75, 800U - HITEC 4775, 800V - BETZ 8Q2065, 800W - BHT, 800X - HITEC 4778, 800Y - Octel 3770, 800Z - AO-187
801	Anti-oxidant Injection Point				S					S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal
802	Anti-oxidant concentration		24.0	mg/L	19.8					see QPL 25017 for approved additives and concentration levels; 840A - PRI-19, 840B - DCI-4A, 840C - DCI-6A, 840D - HITEC 580, 840E - Petrolite NC-351, 840F - NALCO 5403, 840G - TOLAD 3220, 840H - UNICOR J, 840I - IPC-4410, 840J - IPC-4445, 840K - MOBILAD F800, 840L - NALCO 5405, 840M - NUCHEM PCI-105, 840N - TOLAD 249, 840O - WELCHEM 91120, 840P - SPEC-AID 8021, 840Q - RPS-613, 840R - SPEC AID 8Q22, 840S - TOLAD 4410
840	Corrosion Inhibitor				840B					
841	Corrosion Inhibitor Injection Point				I					S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal
842	Corrosion Inhibitor Concentration			mg/L	16.9					

910A	Calculated cetane index	D976	report			40.2		
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Test Referenced on Prior Document

Contract Number SPE60223D0494 **Delivery Order** SPE60224FA51W **Shipment Number** DLA1007
Report Date 2024/09/29 **Tank Number** 1778 **Quantity Shipped from this Tank** 165,858 **Batch Number** 04737
Test A **Sample Number** 20240905858 **Product** JP5 **Crude Process Tech** HYDROPROCESSING

Comments

Attachments

Test Code	Test Method Title	Method	Lower Limit	Upper Limit	Units	Result	Out of Spec.	Referral Processed	Additional Notes
010B	Color, Saybolt	D6045	report			30			
020	Appearance	D-4176	Clear and Bright			PASS			Please report as Pass or Fail
100C	Total acid number	D3242		0.015	mg KOH/g	0.000			
110D	Aromatics	D6379		26.5	vol %	16.7			
140	Doctor test	D4952				Negative			Please report as Positive or Negative
150G	Sulfur, total	D5453		0.20	mass %	0.010			
160D	Hydrogen Content	D5291	13.4		mass %	13.7			
201	Initial boiling point		report		C	134			
202	10% recovered			205	C	179			
203	20% recovered		report		C	195			
204	50% recovered		report		C	221			
206	90% recovered		report		C	261			
211	Final boiling point			300	C	286			

220B	Flash point	D93	60	C	65			
230B	Density	D4052	0.788	kg/L at 15C	0.824			
231B	API Gravity	D4052	36.0	API at 60C	40.2			
300C	Freezing Point	D5972		C	-51.0			
310	Viscosity at -20C	D445		mm ² /s	6.40			
400C	Net heat of combustion	D3338	42.6	MJ/kg	43.1			Do not enter in BTUs
420	Smoke point	D1322	18.0	mm	21			
500	Copper strip corrosion @ 100 deg C, 2hrs	D130	No. 1		1A			Please report as one of the following: 1a, 1b, 2a, 2b, 2c, 2d, 2e, 3a, 3b, 4a, 4b, 4c
601	Change in pressure drop	D3241	25	mm Hg	0			
602	Heater tube deposit	D3241	<3	visual rating	<1			Please report as: 0, <1, 1, <2, 2, <3, 3, <4, 4; normal, abnormal, peacock
720B	Particulate matter	D5452	1.0	mg/L	0.1			
730	Filtration time	D5452	15	minutes	4			
750	Microseparator Rating	D3948			98			Table 1, Footnote 14
800	Anti-oxidant				800H			800A - Topanol A, 800B - HITEC 4733, 800C - AN 733, 800D - AO-31, 800E - AO-30, 800F - AO-29, 800G - Nalco EC5208A, 800H - TOLAD 3915, 800I - TOLAD 3920, 800J - TOPANOLAN, 800K - CHIMIC 4327, 800L - AO-37, 800M - BETZ BQ203, 800N - Chemlink No.4650, 800O - Petroxylin E219, 800P - Kerobit TP-26, 800Q - Pet411K, 800R - ISONOX 133, 800S - AO-37B, 800T - ISONOX 75, 800U - HITEC 4775, 800V - BETZ 8Q2065, 800W - BHT, 800X - HITEC 4778, 800Y - Octel 37170, 800Z - AO-187
801	Anti-oxidant Injection Point				S			S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal

Admin By View Only - Energy Receiving Report

[+] Document Information

[+] Line Item Information

[+] Statement of Quality Information

Item No.	Commodity	Sub-Commodity	Out of Spec.						
0001	AVIATION FUELS	JP5	N						
Test Referenced on Prior Document									
Contract Number	Delivery Order	Shipment Number	Batch Number						
SPE60223D0494	SPE60224FA52R	DLA1010	04438						
Report Date	Tank Number	Quantity Shipped from this Tank	Crude Process Tech						
2024/10/10	1778/1773	1,175,538	HYDROPROCESSING						
Test	Sample Number	Product							
C	20241002077	JP5							
Comments									
Attachments									
Test Code	Test Method Title	Method	Lower Limit	Upper Limit	Units	Result	Out of Spec.	Referral Processed	Additional Notes
010B	Color, Saybolt	D6045	report			26			
020	Appearance	D-4176	Clear and Bright			PASS			Please report as Pass or Fail
220B	Flash point	D93	60		C	65			
231B	API Gravity	D4052	36.0	48.0	API at 60C	40.2			
800	Anti-oxidant					800H			800A - Topanol A, 800B - HITEC 4733, 800C - AN 733, 800D - AO-31, 800E - AO-30, 800F - AO-29, 800G - Nalco EC5208A, 800H - TOLAD 3915, 800I - TOLAD 3920, 800J - TOPANOL AN, 800K - CHIMIC 4327, 800L - AO-37, 800M - BETZ BQ203, 800N - Chemlink No 4650, 800O

