San Diego County Air Pollution Control District
10124 Old Grove Rd.
San Diego, CA  92131
(858) 586-2600

TITLE V OPERATING PERMIT
PERMIT # 960992

Issued To:
National Steel and Shipbuilding Company
Site ID # 253A

Site Address
28th Street and Harbor Drive
San Diego, CA  92113
(619) 544-8764

Mailing Address
P.O. Box 85278
San Diego, CA  92186-5278

Responsible Official - PRIMARY: FRED HARRIS, PRESIDENT
ALTERNATE: ART SERPA, VP OF OPERATIONS
ALTERNATE: MATTHEW LUXTON, VP AND GENERAL COUNSEL

Facility Contact – T. Michael Chee, Environmental Manager
Permit Information Contact – Sara Giobbi, Environmental Engineer

Issued by the San Diego County Air Pollution Control District on ____________.
This Title V Operating Permit expires on ________________
# PREAMBLE

## SECTION I. REGULATION XIV PERMIT REQUIREMENTS

A. ADMINISTRATIVE PERMIT TERMS

B. RENEWAL REQUIREMENTS AND TERMS

C. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS

D. GENERAL PERMIT REQUIREMENTS

## SECTION II. FACILITY-WIDE REQUIREMENTS

A. GENERAL PERMIT PROGRAM APPLICABLE REQUIREMENTS

B. GENERAL PROHIBITORY APPLICABLE REQUIREMENTS

C. PERMIT SHIELDS

D. ADDITIONAL TERMS

## SECTION III. EMISSION UNIT REQUIREMENTS

A. DISTRICT PERMITTED EMISSION UNITS

B. REGISTERED AND LEASED EMISSION UNITS

C. INSIGNIFICANT EMISSION UNITS AND ACTIVITIES

## SECTION IV. VARIANCE PROCEDURES

## SECTION V. APPENDICES

A. DISTRICT PERMITS AND REGISTERED UNITS

B. RULE REFERENCE TABLE

C. ABBREVIATIONS
PREAMBLE

This Title V Operating Permit consists of this document and all appendices, including District permits incorporated by reference. The facility is subject to all applicable requirements identified within this permit, unless a specific permit shield is specified within this permit. If an applicable requirement is omitted from this permit, the facility is still obligated to comply with such an applicable requirement. The permittee must comply with all of the terms listed in each section of this permit.

This permit contains five major sections: Section I contains the Regulation XIV requirements required to carry out the Title V Operating Permit program. Section II contains the requirements that are applicable to the facility on a facility-wide basis. Section III contains the requirements that are applicable to individual emission units which have been issued District permits or District registration, or which have been determined to be insignificant emission units. Section IV contains terms and requirements pertaining to variance procedures and compliance schedules, if applicable to the facility. Section V contains three appendices. Appendix A contains all the District permits incorporated within this permit. Appendix B contains a table of all SIP approved and District approved rules. Appendix C contains a list of abbreviations used within this permit.

Copies of the Rules and Regulations of the Air Pollution Control District of San Diego County and the Rules and Regulations for San Diego County contained in the State Implementation Plan (SIP) approved by EPA may be obtained at the District. Copies are also available for review at the following locations:

SD Air Pollution Control District (Library & Public Review Area)County of SD Law Library (Downtown)County of SD Law Library (North County)
10124 Old Grove Rd.1105 Front St.325 S. Melrose Suite 300
San Diego, CA 92131-1649San Diego, CA 92101Vista, CA 92083
(858) 586-2600(619) 531-3900(760) 940-4386

The current Rules and Regulations of the Air Pollution Control District of San Diego County may also be viewed and downloaded using the following internet address:

www.sdapcd.org/rules/rules/randr.html

The following addresses should be used to submit any certifications, reports or other information required by this permit:

SD Air Pollution Control District
Compliance Division
10124 Old Grove Rd.
San Diego, CA 92131-1649

USEPA Region IX
Director of the Air Division Attn: Air-5
75 Hawthorne Street
San Francisco, CA 94105
SECTION I. REGULATION XIV PERMIT REQUIREMENTS

A. ADMINISTRATIVE PERMIT TERMS

1. This Title V Operating Permit expires on June 15, 2016. [Rule 1410]

2. Commencing or continuing operation under this permit to operate shall be deemed acceptance of all terms and conditions specified within this permit. This does not limit the right of the applicant to seek judicial review or seek federal EPA review of a permit term or condition. [Rule 1421]

3. This permit may be modified, revoked, reopened and reissued, or terminated by the District for cause. [Rule 1421]

4. The filing of a request by the facility for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay the applicability of any permit condition. [Rule 1421]

5. This permit does not convey any property rights of any sort, or any exclusive privilege. [Rule 1421]

6. The need for the permittee to halt or reduce a permitted activity in order to maintain compliance with any term or condition of this permit shall not be a defense for any enforcement action brought as a result of a violation of any such term or condition. [Rule 1421]

7. In the event of challenge to any portion of this permit, the rest of the permit remains valid. [Rule 1421]

8. For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any applicable requirement in this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed. [Rule 1421]

B. RENEWAL REQUIREMENTS AND TERMS

1. The permittee shall submit a complete application for renewal of this permit to the Air Pollution Control Officer no later than June 15, 2015 and no earlier than January 15, 2015. [Rule 1410]

2. If an administratively complete application for renewal of this permit has been submitted to the Air Pollution Control Officer within the dates specified in Section I.B.1., the terms and conditions of this permit shall remain in effect and the source may continue operations under these terms and conditions after June 15, 2016 until the Air Pollution Control Officer issues or denies the permit renewal. [Rule 1410]
C. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS

1. The permittee shall provide the District access to the facility and all equipment subject to this permit, and access to all required records pursuant to California Health and Safety Code Section 41510. [Rule 1421]

2. The permittee shall maintain all records required by this permit including any calibration, maintenance, and other supporting information and copies of all reports required by this permit for at least five years from their date of creation. Such records shall be maintained on-site for a minimum of three years. [Rule 1421]

3. The permittee shall submit monitoring and recordkeeping summary reports and all other monitoring and recordkeeping reports required by this permit to the District every six months, unless a shorter time frame is required by a specific permit condition contained in Section III of this permit. Unless other dates are specified in Section III, reports for data required to be collected from January 1 through June 30, shall be submitted no later than September 1 of the calendar year, and reports for data required to be collected from July 1 through December 31, shall be submitted no later than March 1 of the following calendar year. The report for the final six months of the year may be consolidated with the annual compliance certification required below. All instances of noncompliance from federally enforceable applicable requirements shall be clearly identified in these reports. (Timely completion of District Certification Reports Form J1 and Form J2, if applicable, and all indicated attachments, fulfills the requirements of this condition.) [Rule 1421 (b)(1)(iii) and 1421 (a)]

4. Each calendar year, the permittee shall submit to the District and to the federal EPA an annual compliance certification, in a manner and form approved in writing by the District, for the previous calendar year that includes the identification of each applicable term or condition of the final permit for which the compliance status is being certified, the compliance status and whether the facility was in continuous or intermittent compliance during the previous calendar year, identification of the method used to determine compliance during the previous calendar year, and any other information required by the District to determine the compliance status. The annual compliance certification for a calendar year shall be submitted no later than March 1 of the following calendar year and may be consolidated with the monitoring and recordkeeping report for the last six months of the year for which compliance is certified. (Timely completion of District Certification Reports Form J1 and Form J2, if applicable, and all indicated attachments, fulfills the requirements of this condition.) [Rule 1421]

5. Any report submitted to the District or federal EPA pursuant to this permit to comply with a federally enforceable applicable requirement, shall be certified by a responsible official stating that, based on information and belief formed after reasonable inquiry, the report is true, accurate and complete. [Rule 1421]

6. The permittee shall make any trade secret designations of records, documents, or other information submitted to the District or federal EPA in accordance with District Rule 176. [Rule 176]
7. The permittee shall report all deviations from any and all federally enforceable permit terms and conditions including: (a) breakdowns, whether or not they result in excess emissions, (b) deviations that result in excess emissions of any regulated air pollutant, and (c) deviations from monitoring, recordkeeping, reporting and other administrative requirements that do not result in excess emissions. For deviations that result from breakdowns under District Rule 98, the permittee shall report the breakdown within two hours of detection of the breakdown and provide a follow-up written report after corrective actions have been taken. For deviations not due to a breakdown but which result in excess emissions, the permittee shall report the deviation within ten calendar days of detection. For all other deviations where no specific time frame for reporting a deviation applies, the permittee shall report the deviation at the time of the next semi-annual monitoring summary or annual compliance certification, whichever occurs first. If an underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, then the criteria for the applicable requirement shall apply. The report must include the probable cause of such deviations and any corrective actions or preventive measures taken. [Rule 1421]

D. GENERAL PERMIT REQUIREMENTS

1. The permittee shall comply with all terms and conditions of this permit. This permit consists of this document and Appendixes A, B and C. Any noncompliance with the federally applicable terms and conditions of this permit shall constitute a violation of the federal Clean Air Act. Noncompliance with any federally applicable permit term or condition of this permit is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. Noncompliance with any District permit term or condition is grounds for enforcement action by the District. [Rule 1421]

2. Upon a written request by the District, the permittee shall furnish to the District any information needed to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit; any information required to determine compliance with this permit; or any records required to be maintained pursuant to this permit. Such information shall be provided within a reasonable time, as specified within the District's written request. [Rule 1421]

3. The permittee shall pay annual fees in accordance with District Rule 40. [Rule 1421]

4. The permittee shall provide access, facilities, utilities and any necessary safety equipment for source testing and inspection upon request of the District. [Rule 19]

5. This permit shall be maintained on-site at all times and be made available to the District upon request. [Rule 1410]

6. The Rule Reference Table provided in Appendix B shall be used to determine whether a cited rule is a federally and District enforceable requirement or a District only enforceable requirement. Any new or revised District rule shall not be considered federally enforceable until the rule is approved by EPA into the SIP. In cases where SIP approval is pending for a revised District rule, the rule citation shall refer to both the current SIP approved rule and the revised District rule. [Rule 1421]
SECTION II. FACILITY-WIDE REQUIREMENTS

A. GENERAL PERMIT PROGRAM APPLICABLE REQUIREMENTS

The permittee shall comply with the applicable requirements specified in the Rules and Regulations cited below, unless specifically exempted by the same Rule or Regulation.

<table>
<thead>
<tr>
<th>Regulation</th>
<th>Rule Citation</th>
<th>Title</th>
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<tbody>
<tr>
<td>SDCAPCD Reg. II</td>
<td>10</td>
<td>Permits Required</td>
</tr>
<tr>
<td>SDCAPCD Reg. II</td>
<td>19</td>
<td>Provision of Sampling &amp; Testing Facilities</td>
</tr>
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<td>SDCAPCD Reg. II</td>
<td>19.3</td>
<td>Emission Information</td>
</tr>
<tr>
<td>SDCAPCD Reg. II</td>
<td>21</td>
<td>Permit Conditions</td>
</tr>
<tr>
<td>SDCAPCD Reg. IV</td>
<td>60</td>
<td>Circumvention</td>
</tr>
</tbody>
</table>

B. GENERAL PROHIBITORY APPLICABLE REQUIREMENTS

The permittee shall comply with the generally applicable requirements specified in the Rules and Regulations cited below, unless specifically exempted by the same Rule or Regulation. These generally applicable requirements apply on a facility-wide basis to all permitted equipment, registered equipment, and insignificant activities. In cases where a requirement, in addition to being generally applicable, is also specifically applicable to one or more permitted emission units, the requirement is also included in Section III.A. of this permit.

<table>
<thead>
<tr>
<th>Regulation</th>
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<th>Title</th>
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<tr>
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<td>50</td>
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<tr>
<td>SDCAPCD Reg. IV</td>
<td>51</td>
<td>Nuisance</td>
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<td>67.0</td>
<td>Architectural Coatings</td>
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<td>SDCAPCD Reg. IV</td>
<td>67.17</td>
<td>Storage of Materials Containing VOC</td>
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<td>SDCAPCD Reg. IV</td>
<td>71</td>
<td>Abrasive Blasting</td>
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<td>SDCAPCD Reg. VI</td>
<td>102</td>
<td>Open Fires - Western Section</td>
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<td>SDCAPCD Reg. VI</td>
<td>105</td>
<td>Burning Permits</td>
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<td>106</td>
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<td>Temporary Suspension of Permits</td>
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<td>110</td>
<td>Additional Burning Limitations</td>
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<td>111</td>
<td>Prior Notification</td>
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<td>Burning Report</td>
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<td>Traffic Abatement Plan</td>
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<td>SDCAPCD Reg. X Subpart A</td>
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<td>NSPS - General Provisions</td>
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<td>SDCAPCD Reg. XI Subpart A</td>
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<td>NESHAP - General Provisions</td>
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<td>40 CFR Part 63 Subpart II</td>
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<td>Shipbuilding for Ship Repair (Surface Coating)</td>
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<td>SDCAPCD Reg. XI Subpart M, 361.145</td>
<td>63</td>
<td>Standard for Demolition and Renovation</td>
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</table>
**C. PERMIT SHIELDS**

1. The permittee is granted a permit shield from enforcement action for the rules cited in the table below based on the District's determination that such rules are not applicable to any operation at this facility. Permittee shall not perform any operation or activity subject to the rules cited in the table below.

<table>
<thead>
<tr>
<th>Regulation</th>
<th>Rule Citation</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>SDCAPCD Reg. IV</td>
<td>53</td>
<td>Specific Air Contaminants (1/22/97, 12/9/98)</td>
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<tr>
<td>SDCAPCD Reg. IV</td>
<td>54</td>
<td>Dust and Fumes (1/22/97, 12/9/98)</td>
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<tr>
<td>SDCAPCD Reg. IV</td>
<td>62</td>
<td>Sulfur Content of Fuels (10/21/81, 7/6/82)</td>
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<tr>
<td>SDCAPCD Reg. IV</td>
<td>67.0</td>
<td>Architectural Coatings (12/12/01)</td>
</tr>
<tr>
<td>SDCAPCD Reg. IV</td>
<td>67.4</td>
<td>Metal Container, Metal Closure and Metal Coil Coating Operations (5/15/96, 11/03/97)</td>
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<tr>
<td>SDCAPCD Reg. IV</td>
<td>67.6</td>
<td>Solvent Cleaning Operations (5/15/96)</td>
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<tr>
<td>SDCAPCD Reg. IV</td>
<td>67.6.1</td>
<td>Cold Solvent Cleaning and Stripping Operations (5/23/07)</td>
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<tr>
<td>SDCAPCD Reg. IV</td>
<td>67.6.2</td>
<td>Vapor Degreasing Operations (5/23/07)</td>
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<td>SDCAPCD Reg. XI</td>
<td>361.142</td>
<td>Standard for Asbestos Mills (6/4/85, 7/18/89)</td>
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<td>SDCAPCD Reg. XI</td>
<td>361.143</td>
<td>Standard for Roadways (6/4/85, 7/18/89)</td>
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<td>SDCAPCD Reg. XI</td>
<td>361.144</td>
<td>Standard for Manufacturing (6/4/85, 7/18/89)</td>
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<td>SDCAPCD Reg. XI</td>
<td>361.146</td>
<td>Standard for Spraying (6/4/85, 7/18/89)</td>
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<td>SDCAPCD Reg. XI</td>
<td>361.147</td>
<td>Standard for Fabricating (6/4/85, 7/18/89)</td>
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<td>Standard for Active Waste Disposal Sites (6/4/85, 7/18/89)</td>
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<td>NESHAPS</td>
<td>40 CFR Part</td>
<td>Printing and Publishing Industry (5/30/96)</td>
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<td>Subpart KK</td>
<td>63.460 et seq.</td>
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<tr>
<td>NESHAPS</td>
<td>40 CFR Part</td>
<td>Marine Tank Vessel Loading Operations (9/19/95)</td>
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<tr>
<td>Subpart Y</td>
<td>63.560 et seq.</td>
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</table>

2. Provided that the permittee maintains a record of monthly usage of wood products coating, gluing, cleaning, and washoff materials to demonstrate that the facility applies less than 250 gallons per month of wood products coating, gluing, cleaning, and washoff materials, the permittee is granted a permit shield from enforcement action for 40 CFR Part 63, Subpart JJ. [Rule 1421]

3. Provided that the permittee maintains a copy onsite of an emission inventory to demonstrate that the facility operates below the NOx major source threshold of 50 tons per year, the permittee is granted a permit shield from enforcement action for Rule 69.4.
D. ADDITIONAL TERMS

1. Any emission unit described in this Title V operating permit as being fired on natural gas, shall only use Public Utility Commission (PUC)-quality natural gas; any emission unit described in this Title V operating permit as being fired on liquid fuel shall use only California diesel, unless the emission unit permit specifies otherwise. [Rule(s) 53, 62]

SECTION III. EMISSION UNIT REQUIREMENTS

The Rule Reference Table provided in Appendix B shall be used to determine whether a cited rule is a federally and District enforceable requirement or a District only enforceable requirement. In cases where SIP approval is pending for a revised District rule, the rule citation shall refer to both the current SIP approved rule and the revised District rule. In these cases, both rules shall be enforceable requirements as indicated in the Rule Reference Table unless a specific permit shield for one or both rules has been granted.