801	Anti-oxidant Injection Point							S				- Petroxilin E219, 800P - Kerobit TP-26, 800Q - Pet411K, 800R - ISONOX 133, 800S - AO-37B, 800T - ISONOX 75, 800U - HITEC 4775, 800V - BETZ 8Q2065, 800W - BHT, 800X - HITEC 4778, 800Y - Octel 37/70, 800Z - AO-187 S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal
802	Anti-oxidant concentration	24.0	mg/L	19.6								
840	Corrosion Inhibitor			840B								see QPL 25017 for approved additives and concentration levels; 840A - PRI-19, 840B - DCI-4A, 840C - DCI-6A, 840D - HITEC 580, 840E - Petrolite NC-351, 840F - NALCO 5403, 840G - TOLAD 3220, 840H - UNICOR J, 840I - IPC-4410, 840J - IPC-4445, 840K - MOBILAD F800, 840L - NALCO 5405, 840M - NUCHEM PCI-105, 840N - TOLAD 249, 840O - WELCHEM 91120, 840P - SPEC-AID 8021, 840Q - RPS-613, 840R - SPEC AID 8Q22, 840S - TOLAD 4410
841	Corrosion Inhibitor Injection Point			I								S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal
842	Corrosion Inhibitor Concentration		mg/L	16.5								

Test Referenced on Prior Document

Contract Number SPE60223D0494	Delivery Order SPE60224FA52R	Shipment Number DLA1010
Report Date 2024/09/29	Tank Number 1778	Batch Number 04438
Test A	Quantity Shipped from this Tank 1,129,926	Crude Process Tech HYDROPROCESSING
Comments	Sample Number 20240905858	Product JP5

Attachments

Test Code	Test Method Title	Method	Lower Limit	Upper Limit	Units	Result	Out of Spec.	Referral Processed	Additional Notes
010B	Color, Saybolt	D6045	report			30			
020	Appearance	D-4176	Clear and Bright			PASS			Please report as Pass or Fail
100C	Total acid number	D3242		0.015	mg KOH/g	0.000			
110D	Aromatics	D6379		26.5	vol %	16.7			
140	Doctor test	D4952				Negative			Please report as Positive or Negative
150G	Sulfur, total	D5453		0.20	mass %	0.010			
160D	Hydrogen Content	D5291	13.4		mass %	13.7			
201	Initial boiling point		report		C	134			
202	10% recovered			205	C	179			
203	20% recovered		report		C	195			
204	50% recovered		report		C	221			
206	90% recovered		report		C	261			
211	Final boiling point			300	C	286			
220B	Flash point	D93	60		C	65			
230B	Density	D4052	0.788	0.845	kg/L at 15C	0.824			
231B	API Gravity	D4052	36.0	48.0	API at 60C	40.2			
300C	Freezing Point	D5972		-46	C	-51.0			
310	Viscosity at -20C	D445		8.5	mm ² /s	6.40			
400C	Net heat of combustion	D3338	42.6		MJ/kg	43.1			Do not enter in BTUs
420	Smoke point	D1322	18.0		mm	21			
500	Copper strip corrosion @ 100 deg C, 2hrs	D130		No. 1		1A			Please report as one of the following: 1a, 1b, 2a, 2b, 2c, 2d, 2e, 3a, 3b, 4a, 4b, 4c
601	Change in pressure drop	D3241		25	mm Hg	0			

602	Heater tube deposit	D3241	<3	visual rating	<1					Please report as: 0, <1, 1, <2, 2, <3, 3, <4, 4; normal, abnormal, peacock
720B	Particulate matter	D5452	1.0	mg/L	0.1					
730	Filtration time	D5452	15	minutes	4					
750	Microseparator Rating	D3948			98					Table 1, Footnote 14
800	Anti-oxidant				800H					800A - Topanol A, 800B - HITEC 4733, 800C - AN 733, 800D - AO-31, 800E - AO-30, 800F - AO-29, 800G - Nalco EC5208A, 800H - TOLAD 3915, 800I - TOLAD 3920, 800J - TOPANOL AN, 800K - CHIMIC 4327, 800L - AO-37, 800M - BETZ BQ203, 800N - Chemlink No 4650, 800O - Petroxylin E219, 800P - Kerobit TP-26, 800Q - Pet411K, 800R - ISONOX 133, 800S - AO-37B, 800T - ISONOX 75, 800U - HITEC 4775, 800V - BETZ 8Q2065, 800W - BHT, 800X - HITEC 4778, 800Y - Octel 37/70, 800Z - AO-187
801	Anti-oxidant Injection Point				S					S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal
802	Anti-oxidant concentration		24.0	mg/L	19.6					
840	Corrosion Inhibitor				840B					see QPL 25017 for approved additives and concentration levels; 840A - PRI-19, 840B - DCI-4A, 840C - DCI-6A, 840D - HITEC 580, 840E - Petrolite NC-351, 840F - NALCO 5403, 840G - TOLAD 3220, 840H - UNICOR J, 840I - IPC-4410, 840J - IPC-4445, 840K - MOBILAD F800, 840L - NALCO 5405, 840M - NUCHEM PCI-105, 840N - TOLAD 249, 840O - WELCHEM 91120, 840P - SPEC-AID 8021, 840Q - RPS-613, 840R - SPEC AID 8Q22, 840S - TOLAD 4410
841	Corrosion Inhibitor Injection Point				I					S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal
842	Corrosion Inhibitor Concentration			mg/L	16.5					

910A	Calculated cetane index	D976	report		42.3			
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Test Referenced on Prior Document

Contract Number SPE60223D0494 **Delivery Order** SPE60224FA52R **Shipment Number** DLA1010
Report Date 2024/10/06 **Tank Number** 1773 **Quantity Shipped from this Tank** 45,612 **Batch Number** 04438
Test A **Sample Number** 20241001272 **Product** JP5 **Crude Process Tech** HYDROPROCESSING

Comments

Attachments

Test Code	Test Method Title	Method	Lower Limit	Upper Limit	Units	Result	Out of Spec.	Referral Processed	Additional Notes
010B	Color, Saybolt	D6045	report			30			
020	Appearance	D-4176	Clear and Bright			PASS			Please report as Pass or Fail
100C	Total acid number	D3242		0.015	mg KOH/g	0.010			
110D	Aromatics	D6379		26.5	vol %	18.4			
140	Doctor test	D4952				Negative			Please report as Positive or Negative
150G	Sulfur, total	D5453		0.20	mass %	0.010			
160D	Hydrogen Content	D5291	13.4		mass %	13.6			
201	Initial boiling point		report		C	134			
202	10% recovered			205	C	178			
203	20% recovered		report		C	195			
204	50% recovered		report		C	221			
206	90% recovered		report		C	261			
211	Final boiling point			300	C	284			

220B	Flash point	D93	60	C	66			
230B	Density	D4052	0.788	kg/L at 15C	0.828			
231B	API Gravity	D4052	36.0	API at 60C	39.4			
300C	Freezing Point	D5972		C	-52.0			
310	Viscosity at -20C	D445		mm ² /s	6.30			
400C	Net heat of combustion	D3338	42.6	MJ/kg	43.0			Do not enter in BTUs
420	Smoke point	D1322	18.0	mm	20			
500	Copper strip corrosion @ 100 deg C, 2hrs	D130		No. 1	1B			Please report as one of the following: 1a, 1b, 2a, 2b, 2c, 2d, 2e, 3a, 3b, 4a, 4b, 4c
601	Change in pressure drop	D3241		mm Hg	0			
602	Heater tube deposit	D3241		visual rating	<1			Please report as: 0; <1, 1, <2, 2, <3, 3, <4, 4; normal, abnormal, peacock
720B	Particulate matter	D5452		mg/L	0.3			
730	Filtration time	D5452		minutes	4			
750	Microseparator Rating	D3948			99			Table 1, Footnote 14
800	Anti-oxidant				800H			800A - Topanol A, 800B - HITEC 4733, 800C - AN 733, 800D - AO-31, 800E - AO-30, 800F - AO-29, 800G - Nalco EC5208A, 800H - TOLAD 3915, 800I - TOLAD 3920, 800J - TOPANOLAN, 800K - CHIMIC 4327, 800L - AO-37, 800M - BETZ BQ203, 800N - Chemlink No 4650, 800O - Petroxylin E219, 800P - Kerobit TP-26, 800Q - Pet411K, 800R - ISONOX 133, 800S - AO-37B, 800T - ISONOX 75, 800U - HITEC 4775, 800V - BETZ 8Q2065, 800W - BHT, 800X - HITEC 4778, 800Y - Octel 37770, 800Z - AO-187
801	Anti-oxidant Injection Point				S			S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal

802	Anti-oxidant concentration			24.0	mg/L	19.8					see QPL 25017 for approved additives and concentration levels; 840A - PRI-19, 840B - DCI-4A, 840C - DCI-6A, 840D - HITEC 580, 840E - Petrolite NC-351, 840F - NALCO 5403, 840G - TOLAD 3220, 840H - UNICOR J, 840I - IPC-4410, 840J - IPC-4445, 840K - MOBILAD F800, 840L - NALCO 5405, 840M - NUCHEM PCI-105, 840N - TOLAD 249, 840O - WELCHEM 91120, 840P - SPEC-AID 8021, 840Q - RPS-613, 840R - SPEC AID 8Q22, 840S - TOLAD 4410
840	Corrosion Inhibitor					840B					
841	Corrosion Inhibitor Injection Point					I					S - Blended into shipping tank, I - additive line injected, leave blank if not injected at terminal
842	Corrosion Inhibitor Concentration				mg/L	16.5					
910A	Calculated cetane index					40.7					