A. DISTRICT PERMITTED EMISSION UNITS

The District Permits listed below and attached in Appendix A, including all terms and conditions of such permits, constitute the emission unit portion of this Title V Operating Permit document.

<table>
<thead>
<tr>
<th>Permit Number</th>
<th>Source Category</th>
<th>Permit Number</th>
<th>Source Category</th>
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<tr>
<td>000610</td>
<td>Abrasive Blast, Portable</td>
<td>961424</td>
<td>IC Engine, Diesel</td>
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<td>000616</td>
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<td>002690</td>
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<td>972497</td>
<td>Marine Coating Operations</td>
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<td>002702</td>
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<td>973122</td>
<td>Abrasive Blast, Stationary</td>
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<td>007657</td>
<td>Marine Coating Operations</td>
<td>974936</td>
<td>Plasma Cutter</td>
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<td>030379</td>
<td>Abrasive Blast, Portable</td>
<td>975149</td>
<td>Plasma Cutter</td>
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<td>040695</td>
<td>Abrasive Blast Storage</td>
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<td>860526</td>
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<tr>
<td>860672</td>
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<td>Plasma Cutter</td>
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<td>Emergency Generator</td>
<td>978048</td>
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<td>900255</td>
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<td>911128</td>
<td>Solvent Recovery Still</td>
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<td>Wood Products Coating</td>
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<td>Marine Coating Cell</td>
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B. REGISTERED AND LEASED EMISSION UNITS

The permittee shall comply with the source specific applicable requirements specified in the Rules and Regulations cited below for all registered emission units, unless specifically exempted by the same Rule or Regulations.

<table>
<thead>
<tr>
<th>Regulation</th>
<th>Rule Citation</th>
<th>Title</th>
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<tbody>
<tr>
<td>SDCAPCD Reg. IV</td>
<td>52</td>
<td>Particulate Matter</td>
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<td>SDCAPCD Reg. IV</td>
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<td>Specific Contaminants</td>
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<td>SDCAPCD Reg. IV</td>
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<td>Dust and Fumes</td>
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<tr>
<td>SDCAPCD Reg. IV</td>
<td>62</td>
<td>Sulfur Content of Fuels</td>
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<td>67.6</td>
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<td>SDCAPCD Reg. IV</td>
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<td>Stationary Reciprocating Internal Combustion Engines</td>
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C. INSIGNIFICANT EMISSION UNITS AND ACTIVITIES

The permittee shall comply with the source specific applicable requirements specified in the Rules and Regulations cited below for all emission units not required to obtain a District Permit to Operate pursuant to Rule 11, unless specifically exempted by the same Rule or Regulations.

<table>
<thead>
<tr>
<th>Regulation</th>
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<td>Organic Solvents</td>
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SECTION IV. VARIANCE PROCEDURES

VARIANCE PROCEDURES

The permittee may seek relief from District enforcement action in the event of a breakdown in accordance with District Rule 98. Notwithstanding the foregoing, the granting by the District of breakdown relief or the issuance by the Hearing Board of a variance does not provide relief from federal enforcement or citizen's suits. [Rule 98]
## APPENDIX A: DISTRICT PERMITS

<table>
<thead>
<tr>
<th>Permit Number</th>
<th>Source Category</th>
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<th>Source Category</th>
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<tbody>
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</table>
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
ABRASIVE BLAST MACHINE, PORTABLE: CLEMCO MOD SC2452, 600-LB CAP

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 71.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. PERMITTEE SHALL COMPLY WITH RULE 71.
   [RULE 1421]

2. PERMITTEE SHALL USE AN APPROPRIATE ABRASIVE BLASTING PROCEDURE, SUCH AS WET, CONFINED OR VACUUM BLASTING, OR IF PERFORMING DRY UNCONFINED BLASTING, USE A GRADE OF ABRASIVE THAT COMPLIES WITH THE APPLICABLE REQUIREMENTS OF TITLE 17, CALIFORNIA CODE OF REGULATIONS, STARTING AT SECTION 92000.
   [RULE 71]

3. WHEN GRAVITY OR PNEUMATIC LOADING PROCEDURES ARE USED, THE DUST LADEN AIR DISPLACED OR EXHAUSTED FROM THE ABRASIVE BLAST MACHINE, AS WELL AS FUGITIVE EMISSIONS, SHALL BE FILTERED OR OTHERWISE TREATED, WHEN NECESSARY, TO ENSURE COMPLIANCE WITH THE RULE 50.
   [RULE 50]

4. MEASURES SHALL BE TAKEN SO THAT GROUND DUST DOES NOT BECOME AIRBORNE. (ELEVATE THE ITEM TO BE BLASTED ABOVE THE GROUND AND/OR APPLY WATER TO THE SURROUNDING AREA AND REAPPLY WATER TO MAINTAIN DAMP GROUND SURFACE AND/OR REMOVE SPENT SAND PERIODICALLY, ETC.)
   [RULE 71]

5. AT AN ABRASIVE BLASTING FACILITY CONFINED BLASTING PROCEDURES SHALL BE USED WHEN THE ITEM TO BE BLASTED HAS DIMENSIONS THAT ARE ALL LESS THAN 8’ X 8’ X 10’, EXCEPT WHEN THE ITEM TO BE BLASTED IS AT ITS PERMANENT OR ORDINARY LOCATION, OR WHEN STEEL OR IRON SHOT/GRIT IS USED. FOR PROCEDURES AND OTHER REQUIREMENTS REFER TO CALIFORNIA CODE OF REGULATIONS, STARTING AT SECTION 92000.
   [RULE 71]

6. WHEN CERTIFIED ABRASIVES ARE USED FOR DRY UNCONFINED BLASTING, THE OPACITY OF THE DUST EMISSION FROM THE BLASTING OPERATION MAY NOT EXCEED 40% (OR #2 RINGELMANN) FOR MORE THAN 3 MINUTES IN ANY 60 CONSECUTIVE MINUTES, AND WHEN UNCERTIFIED ABRASIVES ARE USED FOR DRY UNCONFINED BLASTING THE OPACITY OF THE DUST EMISSION FROM THE BLASTING OPERATION MAY NOT EXCEED 20% (OR 1# RINGELMANN) FOR MORE THAN 3 MINUTES IN ANY 60 CONSECUTIVE MINUTES.
   [RULE 71]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

8. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).
9. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601
PERMIT NO. 610
EXPIRES
June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
ABRASIVE BLAST MACHINE, PORTABLE: CLEMCO MOD SC2452, 600-LB CAP.
FS: 01A01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 71.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. PERMITTEE SHALL COMPLY WITH RULE 71.
   [RULE 1421]

2. PERMITTEE SHALL USE AN APPROPRIATE ABRASIVE BLASTING PROCEDURE, SUCH AS WET, CONFINED OR VACUUM BLASTING, OR IF PERFORMING DRY UNCONFINED BLASTING, USE A GRADE OF ABRASIVE THAT COMPLIES WITH THE APPLICABLE REQUIREMENTS OF TITLE 17, CALIFORNIA CODE OF REGULATIONS, STARTING AT SECTION 92000.
   [RULE 71]

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   [RULE 50]

4. MEASURES SHALL BE TAKEN SO THAT GROUND DUST DOES NOT BECOME AIRBORNE. (ELEVATE THE ITEM TO BE BLASTED ABOVE THE GROUND AND/OR APPLY WATER TO THE SURROUNDING AREA AND REAPPLY WATER TO MAINTAIN DAMP GROUND SURFACE AND/OR REMOVE SPENT SAND PERIODICALLY, ETC.)
   [RULE 71]

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   [RULE 71]

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   [RULE 71]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

7. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).
8. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
Permit Conditions Continued...