[+] Address Information

[+] Misc Information

[+] Workflow Information

Close

Appendix B

NBVC San Nicolas Island Opacity Survey

2024 NBVC San Nicolas Island Opacity Survey Result

Equipment Category	Description of Equipment in Permit Table (abbreviated)	Date of Equipment Inspection	Time of Equipment Inspection	Opacity Noted (Y/N)	Operating During Inspection (Y/N)	Comments
Powerhouse	1,845 BHP Cummins Model QSK38-G4, Unit G-1	11/6/2024	1108	N	N	
Powerhouse	2,205 BHP Cummins Model QSK45-G8, Unit G-2	11/6/2024	1108	N	N	
Powerhouse	1,480 BHP Cummins Model QSK50-DR, Unit G-3	11/6/2024	1108	N	Y	
Powerhouse	1,490 BHP Cummins Model QST30-G5-NR2, Unit G-4	11/6/2024	1108	N	N	
Powerhouse	1,440 BHP EMD-GM Model 16-567-C, Unit G-5	11/6/2024	1108	N	N	
Portable JP-5-Fired Engine	113 BHP John Deere Model 4045T, ID Range-P1	11/6/2024	0857	N	N	
Portable JP-5-Fired Engine	113 BHP John Deere Model 4045T, ID Range-P2	11/6/2024	1045	N	N	
Portable JP-5-Fired Engine	113 BHP John Deere Model 4045T, ID Range-P3	N/A	N/A	N/A	N/A	No longer on island
Portable JP-5-Fired Engine	113 BHP John Deere Model 4045T, ID Range-P5	N/A	N/A	N/A	N/A	No longer on island
Portable JP-5-Fired Engine	397 BHP Caterpillar Model 3306	11/6/2024	0830	N	N	
Portable JP-5-Fired Engine	165 BHP John Deere Model 6068TF275	11/6/2024	0851	N	N	
Portable JP-5-Fired Engine	167 BHP Allis Chalmers Model 3500-A	11/6/2024	1248	N	N	
Portable JP-5-Fired Engine	65.7 BHP Isuzu Model 4LE2X	11/6/2024	0903	N	N	
Portable JP-5-Fired Engine	95.2 BHP Isuzu Model BR-4JJ1X	11/6/2024	0909	N	N	
Portable JP-5-Fired Engine	323 BHP John Deere Model 668HFG06	11/6/2024	1249	N	N	
Portable JP-5-Fired Engine	78 BHP Isuzu Model 6BD1	11/6/2024	1253	N	N	
Portable JP-5-Fired Engine	165 BHP John Deere Model 6068TF275K, (51-26066)	11/15/2024	0827	N	N	Located at Point Mugu
Portable JP-5-Fired Engine	165 BHP John Deere Model 6068TF275K, (51-26067)	11/15/2024	0824	N	N	Located at Point Mugu
Portable JP-5-Fired Engine	165 BHP John Deere Model 6068TF275F, (51-26068)	11/15/2024	0826	N	N	Located at Point Mugu
Portable JP-5-Fired Engine	165 BHP John Deere Model 6068TF275F, (51-26069)	11/15/2024	0827	N	N	Located at Point Mugu

2024 NBVC San Nicolas Island Opacity Survey Result

Equipment Category	Description of Equipment in Permit Table (abbreviated)	Date of Equipment Inspection	Time of Equipment Inspection	Opacity Noted (Y/N)	Operating During Inspection (Y/N)	Comments
Portable JP-5-Fired Engine	315 BHP John Deere Model 6068HF485T, (51-28008)	11/15/2024	0830	N	N	Located at Point Mugu
Sweeper	139.5 BHP John Deere Model 4045HF285G (54-09846)	11/6/2024	0845	N	N	
JP-5-fired Backup Engine	99 BHP John Deere Model 4045TF285, Medical Clinic, Building 58	11/6/2024	0823	N	N	
JP-5-fired Backup Engine	145 BHP Deutz Model DFP4-2012-C15, Fire Water Pump, Building N299	11/6/2024	1147	N	N	
JP-5-fired Backup Engine	197 BHP John Deere Model 6068HF285, Runway Lighting Backup, Building N197	11/6/2024	0738	N	N	
JP-5-fired Backup Engine	1,220 BHP Detroit Model 91237306, Building N182	11/6/2024	0953	N	N	
JP-5-fired Backup Engine	650 BHP Detroit Model 400 ROZD71, Building N127	11/6/2024	1036	N	N	
JP-5-fired Backup Engine	235 BHP Cat Model 3306D1, Building N178	11/6/2024	1041	N	N	Out of service during compliance certification period
JP-5-fired Backup Engine	207 BHP Cummins Model 6CT8.3-G2, Building N172	11/6/2024	0957	N	N	
JP-5-fired Backup Engine	175 BHP Cummins Model NT 495 G, Building N166	11/6/2024	1028	N	N	Out of service during compliance certification period
JP-5-fired Backup Engine	175 BHP Cummins Model NT 495 G, Building N168	11/6/2024	1014	N	N	
JP-5-fired Backup Engine	175 BHP Cummins Model NT 495 G, Building N170	11/6/2024	1008	N	N	
JP-5-fired Backup Engine	176 BHP Cummins Model QSB5-G5, Building N145	11/6/2024	0742	N	N	
JP-5-fired Backup Engine	364 BHP Cummins Model QSL9-G2-NR3, Building N111	11/6/2024	0913	N	N	
JP-5-fired Backup Engine	134 BHP Cummins Model 6BT-5.9, Building N112	11/6/2024	1056	N	N	Out of service during compliance certification period
JP-5-fired Backup Engine	134 BHP Cummins Model 6BT-5.9, Building N113	11/6/2024	1039	N	N	Out of service during compliance certification period