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10c REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
ABRASIVE BLAST MACHINE, PORTABLE: CLEMCO MOD SC2452, 600-LB CAP.
FS: 01A01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 71. FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. PERMITTEE SHALL COMPLY WITH RULE 71. [RULE 1421]

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3. WHEN GRAVITY OR PNEUMATIC LOADING PROCEDURES ARE USED, THE DUST LADEN AIR DISPLACED OR EXHAUSTED FROM THE ABRASIVE BLAST MACHINE, AS WELL AS FUGITIVE EMISSIONS, SHALL BE FILTERED OR OTHERWISE TREATED, WHEN NECESSARY, TO ENSURE COMPLIANCE WITH THE RULE 50. [RULE 50]

4. MEASURES SHALL BE TAKEN SO THAT GROUND DUST DOES NOT BECOME AIRBORNE. (ELEVATE THE ITEM TO BE BLASTED ABOVE THE GROUND AND/OR APPLY WATER TO THE SURROUNDING AREA AND REAPPLY WATER TO MAINTAIN DAMP GROUND SURFACE AND/OR REMOVE SPENT SAND PERIODICALLY, ETC.) [RULE 71]

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B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

7. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).
8. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
ABRASIVE BLAST MACHINE (22-TON CAPACITY): KEY HOUSTON MODEL T-22, 8 NOZZLES
FS: 01B01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 52 AND 71.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. PERMITTEE SHALL COMPLY WITH RULE 52 AND RULE 71. [RULE 1421]

2. ALL PROCESS EQUIPMENT SHALL BE MAINTAINED AND OPERATED SO THAT THERE IS NO LEAKAGE OF AIR CONTAMINANTS TO THE ATMOSPHERE PRIOR TO THEIR TREATMENT IN THE AIR POLLUTION CONTROL SYSTEM. [RULE 52]

3. THE AIR POLLUTION CONTROL DEVICE SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AND SHALL BE IN OPERATION WHENEVER THE EQUIPMENT DESCRIBED ABOVE IS IN OPERATION. [RULES 50, 52]

4. PERMITTEE SHALL PERFORM THE FOLLOWING MONITORING AT LEAST ONCE EVERY SIX MONTHS AND MAINTAIN RECORDS OF THE RESULTS: 1) VISUALLY INSPECT THE BAGHOUSE FILTER SYSTEM TO VERIFY IT IS IN GOOD WORKING ORDER. 2) OBSERVE THE BAGHOUSE EXHAUST TO DETECT ANY VISIBLE EMISSIONS. IF ANY VISIBLE EMISSIONS ARE OBSERVED, PERMITTEE SHALL TAKE IMMEDIATE CORRECTIVE ACTIONS. [RULES 50, 52]

5. WHEN GRAVITY OR PNEUMATIC LOADING PROCEDURES ARE USED, THE DUST LADEN AIR DISPLACED OR EXHAUSTED FROM THE ABRASIVE BLAST MACHINE, AS WELL AS FUGITIVE EMISSIONS, SHALL BE FILTERED OR OTHERWISE TREATED, WHEN NECESSARY, TO ENSURE COMPLIANCE WITH RULE 50. (1629) [RULE 50]

6. A LOG OF ALL INSPECTIONS, REPAIRS, MALFUNCTIONS AND BREAKDOWNS OF CONTROL EQUIPMENT SHALL BE MAINTAINED ON-SITE FOR THE ABOVE EQUIPMENT. [RULES 50, 52]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

7. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.). [AIR TOXICS HOTS SPOTS]

8. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601
PERMIT NO. 973122
EXPIRES June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
ABRASIVE BLAST MACHINE: BCP, MODEL 10-36 RC; WITH A CARTRIDGE DUST CONTROL FILTER UNIT, FILTER EFFICIENCY 99.9% AT 0.5 MICRONS.
FS: 02B01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 52. FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. PERMITTEE SHALL COMPLY WITH RULE 52. [RULE 1421]

2. AIR POLLUTION CONTROL EQUIPMENT SHALL BE MAINTAINED IN GOOD OPERATING CONDITION IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS SO THAT THERE IS NO LEAKAGE OF AIR CONTAMINANTS TO THE ATMOSPHERE PRIOR TO THEIR TREATMENT IN THE AIR POLLUTION CONTROL SYSTEM. THE CONTROL EQUIPMENT SHALL BE IN FULL OPERATION AT ALL TIMES WHEN THE PROCESS EQUIPMENT IS IN OPERATION. MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS PERTAINING TO THE OPERATION AND MAINTENANCE OF THIS EQUIPMENT SHALL BE MAINTAINED ON SITE AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [RULES 50, 52]

3. AIR DUCTS, THE AIR POLLUTION CONTROL DEVICE, AND THE FILTER CLEANING SYSTEM SHALL BE INSPECTED, CLEANED AND REPAIRED NO LESS FREQUENTLY THAN ON SIX (6) MONTH INTERVALS. THE DATE THAT EQUIPMENT IS INSPECTED, CLEANED OR REPAIRED SHALL BE RECORDED IN AN INSPECTION/MAINTENANCE LOG BOOK, WHICH SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. THE DIFFERENTIAL PRESSURE GAUGE READINGS, TAKEN ACROSS THE FILTERS, SHALL BE RECORDED IN THE LOG BOOK DURING FACILITY USE, ON EACH DAY OF USE. [RULES 50, 52]

4. A DIFFERENTIAL PRESSURE GAUGE SHALL BE INSTALLED ACROSS THE FILTER MEDIA AND MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES TO MEASURE THE PRESSURE DROP ACROSS THE FILTERS. THE PRESSURE DROP ACROSS THE FILTER MEDIA SHALL BE MAINTAINED BETWEEN 1 AND 6 INCHES OF WATER. [RULES 21, 50, 52]

5. NO SURFACE COATINGS CONTAINING TOXICS, AS IDENTIFIED IN DISTRICT RULE 1200, SHALL BE REMOVED WITH THIS EQUIPMENT. [RULE 1200]

6. THE ABRASIVE USE FOR BLASTING AND RECYCLING SHALL BE LIMITED TO STEEL SHOT. [RULE 52] [RULES 50 AND 52]

7. DURING RECYCLING EQUIPMENT OPERATION, THE RETURN DUCTS TO THE ABRASIVE RECYCLING BARRELS SHALL BE ENCLOSED TO PREVENT VIOLATION OF RULE 50. [RULE 50] [RULE 50]
8. A LOG OF ALL INSPECTIONS, REPAIRS, MALFUNCTIONS AND BREAKDOWNS OF THE CONTROL EQUIPMENT SHALL BE MAINTAINED ON-SITE FOR THE ABOVE EQUIPMENT. [RULES 21, 50, 52]

9. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE MAINTAINED WITH THE EQUIPMENT FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. [RULE 21]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

10. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.). [AIR TOXICS HOTS SPOTS]

11. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT DESCRIPTION
ABRASIVE BLAST SYSTEM, GIETART MODEL GW 3200-640, WITH A TORIT MODEL DFO4-32 DUST COLLECTOR. USES A BLAST TURBINE WHEEL BRAND WHEELABRATOR, MODEL NO. 732158

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 52.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. PERMITTEE SHALL COMPLY WITH RULE 52. [RULE 1421]

2. ALL PROCESS EQUIPMENT SHALL BE MAINTAINED AND OPERATED SO THAT THERE IS NO LEAKAGE OF AIR CONTAMINANTS TO THE ATMOSPHERE PRIOR TO THEIR TREATMENT IN THE AIR POLLUTION CONTROL SYSTEM. [RULE 21]

3. THE AIR POLLUTION CONTROL DEVICE SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AND SHALL BE IN OPERATION WHENEVER THE EQUIPMENT DESCRIBED ABOVE IS IN OPERATION. [RULES 21, 50, 52]

4. THE ABRASIVE USE FOR BLASTING AND RECYCLING SHALL BE LIMITED TO STEEL SHOT. [RULE 52]

5. DURING RECYCLING EQUIPMENT OPERATION, THE RETURN DUCTS TO THE ABRASIVE RECYCLING BARRELS SHALL BE ENCLOSED TO PREVENT VIOLATION OF RULE 50. [RULE 50]

6. A DIFFERENTIAL PRESSURE GAUGE SHALL BE INSTALLED ACROSS THE FILTER MEDIA AND MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES TO MEASURE THE PRESSURE DROP ACROSS THE FILTERS. THE PRESSURE DROP ACROSS THE FILTER MEDIA SHALL BE MAINTAINED BETWEEN 1 AND 6 INCHES OF WATER. READINGS FROM THE DIFFERENTIAL PRESSURE GAUGE SHALL BE RECORDED IN A LOGBOOK EACH DAY OF EQUIPMENT USE. [RULES 21, 50, 52]

7. PERMITTEE SHALL PERFORM THE FOLLOWING MONITORING AT LEAST ONCE EVERY SIX MONTHS AND MAINTAIN RECORDS OF THE RESULTS: 1) VISUALLY INSPECT THE DUST COLLECTOR SYSTEM TO VERIFY IT IS IN GOOD WORKING ORDER. 2) OBSERVE THE DUST COLLECTOR EXHAUST TO DETECT ANY VISIBLE EMISSIONS. IF ANY VISIBLE EMISSIONS ARE OBSERVED, PERMITTEE SHALL TAKE IMMEDIATE CORRECTIVE ACTIONS. [RULES 21, 50, 52]

8. A LOG OF ALL INSPECTIONS, REPAIRS, MALFUNCTIONS AND BREAKDOWNS OF THE DUST COLLECTOR SHALL BE MAINTAINED ON-SITE FOR THE ABOVE EQUIPMENT. [RULES 21, 50, 52]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

10. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
ABRASIVE BLAST MACHINE: SCHMIDT, MODEL 8031-032, S/N KX13326, VENTED TO 12" POLY-PLEATED FILTERS.

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 52. FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. PERMITTEE SHALL COMPLY WITH RULE 52 AND RULE 71. [RULE 1421]

2. ALL PROCESS EQUIPMENT SHALL BE MAINTAINED AND OPERATED SO THAT THERE IS NO LEAKAGE OF AIR CONTAMINANTS TO THE ATMOSPHERE PRIOR TO THEIR TREATMENT IN THE AIR POLLUTION CONTROL SYSTEM. [RULE 52]

3. THE FILTERS SHALL BE INSPECTED, CLEANED AND REPAIRED, IF NEEDED, EACH DAY THE EQUIPMENT IS TO BE USED. THE DATE THAT THE EQUIPMENT IS INSPECTED, CLEANED OR REPAIRED SHALL BE RECORDED IN AN INSPECTION/MAINTENANCE LOGBOOK, WHICH SHALL BE MAINTAINED AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [RULE 52]

4. NO SURFACE COATINGS CONTAINING TOXIC MATERIALS, AS IDENTIFIED IN DISTRICT RULE 1200, SHALL BE REMOVED WITH THIS EQUIPMENT. [RULE 1200]

5. ONLY ARB-APPROVED BLAST MATERIAL SHALL BE USED WITH THIS EQUIPMENT. THE TYPE OF BLAST MEDIA USED SHALL BE RECORDED IN THE INSPECTION/MAINTENANCE LOGBOOK. [RULE 71]

6. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT FOR A MINIMUM OF THREE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. [RULE 52]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

7. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.). [AIR TOXICS HOTS SPOTS]

8. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
ABRASIVE BLAST MACHINE: SCHMIDT, MODEL 8031-032, S/N KX13327, VENTED TO 12’ POLY-PLEATED FILTERS.
FS: 02B01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 52, 71.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. PERMITTEE SHALL COMPLY WITH RULE 52 AND RULE 71. [RULE 1421]

2. ALL PROCESS EQUIPMENT SHALL BE MAINTAINED AND OPERATED SO THAT THERE IS NO LEAKAGE OF AIR CONTAMINANTS TO THE ATMOSPHERE PRIOR TO THEIR TREATMENT IN THE AIR POLLUTION CONTROL SYSTEM. [RULE 52]

3. THE FILTERS SHALL BE INSPECTED, CLEANED AND REPAIRED, IF NEEDED, EACH DAY THE EQUIPMENT IS TO BE USED. THE DATE THAT THE EQUIPMENT IS INSPECTED, CLEANED OR REPAIRED SHALL BE RECORDED IN AN INSPECTION/MAINTENANCE LOGBOOK, WHICH SHALL BE MAINTAINED AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [RULE 52]

4. NO SURFACE COATINGS CONTAINING TOXIC MATERIALS, AS IDENTIFIED IN DISTRICT RULE 1200, SHALL BE REMOVED WITH THIS EQUIPMENT. [RULE 1200]

5. ONLY ARB-APPROVED BLAST MATERIAL SHALL BE USED WITH THIS EQUIPMENT. THE TYPE OF BLAST MEDIA USED SHALL BE RECORDED IN THE INSPECTION/MAINTENANCE LOGBOOK. [RULE 71]

6. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT FOR A MINIMUM OF THREE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. [RULE 52]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

7. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.). [AIR TOXICS HOTS SPOTS]

8. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601 PERMIT NO. 40695
EXPIRES June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
ABRASIVE STORAGE HOPPER, ELEVATED: 32 TON CAPACITY, EQUIPPED WITH A DUST COLLECTOR
FS: 01C01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 52. FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. PERMITTEE SHALL COMPLY WITH RULE 52. [RULE 1421]

2. ALL PROCESS EQUIPMENT SHALL BE MAINTAINED AND OPERATED SO THAT THERE IS NO LEAKAGE OF AIR CONTAMINANTS TO THE ATMOSPHERE PRIOR TO THEIR TREATMENT IN THE AIR POLLUTION CONTROL SYSTEM. [RULE 21]

3. THE AIR POLLUTION CONTROL DEVICE SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AND SHALL BE IN OPERATION WHENEVER THE EQUIPMENT DESCRIBED ABOVE IS IN OPERATION. [RULES 21, 50, 52]

4. PERMITTEE SHALL PERFORM THE FOLLOWING MONITORING AT LEAST ONCE EVERY SIX MONTHS AND MAINTAIN RECORDS OF THE RESULTS: 1) VISUALLY INSPECT THE VENT FILTER SYSTEM TO VERIFY IT IS IN GOOD WORKING ORDER. 2) OBSERVE THE EXHAUST FROM THE VENT SYSTEM TO DETECT ANY VISIBLE EMISSIONS. IF ANY VISIBLE EMISSIONS ARE OBSERVED, PERMITTEE SHALL TAKE IMMEDIATE CORRECTIVE ACTIONS. [RULES 21, 50, 52]

5. THERE SHALL BE NO VISIBLE EMISSIONS AT THE HOPPER VENT FILTER. [RULE 50]

6. THE TRANSFER OF BULK ABRASIVE FROM THE STORAGE HOPPER TO THE ABRASIVE BLAST POT SHALL BE CONTROLLED TO COMPLY WITH THE EMISSION STANDARDS OF RULE 50. [RULE 50]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

7. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.). [AIR TOXICS HOTS SPOTS]

8. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
CRANE #14: CUMMINS, MODEL QST30-G1 NR1, 1030 BHP, DIESEL FIRED, TURBO CHARGED, AFTERCOOLED, S/N 37198949, ENGINE FAMILY NO. 1CEXL030.ABA, VENTED TO A DIESEL PARTICULATE FILTER AND AN ENGLEHARD SELECTIVE CATALYTIC REDUCTION SYSTEM.