2024 NBVC San Nicolas Island Opacity Survey Result

Equipment Category	Description of Equipment in Permit Table (abbreviated)	Date of Equipment Inspection	Time of Equipment Inspection	Opacity Noted (Y/N)	Operating During Inspection (Y/N)	Comments
JP-5-fired Backup Engine	130 BHP Cat Model C4.4, Building N144	11/6/2024	0820	N	N	
JP-5-fired Backup Engine	99 BHP Cummins Model 4BTA3.9-G5, Building N255	11/6/2024	0802	N	N	
JP-5-fired Backup Engine	63 BHP JCB Power Systems Model 444TA4-55, Building N128	11/6/2024	0826	N	N	
JP-5-fired Backup Engine	158 BHP Caterpillar Model 3116-D1, Building N151	11/6/2024	0917	N	N	
JP-5-fired Backup Engine	97 BHP John Deere, Model 5030HF285G, Building N211	11/6/2024	0815	N	N	
JP-5-fired Backup Engine	435 BHP Cummins Model NT 855 06, SLAM 2	11/6/2024	1138	N	N	
JP-5-fired Backup Engine	113 BHP John Deere Model 4045T, Building 327	11/6/2024	1124	N	N	
JP-5-fired Backup Engine	113 BHP John Deere Model 4045T, Building 324	11/6/2024	1159	N	N	
Barge Landing Generator	324 BHP Cummins Model QSB7-G5 NR3	11/6/2024	0935	N	N	
Air Compressor	80.5 BHP John Deere Model 4045DF150B	11/6/2024	0838	N	N	
Portable Concret Batch Plant		11/6/2024	0812	N	N	
Portable Gasoline Engine	63 BHP Ford, Model LSG-4231-6007-B	11/6/2024	0748	N	N	

Appendix C

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

SNI Powerhouse Daily Generation

January 16, 2024

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 Totals	
01:00					540	.75					540	
02:00					550	.78					550	
03:00					560	.78					560	
04:00					550	.79					550	
05:00					560	.77					560	
06:00					570	.77					570	
07:00			610	.81							610	
08:00			620	.81							620	
09:00			580	.82							580	
10:00			620	.80							620	
11:00			560	.76							560	
12:00			580	.79							580	
13:00			570	.77							570	
14:00			590	.79							590	
15:00			600	.79							600	
16:00			580	.79							580	
17:00			630	.81							630	
18:00			620	.82							620	
19:00			660	.83							660	
20:00			630	.81							630	
21:00			580	.79							580	
22:00			570	.79							570	
23:00			540	.77							540	
24:00			570	.78							570	
Total KW	0		10,710		3,330		0		0		14,040	

SNI Powerhouse Daily Generation

February 8, 2024

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 Totals	Totals
01:00					600	.81					600	600
02:00					590	.80					590	590
03:00					650	.83					650	650
04:00					630	.82					630	630
05:00					640	.82					640	640
06:00					660	.83					660	660
07:00					780	.86					780	780
08:00					770	.86					770	770
09:00					700	.83					700	700
10:00					680	.82					680	680
11:00					690	.82					690	690
12:00					750	.84					750	750
13:00					630	.81					630	630
14:00					690	.83					690	690
15:00					640	.81					640	640
16:00					620	.80					620	620
17:00					660	.81					660	660
18:00					670	.81					670	670
19:00					720	.83					720	720
20:00					620	.81					620	620
21:00					680	.83					680	680
22:00					640	.80					640	640
23:00					660	.82					660	660
24:00					600	.79					600	600
Total KW	0		0		15,970		0		0		15,970	15,970

SNI Powerhouse Daily Generation

March 22, 2024

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 Totals	
01:00					680	.83					680	
02:00					580	.79					580	
03:00					550	.77					550	
04:00					580	.79					580	
05:00					680	.83					680	
06:00					670	.81					670	
07:00					640	.81					640	
08:00					670	.83					670	
09:00					650	.81					650	
10:00					580	.78					580	
11:00					580	.78					580	
12:00					600	.79					600	
13:00					540	.77					540	
14:00					580	.79					580	
15:00					550	.77					550	
16:00					580	.78					580	
17:00					550	.77					550	
18:00					590	.79					590	
19:00					550	.76					550	
20:00					600	.80					600	
21:00					570	.79					570	
22:00					610	.79					610	
23:00					620	.80					620	
24:00					590	.79					590	
Total KW	0		0		14,390		0		0		14,390	

SNI Powerhouse Daily Generation

April 16, 2024

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 Totals	
01:00			580	81							580	
02:00			620	83							620	
03:00			580	82							580	
04:00			560	80							560	
05:00			710	85							710	
06:00			610	83							610	
07:00			680	84							680	
08:00			630	83							630	
09:00			690	85							690	
10:00			670	85							670	
11:00			570	80							570	
12:00			540	79							540	
13:00			610	83							610	
14:00			600	81							600	
15:00			590	81							590	
16:00			630	84							630	
17:00			600	82							600	
18:00			630	84							630	
19:00			650	84							650	
20:00			640	83							640	
21:00			630	83							630	
22:00			590	81							590	
23:00			580	80							580	
24:00			620	83							620	
Total KW	0		14,810		0		0		0		14,810	

SNI Powerhouse Daily Generation

May 9, 2024

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 Totals	
01:00					550	80					550	
02:00					570	80					570	
03:00					560	80					560	
04:00					610	82					610	
05:00					630	83					630	
06:00					610	83					610	
07:00					710	85					710	
08:00					640	84					640	
09:00					600	82					600	
10:00					520	80					520	
11:00					600	84					600	
12:00					570	82					570	
13:00					540	80					540	
14:00					580	81					580	
15:00					550	81					550	
16:00					520	79					520	
17:00					500	78					500	
18:00					580	82					580	
19:00					510	78					510	
20:00					560	80					560	
21:00					500	77					500	
22:00					560	80					560	
23:00					520	79					520	
24:00					520	80					520	
Total KW	0		0		13,610		0		0		13,610	