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 50, 53, 62, AND 69.4.1.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. THE PERMITTEE SHALL COMPLY WITH THE FOLLOWING APPLICABLE REQUIREMENTS: RULE 53 AND RULE 62. [RULE 1421]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING Condition AT ALL TIMES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. THESE INSTRUCTIONS SHALL BE KEPT ONSITE. [RULE 69.4.1]
3. AN ENGINE IDENTICAL TO THE ONE DESCRIBED ABOVE WITH SERIAL NO. 37223631 MAY BE USED DURING TIMES WHEN THE ENGINE DESCRIBED ABOVE IS UNDERGOING MAINTENANCE. AT NO TIME SHALL THE ENGINE WITH SERIAL NO. 37223631 BE OPERATED WHEN ALL FOUR ENGINES DESCRIBED IN PERMIT TO OPERATE NOS. 950706, 921303, 975360 AND 975361 ARE IN OPERATION. [NSR]
4. THIS EQUIPMENT SHALL BE FIRED ON CALIFORNIA DIESEL FUEL ONLY. [RULE 69.4.1]
5. THE PERMITTEE SHALL MAINTAIN CALIFORNIA DIESEL FUEL CERTIFICATION TO SUBSTANTIATE THE USE OF THIS FUEL. THESE RECORDS SHALL BE MAINTAINED ONSITE FOR FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [RULE 69.4.1]
6. PERMITTEE SHALL KEEP A MANUAL OF RECOMMENDED MAINTENANCE PROVIDED BY THE MANUFACTURER, OR OTHER MAINTENANCE PROCEDURES AS APPROVED IN WRITING BY THE DISTRICT. (RULE 69.4.1)
7. THE SELECTIVE CATALYTIC REDUCTION SYSTEM (SCR) AND DIESEL PARTICULATE FILTER SHALL BE MAINTAINED IN GOOD CONDITION AND IN FULL OPERATION AT ALL TIMES WHEN THE ENGINE IS IN OPERATION. [RULE 69.4.1 AND NSR]
8. THE NON-RESETTABLE FUEL METER SHALL BE MAINTAINED IN GOOD WORKING ORDER AND USED FOR RECORDING TOTAL FUEL USAGE OF THIS ENGINE. THE DISTRICT'S COMPLIANCE DIVISION SHALL BE NOTIFIED PRIOR TO REPLACEMENT OF THE FUEL METER. [RULE 69.4.1]
9. THE FUEL CONSUMPTION FOR THIS ENGINE, AND ANY SPARE ENGINE USED IN THE SAME CRANE, SHALL NOT EXCEED 262,400 GALLONS PER CALENDAR YEAR. A DAILY LOG OF FUEL CONSUMPTION OF ANY ENGINE USED IN THIS CRANE SHALL BE MAINTAINED ON THE PREMISES. (NSR)
[NSR]
10. OXIDES OF NITROGEN (NOX) EMISSIONS FROM THIS ENGINE SHALL NOT EXCEED 53 PPM BY VOLUME, MEASURED IN THE FLUE GAS CALCULATED AT 15 PERCENT OXYGEN ON A DRY BASIS. [CA EXECUTIVE ORDER D-24-01]
11. CARBON MONOXIDE (CO) EMISSIONS FROM THE ENGINE SHALL NOT EXCEED 4500 PPM BY VOLUME (PPMV), MEASURED IN THE FLUE GAS AND CALCULATED AT 15 PERCENT OXYGEN ON A DRY BASIS. [RULE 69.4.1]
12. THE EMISSIONS OF AMMONIA FROM THE EXHAUST OF THIS EQUIPMENT SHALL NOT EXCEED 10 PPMVCD CORRECTED TO 15 PERCENT OXYGEN.
   [RULE 1200]

13. THIS EQUIPMENT SHALL BE SOURCE TESTED ONCE EACH PERMIT YEAR (ANNUAL SOURCE TEST) TO DEMONSTRATE COMPLIANCE WITH THE EMISSION STANDARDS CONTAINED IN THIS PERMIT. FOR THE PURPOSES OF THIS PERMIT, A PERMIT YEAR IS THE 12-MONTH PERIOD ENDING ON THE LAST DAY OF THE PERMIT EXPIRATION MONTH. IT IS THE RESPONSIBILITY OF THE PERMITTEE TO SCHEDULE THE SOURCE TEST WITH THE DISTRICT. THE SOURCE TEST SHALL BE PERFORMED OR WITNESSED BY THE DISTRICT. EACH ANNUAL SOURCE TEST SHALL BE SEPARATED BY AT LEAST 90 DAYS FROM ANY ANNUAL SOURCE TEST PERFORMED IN A DIFFERENT PERMIT YEAR. (NSR, RULE 69.4.1)

14. THE OWNER OR OPERATOR OF THIS ENGINE SHALL CONDUCT PERIODIC MAINTENANCE OF THIS ENGINE AS RECOMMENDED BY THE ENGINE MANUFACTURER OR AS SPECIFIED BY ANY OTHER MAINTENANCE PROCEDURE AS APPROVED IN WRITING, IN ADVANCE BY THE DISTRICT. THE PERIODIC MAINTENANCE SHALL BE CONDUCTED AT LEAST ONCE EACH CALENDAR YEAR.
   [RULE 69.4.1]

   [RULE 69.4.1]

16. CONCENTRATION OF NOX AND CO SHALL BE MEASURED USING SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT TEST METHOD 100, AIR RESOURCES BOARD (ARB) TEST METHOD 100 OR EQUIVALENT ENVIRONMENTAL PROTECTION AGENCY (EPA) TEST METHOD. (NSR, RULE 69.4.1)

17. CONCENTRATION OF AMMONIA SHALL BE MEASURED USING BAY AREA AIR QUALITY MANAGEMENT DISTRICT (BAAQMD) METHOD ST-1B.
   [RULE 69.4.1]

18. THE SULFUR CONTENT OF ANY FUEL BURNED SHALL NOT EXCEED 0.5 % BY VOL. (DRY BASIS).
   [RULE 62]

19. THE EXHAUST GAS CONCENTRATION OF SULFUR COMPOUNDS, CALCULATED AS SULFUR DIOXIDE (SO2) WHILE BURNING FUEL SHALL NOT EXCEED 0.05% BY VOLUME, ON A DRY BASIS.
   [RULE 53]

20. IF REQUESTED TO BE DETERMINED BY THE DISTRICT OR EPA, THE SULFUR CONTENT OF FUEL SHALL BE MEASURED IN ACCORDANCE WITH ASTM TEST METHOD D-4294.
   [RULE 62]

21. IF REQUESTED TO BE TESTED BY THE DISTRICT OR EPA, THE EXHAUST CONCENTRATIONS OF SULFUR COMPOUNDS SHALL BE MEASURED IN ACCORDANCE WITH EPA METHODS 6 (C) AND 16.
   [RULE 53]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

22. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).
   [AIR TOXICS HOT SPOTS]

23. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE: NATIONAL STEEL & SHIPBUILDING
EQUIPMENT ADDRESS: 28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION:
CUMMINS DIESEL ENGINE MODEL QST30-G1, 1030 HP, TURBOCHARGED AND AFTERCOOLED, EPA CERTIFICATE NO. CEX-NR9-01-32, VENTED TO A DIESEL PARTICULATE FILTER AND AN ENGELHARD SELECTIVE CATALYTIC REDUCTION SYSTEM DRIVING GANTRY CRANE #11

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 50, 53, 62, AND 69.4.1.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

   [RULE 1421]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES IN ACCORDANCE WITH MANUFACTURER’S INSTRUCTIONS. THESE INSTRUCTIONS SHALL BE KEPT ONSITE.
   [RULE 69.4.1]
3. AN ENGINE IDENTICAL TO THE ONE DESCRIBED ABOVE WITH SERIAL NO. 79221158 MAY BE USED DURING TIMES WHEN THE ENGINE DESCRIBED ABOVE IS UNDERGOING MAINTENANCE. AT NO TIME SHALL THE ENGINE WITH SERIAL NO. 79221158 BE OPERATED WHEN ALL FOUR ENGINES DESCRIBED IN PERMIT TO OPERATE NOS. 961424, 961425, 950705 AND 950704 ARE IN OPERATION.
   [NSR]
4. THIS EQUIPMENT SHALL BE FIRED ON CALIFORNIA DIESEL FUEL ONLY.
   [RULE 69.4.1]
5. THE PERMITTEE SHALL MAINTAIN CALIFORNIA DIESEL FUEL CERTIFICATION TO SUBSTANTIATE THE USE OF THIS FUEL. THESE RECORDS SHALL BE MAINTAINED ONSITE FOR TWO YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
   [RULE 69.4.1]
6. PERMITTEE SHALL KEEP A MANUAL OF RECOMMENDED MAINTENANCE PROVIDED BY THE MANUFACTURER, OR OTHER MAINTENANCE PROCEDURES AS APPROVED IN WRITING BY THE DISTRICT.
   [RULE 69.4.1]
7. THE SELECTIVE CATALYTIC REDUCTION SYSTEM (SCR) AND DIESEL PARTICULATE FILTER SHALL BE MAINTAINED IN GOOD CONDITION AND IN FULL OPERATION AT ALL TIMES WHEN THE ENGINE IS IN OPERATION.
   [NSR, DIESEL ATCM]
8. A NON-RESETTABLE FUEL METER SHALL BE INSTALLED AND MAINTAINED IN GOOD WORKING ORDER AND USED FOR RECORDING TOTAL FUEL USAGE OF ANY ENGINE USED IN THIS CRANE. THE DISTRICT’S COMPLIANCE DIVISION SHALL BE NOTIFIED PRIOR TO REPLACEMENT OF THE FUEL METER.
   [RULE 69.4.1]
9. FUEL CONSUMPTION FOR THIS ENGINE, AND ANY SPARE ENGINE USED IN THE SAME CRANE, SHALL NOT EXCEED 262,400 GALLONS PER CALENDAR YEAR. A DAILY LOG OF FUEL CONSUMPTION OF ANY ENGINE USED IN THIS CRANE SHALL BE MAINTAINED ON THE PREMISES.
   [NSR]
10. OXIDE OF NITROGEN (NOX) EMISSIONS FROM THE ENGINE SHALL NOT EXCEED 53 PPM BY VOLUME (PPMV), MEASURED IN THE FLUE GAS AND CALCULATED AT 15 PERCENT OXYGEN ON A DRY BASIS.
   [CA EXECUTIVE ORDER D-24-01]
PERMIT TO OPERATE