SNI Powerhouse Daily Generation

June 20, 2024

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							530	79			530
02:00							500	77			500
03:00							580	81			580
04:00							530	80			530
05:00							560	81			560
06:00							550	80			550
07:00							540	80			540
08:00							540	79			540
09:00							560	81			560
10:00							610	83			610
11:00							540	81			540
12:00							590	82			590
13:00							530	80			530
14:00							600	82			600
15:00							510	78			510
16:00							570	80			570
17:00							560	80			560
18:00							560	82			560
19:00							560	80			560
20:00							550	80			550
21:00							620	82			620
22:00							590	82			590
23:00							550	80			550
24:00							570	81			570
Total KW	0		0		0		13,400		0		13,400

SNI Powerhouse Daily Generation

July 15, 2024

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 Totals	
01:00			550	.75							550	
02:00			560	.76							560	
03:00			560	.76							560	
04:00			600	.77							600	
05:00			610	.77							610	
06:00			590	.76							590	
07:00			580	.78							580	
08:00			580	.77							580	
09:00			580	.78							580	
10:00			640	.78							640	
11:00			690	.81							690	
12:00			630	.79							630	
13:00			640	.78							640	
14:00			620	.78							620	
15:00			610	.79							610	
16:00			580	.77							580	
17:00			650	.80							650	
18:00			670	.81							670	
19:00			650	.80							650	
20:00			670	.81							670	
21:00			620	.79							620	
22:00			560	.76							560	
23:00			590	.77							590	
24:00			570	.76							570	
Total KW	0		14,600		0		0		0		14,600	

SNI Powerhouse Daily Generation

August 27, 2024

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 Totals	Totals
01:00					560	.76					560	560
02:00					570	.77					570	570
03:00					530	.75					530	530
04:00					510	.75					510	510
05:00					600	.79					600	600
06:00					630	.79					630	630
07:00					600	.78					600	600
08:00					570	.78					570	570
09:00					660	.79					660	660
10:00					590	.78					590	590
11:00					620	.78					620	620
12:00					620	.79					620	620
13:00					600	.78					600	600
14:00					630	.78					630	630
15:00					620	.78					620	620
16:00					660	.80					660	660
17:00					610	.79					610	610
18:00					640	.79					640	640
19:00					620	.78					620	620
20:00					610	.78					610	610
21:00					640	.79					640	640
22:00					580	.79					580	580
23:00					550	.76					550	550
24:00					570	.76					570	570
Total KW	0		0		14,390		0		0		14,390	14,390

SNI Powerhouse Daily Generation

September 17, 2024

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 Totals	Hourly Totals
01:00			580	78							580	580
02:00			550	78							550	550
03:00			590	77							590	590
04:00			580	79							580	580
05:00			620	79							620	620
06:00			640	80							640	640
07:00			620	79							620	620
08:00			690	82							690	690
09:00			650	81							650	650
10:00			680	82							680	680
11:00			640	79							640	640
12:00			660	82							660	660
13:00			690	81							690	690
14:00			640	80							640	640
15:00			640	81							640	640
16:00			670	81							670	670
17:00			660	81							660	660
18:00			640	80							640	640
19:00			640	80							640	640
20:00			650	80							650	650
21:00			640	79							640	640
22:00			540	76							540	540
23:00			560	78							560	560
24:00			560	78							560	560
Total KW	0	0	15,030	0	15,030	0	0	0	0	0	15,030	15,030

SNI Powerhouse Daily Generation

October 15, 2024

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					550	.76					550
02:00					600	.77					600
03:00					640	.80					640
04:00					560	.76					560
05:00					660	.81					660
06:00					650	.80					650
07:00					640	.80					640
08:00					620	.79					620
09:00					670	.80					670
10:00					720	.82					720
11:00					660	.80					660
12:00					690	.81					690
13:00					640	.79					640
14:00					620	.78					620
15:00					600	.78					600
16:00					640	.79					640
17:00					650	.80					650
18:00					590	.77					590
19:00					610	.78					610
20:00					650	.80					650
21:00					630	.79					630
22:00					620	.78					620
23:00					560	.76					560
24:00					590	.78					590
Total KW	0		0		15,060		0		0		15,060

November 11, 2024												
SNI Powerhouse Daily Generation												
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 Totals	Totals
01:00					570	78						570
02:00					560	75						560
03:00					550	75						550
04:00					550	75						550
05:00					570	76						570
06:00					560	76						560
07:00					590	79						590
08:00					610	77						610
09:00					670	79						670
10:00					580	74						580
11:00					570	77						570
12:00					580	76						580
13:00					590	77						590
14:00					540	74						540
15:00					620	79						620
16:00					610	79						610
17:00					590	78						590
18:00					610	78						610
19:00					600	78						600
20:00					640	79						640
21:00					590	77						590
22:00					600	78						600
23:00					570	76						570
24:00												
Total KW	0		0		14,080		0		0		14,080	14,080

SNI Powerhouse Daily Generation

December 17, 2023

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 Totals	
01:00			570	81							570	
02:00			580	80							580	
03:00			610	81							610	
04:00			560	79							560	
05:00			570	79							570	
06:00			570	81							570	
07:00			610	79							610	
08:00			610	81							610	
09:00			610	81							610	
10:00			570	78							570	
11:00			580	79							580	
12:00			520	80							520	
13:00			550	77							550	
14:00			570	79							570	
15:00			580	79							580	
16:00			570	78							570	
17:00			580	79							580	
18:00			630	82							630	
19:00			570	78							570	
20:00			620	81							620	
21:00			600	81							600	
22:00			540	77							540	
23:00			630	83							630	
24:00			630	82							630	
Total KW	0		14,040		0		0		0		14,040	