11. CARBON MONOXIDE (CO) EMISSIONS FROM THE ENGINE SHALL NOT EXCEED 4500 PPM BY VOLUME (PPMV), MEASURED IN THE FLUE GAS AND CALCULATED AT 15 PERCENT OXYGEN ON A DRY BASIS.  
   [RULE 69.4.1]

12. THE EMISSIONS OF AMMONIA FROM THE EXHAUST OF THIS EQUIPMENT SHALL NOT EXCEED 10 PPMVCD CORRECTED TO 15 PERCENT OXYGEN.  
   [RULE 69.4.1]

13. THIS EQUIPMENT SHALL BE SOURCE TESTED ONCE EACH PERMIT YEAR (ANNUAL SOURCE TEST) TO DEMONSTRATE COMPLIANCE WITH THE EMISSION STANDARDS CONTAINED IN THIS PERMIT. FOR THE PURPOSES OF THIS PERMIT, A PERMIT YEAR IS THE 12-MONTH PERIOD ENDING ON THE LAST DAY OF THE PERMIT EXPIRATION MONTH. IT IS THE RESPONSIBILITY OF THE PERMITTEE TO SCHEDULE THE SOURCE TEST WITH THE DISTRICT. THE SOURCE TEST SHALL BE PERFORMED OR WITNESSED BY THE DISTRICT. EACH ANNUAL SOURCE TEST SHALL BE SEPARATED BY AT LEAST 90 DAYS FROM ANY ANNUAL SOURCE TEST PERFORMED IN A DIFFERENT PERMIT YEAR.  
   [NSR, RULE 69.4.1]

14. THE OWNER OR OPERATOR OF THIS ENGINE SHALL CONDUCT PERIODIC MAINTENANCE OF ANY ENGINE USED IN THIS CRANE AS RECOMMENDED BY THE ENGINE MANUFACTURER OR AS SPECIFIED BY ANY OTHER MAINTENANCE PROCEDURE AS APPROVED IN WRITING, IN ADVANCE BY THE DISTRICT. THE PERIODIC MAINTENANCE SHALL BE CONDUCTED AT LEAST ONCE EACH CALENDAR YEAR.  
   [RULE 69.4.1]

15. THE OWNER OR OPERATOR OF ANY ENGINE USED IN THIS CRANE SHALL MAINTAIN AN OPERATING LOG CONTAINING AT A MINIMUM, THE FOLLOWING: TOTAL CUMULATIVE FUEL CONSUMPTION PER CALENDAR YEAR; RECORDS OF PERIODIC MAINTENANCE INCLUDING DATES MAINTENANCE WAS PERFORMED AND THE NATURE OF THE MAINTENANCE.  
   [RULE 69.4.1]

16. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT FOR A MINIMUM OF 5 YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
   [RULE 1421]

17. THE SULFUR CONTENT OF ANY FUEL BURNED SHALL NOT EXCEED 0.5 % BY VOL. (DRY BASIS).  
   [RULE 62]

18. THE EXHAUST GAS CONCENTRATION OF SULFUR COMPOUNDS, CALCULATED AS SULFUR DIOXIDE (SO2) WHILE BURNING FUEL SHALL NOT EXCEED 0.05% BY VOLUME, ON A DRY BASIS.  
   [RULE 53]

19. THE SULFUR CONTENT OF FUEL SHALL BE MEASURED IN ACCORDANCE WITH ASTM TEST METHOD D-4294.  
   [RULE 62]

20. THE EXHAUST CONCENTRATIONS OF SULFUR COMPOUNDS SHALL BE MEASURED IN ACCORDANCE WITH EPA METHODS 6 (C) AND 16.  
   [RULE 53]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

   [AIR TOXICS HOTS SPOTS]

22. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601
PERMIT NO.
950705
EXPIRES
June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE:
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS:
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION:
CRANE #10: CUMMINS, MODEL QSX15-G9 NR2, 680 BHP, DIESEL FIRED, TURBOCHARGED AFTERCOOLED, S/N 79170022, ENGINE FAMILY NO. 6CEXL015.AAB, VENTED TO A DIESEL PARTICULATE FILTER AND AN ENGLEHARD SELECTIVE CATALYTIC REDUCTION SYSTEM.

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 50, 62, AND 69.4.1.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

   [RULE 1421]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. THESE INSTRUCTIONS SHALL BE KEPT ONSITE.
   [RULE 69.4.1]
3. AN ENGINE IDENTICAL TO THE ONE DESCRIBED ABOVE WITH SERIAL NO. 79221158 MAY BE USED DURING TIMES WHEN THE ENGINE DESCRIBED ABOVE IS UNDERGOING MAINTENANCE. AT NO TIME SHALL THE ENGINE WITH SERIAL NO. 79221158 BE OPERATED WHEN ALL FOUR ENGINES DESCRIBED IN PERMIT TO OPERATE NOS. 961424, 961425, 950705 AND 950704 ARE IN OPERATION.
   [NSR]
4. THIS EQUIPMENT SHALL BE FIRED ON CALIFORNIA DIESEL FUEL ONLY.
   [RULE 69.4.1]
5. THE PERMITTEE SHALL MAINTAIN CALIFORNIA DIESEL FUEL CERTIFICATION TO SUBSTANTIATE THE USE OF THIS FUEL. THESE RECORDS SHALL BE MAINTAINED ONSITE FOR TWO YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
   [RULE 69.4.1]
6. PERMITTEE SHALL KEEP A MANUAL OF RECOMMENDED MAINTENANCE PROVIDED BY THE MANUFACTURER, OR OTHER MAINTENANCE PROCEDURES AS APPROVED IN WRITING BY THE DISTRICT.
   [RULE 69.4.1]
7. THE SELECTIVE CATALYTIC REDUCTION SYSTEM (SCR) AND DIESEL PARTICULATE FILTER SHALL BE MAINTAINED IN GOOD CONDITION AND IN FULL OPERATION AT ALL TIMES WHEN THE ENGINE IS IN OPERATION.
   [NSR, DIESEL ATCM]
8. THE NON-RESETTABLE FUEL METER SHALL BE MAINTAINED IN GOOD WORKING ORDER AND USED FOR RECORDING TOTAL FUEL USAGE OF ANY ENGINE USED IN THIS CRANE. THE DISTRICT'S COMPLIANCE DIVISION SHALL BE NOTIFIED PRIOR TO REPLACEMENT OF THE FUEL METER.
   [RULE 69.4.1]
9. FUEL CONSUMPTION FOR THIS ENGINE, AND ANY SPARE ENGINE USED IN THE SAME CRANE, SHALL NOT EXCEED 262,400 GALLONS PER CALENDAR YEAR. A DAILY LOG OF FUEL CONSUMPTION OF ANY ENGINE USED IN THIS CRANE SHALL BE MAINTAINED ON THE PREMISES.
   [NSR]
10. OXIDES OF NITROGEN (NOX) EMISSIONS FROM THE ENGINE SHALL NOT EXCEED 53 PPM BY VOLUME (PPMV), MEASURED IN THE FLUE GAS AND CALCULATED AT 15 PERCENT OXYGEN ON A DRY BASIS.
   [CA EXECUTIVE ORDER D-24-01]
11. CARBON MONOXIDE (CO) EMISSIONS FROM THE ENGINE SHALL NOT EXCEED 4500 PPM BY VOLUME (PPMV), MEASURED IN THE FLUE GAS AND CALCULATED AT 15 PERCENT OXYGEN ON A DRY BASIS.