Appendix D

NBVC San Nicolas Island RICE NESHAP Maintenance Records

NAVFAC SAN NICOLAS ISLAND RICE NESHAP MAINTENANCE RECORD

Bldg	Device	Engine Oil Analysis		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		Post 2006 Construction, Maintenance not Required						
128	56 BHP Cummins		Engine removed and replaced; Maintenance not Required			7/19/2023	1054	7/19/2023	1054
111	364 BHP Cummins		Post 2006 Construction, Maintenance not Required						
144	130 BHP CAT		Post 2006 Construction, Maintenance not Required						
145	176 BHP Cummins		Post 2006 Construction, Maintenance not Required						
151	158 BHP Caterpillar	8/6/2024	703.0	Passing Analysis -N/R	Passing Analysis -N/R	8/6/2024	703.0	8/6/2024	703.0
197	197 BHP John Deere		Post 2006 Construction, Maintenance not Required						
211	97 BHP John Deere		Post 2006 Construction, Maintenance not Required						
255	90 BHP Cummins	8/8/2024	6.0	Passing Analysis -N/R	Passing Analysis -N/R	8/8/2024	6.0	8/8/2024	6.0
Powerhouse	755 BHP Cummins		Post 2006 Construction, Maintenance not Required						

RANGE SAN NICOLAS ISLAND RICE NESHAP MAINTENANCE RECORD

Bldg	Device	Engine Oil Analysis		Engine and Filter Oil Change		Air Cleaner Inspection		Hoses and Belts Inspection	
		Date of Engine Oil Sample Collection	Hour Meter Reading at Time of Engine Oil Sample Collection	Date of Engine Oil and Oil Filter Change	Hour Meter Reading at Time of Engine Oil and Oil Filter Change	Date of Inspection	Hour Meter Reading at Time of Inspection	Date of Inspection	Hour Meter Reading at Time of Inspection
SLAM	435 BHP Cummins	8/21/2024	1241.0	Passing Analysis - N/R	Passing Analysis - N/R	8/21/2024	1241.0	8/21/2024	1241.0
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	8/21/2024	1729.0	Passing Analysis - N/R	Passing Analysis - N/R	8/21/2024	1729.0	8/21/2024	1729.0
166	175 BHP Cummins			Out of Service on Title V Permit #1207, Maintenance not Required					
168	175 BHP Cummins	8/21/2024	765	Passing Analysis - N/R	Passing Analysis - N/R	8/21/2024	765.0	8/21/2024	765.0
170	175 BHP Cummins			Generator not Operated During Certification Period		N/A	N/A	N/A	N/A
172	207 BHP Cummins	8/21/2024	1530	Passing Analysis - N/R	Passing Analysis - N/R	8/21/2024	1530	8/21/2024	1530
178	235 BHP CAT			Out of Service on Title V Permit #1207, Maintenance not Required					
182	1220 BHP Detroit	8/21/2024	238.3	Passing Analysis - N/R	Passing Analysis - N/R	8/21/2024	238.3	8/21/2024	238.3
299	145 BHP Duetz			Post 2006 Construction, Maintenance not Required					
324	113 BHP John Deere			Post 2006 Construction, Maintenance not Required					
327	113 BHP John Deere			Post 2006 Construction, Maintenance not Required					

Appendix E

NBVC San Nicolas Island Annual Throughput/Consumption Report

2024 Twelve-Month Rolling Sum Throughput / Consumption Report

NBVC San Nicolas Island Title V Permit 01207

Title V Description	Engine Model Number	Annual Throughput Limit	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
Portable JP-5 Fired Engines														
113 BHP John Deere, Range P-1 (K261)	4045T	*	0	0	0	0	0	0	0	3334	3334	3492	3492	3492
113 BHP John Deere, Range P-2 (K262)	4045T	*	34	34	34	34	170	3650	3616	3695	3740	3865	3865	3865
113 BHP John Deere, Range P-3 (K267)	4045T	*	0	0	0	0	0	0	0	0	0	0	0	0
113 BHP John Deere, Range P-5 (K269)	4045T	*	0	0	0	0	0	0	0	0	0	0	0	0
165 BHP John Deere (Portable)	6068TF275	*	0	0	0	0	0	1056	1056	1056	1056	1056	1056	1056
165 BHP John Deere (Portable, N51-26066)	6068TF275K	*	0	0	0	0	0	0	0	0	0	0	0	0
165 BHP John Deere (Portable, N51-26067)	6068TF275K	*	0	0	0	0	0	0	0	0	0	0	0	0
165 BHP John Deere (Portable, N51-26068)	6068TF275F	*	0	0	0	0	0	0	0	0	0	0	0	0
165 BHP John Deere (Portable, N51-26069)	6068TF275F	*	0	0	0	0	0	0	0	0	0	0	0	0
315 BHP John Deere (Portable, N61-28008)	6068HF485T	*	0	0	0	0	0	0	0	0	0	0	0	0
397 BHP Cat (Portable)	3306	*	0	0	0	0	0	0	0	0	0	0	0	0
167 BHP Allis Chalmers (Portable)	3500-A	*	0	0	0	0	0	0	0	0	0	0	0	0
65.7 BHP Isuzu (Portable)	4LE2X	*	3443	3443	3489	3489	3594	3594	3594	3594	3594	3594	151	1380
95.2 BHP Isuzu (Portable)	BR-4JJ1X	*	19897	19897	21515	20392	18307	20982	21077	21049	21049	21049	4693	4693
323 BHP John Deere (Portable)	668HFG06	*	3553	3553	3747	3844	3973	14212	14212	14277	14277	14277	10724	26163
115 BHP Schwarze Sweeper	4045HFC92B	*	0	0	0	0	0	0	0	0	0	0	0	0
139.5 BHP Schwarze Sweeper	404HF285G	*	558	279	279	558	558	1953	2093	1953	2372	2372	2372	2372
SLAM 4, 78 BHP Portable, MQ Power	6BD1	*	0	0	0	0	0	0	0	0	0	0	0	0
Combined Portable Engines		532,800 BHP-Hr	27,484	27,205	29,064	26,316	26,601	45,447	45,648	48,957	49,420	49,703	26,352	43,020
JP-5 Fired Engines for Backup Electricity Generation														
Bldg. N58, 99 BHP John Deere	4045TF285	*	950	822	743	683	673	3940	3853	3772	3950	4821	4792	4792
Bldg. N111, 36- BHF Cummins	QSL9-G2-NR3	*	1019	946	874	728	655	13250	13177	13177	13177	16344	16198	16052
Bldg. N112, 13- BHF Cummins - Out of Service	6BT-5.9	*	0	0	0	0	0	0	0	0	0	0	0	0
Bldg. N113, 13- BHF Cummins - Out of Service	6BT-5.9	*	0	0	0	0	0	0	0	0	0	0	0	0
Bldg. N127, 650 BHF Detroit	400 ROZD71	*	2665	2665	2600	2600	2600	2600	2600	2600	2600	2600	520	520
Bldg. N128, 63 JCB Power Systems - New	444TA4-55	*	0	0	0	0	0	2211	2296	2331	2403	2898	2911	2911
Bldg. N128, System, 56 BHP Cummins - Replaced	4B3.3-G1	*	510	476	398	319	269	269	0	0	0	0	0	0
Bldg. N144, 130 BHF CAT	C4.4	*	429	403	377	325	364	4446	4446	4524	4615	4784	4693	4667
Bldg. N145, 176 BHF Cummins	QSB5-G5	*	2341	2341	2341	2130	2130	7603	7410	7586	7797	8166	7902	7656

2024 Twelve-Month Rolling Sum Throughput / Consumption Report NBVC San Nicolas Island Title V Permit 01207

Title V Description	Engine Model Number	Annual Throughput Limit	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
Bldg. N151, 158 BHP Cat	3116-D1	*	316	316	0	0	0	0	0	0	0	0	0	0
Bldg. N166, 175 BHP Cummins - Out of Service	NT-495 G	*	0	0	0	0	0	0	0	0	0	0	0	0
Bldg. N168, 175 BHP Cummins	NT-495 G	*	0	0	0	0	0	0	0	0	0	0	0	0
Bldg. N170, 175 BHP Cummins	NT-495 G	*	0	0	0	0	0	0	0	0	0	0	0	0
Bldg. N172, 207 BHP Cummins	6CT8.3-G2	*	145	145	104	104	104	104	6603	6748	6893	6893	9067	9067
Bldg. N178, 235 BHP CAT - Out of Service	3306D1	*	0	0	0	0	0	0	0	0	0	0	0	0
Bldg. N182, 1220 BHP Detroit	91237306	*	0	0	0	0	0	0	0	0	0	0	0	0
Bldg. N197, 197 BHP John Deere for Runway Lighting	6068HF285	*	690	690	630	591	591	6304	6304	6442	6442	6501	6619	6580
Bldg. N211, 97 BHP John Deere	5030HF285G	*	252	233	233	146	165	3376	3414	3424	3424	3715	3686	3667
Bldg. N255, 99 BHP Cummins	4BTA3.9-G5	*	0	0	40	59	79	594	614	634	653	673	693	693
Bldg. N299, 145 BHP Duetz (fixed fire water pump)	DFP4-2012-C15	*	0	29	29	29	29	29	29	160	160	160	160	160
Bldg. N324, 113 BHP John Deere	4045T	*	0	0	0	147	147	192	192	192	192	192	192	192
Bldg. N327, 113 BHP John Deere	4045T	*	0	0	0	0	0	0	0	0	0	0	0	0
SLAM 2, 435 BHP Cummins	NT 855 06	*	0	0	0	0	0	0	0	0	0	0	0	0
Combined Backup Generators		1,255,200 BHP-Hr	9,317	9,065	8,367	7,860	7,805	44,917	50,738	51,589	52,306	57,747	57,432	56,955
Pier Generator Engine														
Barge Landing, 324 BHP Cummins	QSB7-G5 NFR3	1,350 Hrs	111	133	131	123	105	120	102	104	127	147	123	123
Portable Air Compressor Engines														
80.3 BHP John Deere Air Compressor (Portable)	4045DF150B	9,500 BHP-Hr	0	0	0	0	0	0	0	0	0	0	0	0
Portable Gasoline Engine														
Portable 63 BHP Gasoline Ford Sewer Cleaner	LSG-4231-6007-B	100 Hrs	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Storage and Dispensing														
Gallons of gasoline dispensed (12-month sum)		125,000 Gallons	28,698	29,518	30,828	31,774	31,973	32,020	31,968	32,135	33,115	33,804	33,707	33,749
Power House Electricity Generating Engines														
12-month sum		718,845 Gallons	362,945	366,709	369,182	373,985	377,957	378,124	382,140	383,207	387,923	389,140	391,610	393,446
Portable Concrete Batch Plant														
Tons of concrete production (12-month sum)		288,360 Tons	0	0	0	0	0	0	0	1,079	1,421	2,023	2,398	2,418