Permit Conditions Continued...
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601
PERMIT NO. 950705
EXPIRES
June 15, 2016

PERMIT TO OPERATE

12. THE EMISSIONS OF AMMONIA FROM THE EXHAUST OF THIS EQUIPMENT SHALL NOT EXCEED 10 PPMVD CORRECTED TO 15 PERCENT OXYGEN.

[RULE 69.4.1]

13. THIS EQUIPMENT SHALL BE SOURCE TESTED ONCE EACH PERMIT YEAR (ANNUAL SOURCE TEST) TO DEMONSTRATE COMPLIANCE WITH THE EMISSION STANDARDS CONTAINED IN THIS PERMIT. FOR THE PURPOSES OF THIS PERMIT, A PERMIT YEAR IS THE 12-MONTH PERIOD ENDING ON THE LAST DAY OF THE PERMIT EXPIRATION MONTH. IT IS THE RESPONSIBILITY OF THE PERMITTEE TO SCHEDULE THE SOURCE TEST WITH THE DISTRICT. THE SOURCE TEST SHALL BE PERFORMED OR WITNESSED BY THE DISTRICT. EACH ANNUAL SOURCE TEST SHALL BE SEPARATED BY AT LEAST 90 DAYS FROM ANY ANNUAL SOURCE TEST PERFORMED IN A DIFFERENT PERMIT YEAR.

[RULE 1200]

14. THE OWNER OR OPERATOR OF THIS ENGINE SHALL CONDUCT PERIODIC MAINTENANCE OF ANY ENGINE USED IN THIS CRANE AS RECOMMENDED BY THE ENGINE MANUFACTURER OR AS SPECIFIED BY ANY OTHER MAINTENANCE PROCEDURE AS APPROVED IN WRITING, IN ADVANCE BY THE DISTRICT. THE PERIODIC MAINTENANCE SHALL BE CONDUCTED AT LEAST ONCE EACH CALENDAR YEAR.

[RULE 69.4.1]

15. THE OWNER OR OPERATOR OF ANY ENGINE USED IN THIS CRANE SHALL MAINTAIN AN OPERATING LOG CONTAINING AT A MINIMUM, THE FOLLOWING: TOTAL CUMULATIVE FUEL CONSUMPTION PER CALENDAR YEAR; RECORDS OF PERIODIC MAINTENANCE INCLUDING DATES MAINTENANCE WAS PERFORMED AND THE NATURE OF THE MAINTENANCE.

[RULE 69.4.1]

16. CONCENTRATION OF NOX AND CO SHALL BE MEASURED USING SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT TEST METHOD 100, AIR RESOURCES BOARD (ARB) TEST METHOD 100 OR EQUIVALENT ENVIRONMENTAL PROTECTION AGENCY (EPA) TEST METHOD. (NSR, RULE 69.4.1)

17. CONCENTRATION OF AMMONIA SHALL BE MEASURED USING BAY AREA AIR QUALITY MANAGEMENT DISTRICT (BAAQMD) METHOD ST-1B.

[RULE 69.4.1]

18. THE SULFUR CONTENT OF ANY FUEL BURNED SHALL NOT EXCEED 0.5 % BY VOL. (DRY BASIS).

[RULE 62]

19. THE EXHAUST GAS CONCENTRATION OF SULFUR COMPOUNDS, CALCULATED AS SULFUR DIOXIDE (SO2) WHILE BURNING FUEL SHALL NOT EXCEED 0.05% BY VOLUME, ON A DRY BASIS.

[RULE 53]

20. IF REQUESTED TO BE DETERMINED BY THE DISTRICT OR EPA, THE SULFUR CONTENT OF FUEL SHALL BE MEASURED IN ACCORDANCE WITH ASTM TEST METHOD D-4294.

[RULE 62]

21. IF REQUESTED TO BE TESTED BY THE DISTRICT OR EPA, THE EXHAUST CONCENTRATIONS OF SULFUR COMPOUNDS SHALL BE MEASURED IN ACCORDANCE WITH EPA METHODS 6 (C) AND 16.

[RULE 53]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

22. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).

[AIR TOXICS HOTS SPOTS]

23. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO. 950706
EXPIRES
June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
CRANE #12: CUMMINS, MODEL QST30-G1 NR1, 1030 BHP, DIESEL FIRED, TURBOCHARGED, AFTERCOOLED, S/N 37198947, ENGINE FAMILY NO. 1CEXL030.ABA, VENTED TO A DIESEL PARTICULATE FILTER AND AN ENGLEHARD SELECTIVE CATALYTIC REDUCTION SYSTEM.

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 50, 53, 62, AND 69.4.1.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

   [RULE 1421]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. THESE INSTRUCTIONS SHALL BE KEPT ONSITE.
   [RULE 69.4.1]
3. AN ENGINE IDENTICAL TO THE ONE DESCRIBED ABOVE WITH SERIAL NO. 37223631 MAY BE USED DURING TIMES WHEN THE ENGINE DESCRIBED ABOVE IS UNDERGOING MAINTENANCE. AT NO TIME SHALL THE ENGINE WITH SERIAL NO. 37223631 BE OPERATED WHEN ALL FOUR ENGINES DESCRIBED IN PERMIT TO OPERATE NOS. 950706, 921303, 975360 AND 975361 ARE IN OPERATION. [NSR]
4. THIS EQUIPMENT SHALL BE FIRED ON CALIFORNIA DIESEL FUEL ONLY.
   [RULE 69.4.1]
5. THE PERMITTEE SHALL MAINTAIN CALIFORNIA DIESEL FUEL CERTIFICATION TO SUBSTANTIATE THE USE OF THIS FUEL. THESE RECORDS SHALL BE MAINTAINED ONSITE FOR FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
   [RULE 69.4.1]
6. PERMITTEE SHALL KEEP A MANUAL OF RECOMMENDED MAINTENANCE PROVIDED BY THE MANUFACTURER, OR OTHER MAINTENANCE PROCEDURES AS APPROVED IN WRITING BY THE DISTRICT. (RULE 69.4.1)
7. THE SELECTIVE CATALYTIC REDUCTION SYSTEM (SCR) AND DIESEL PARTICULATE FILTER SHALL BE MAINTAINED IN GOOD CONDITION AND IN FULL OPERATION AT ALL TIMES WHEN THE ENGINE IS IN OPERATION.
   [RULE 69.4.1 AND NSR]
8. THE NON-RESETTABLE FUEL METER SHALL BE MAINTAINED IN GOOD WORKING ORDER AND USED FOR RECORDING TOTAL FUEL USAGE OF THIS ENGINE. THE DISTRICT'S COMPLIANCE DIVISION SHALL BE NOTIFIED PRIOR TO REPLACEMENT OF THE FUEL METER.
   [RULE 69.4.1]
9. THE FUEL CONSUMPTION FOR THIS ENGINE, AND ANY SPARE ENGINE USED IN THE SAME CRANE, SHALL NOT EXCEED 262,400 GALLONS PER CALENDAR YEAR. A DAILY LOG OFFUEL CONSUMPTION OF ANY ENGINE USED IN THIS CRANE SHALL BE MAINTAINED ON THE PREMISES. (NSR)
[NPR]
10. OXIDES OF NITROGEN (NOX) EMISSIONS FROM THIS ENGINE SHALL NOT EXCEED 53 PPM BY VOLUME, MEASURED IN THE FLUE GAS CALCULATED AT 15 PERCENT OXYGEN ON A DRY BASIS.
   [CA EXECUTIVE ORDER D-24-01]
11. CARBON MONOXIDE (CO) EMISSIONS FROM THE ENGINE SHALL NOT EXCEED 4500 PPM BY VOLUME (PPMV), MEASURED IN THE FLUE GAS AND CALCULATED AT 15 PERCENT OXYGEN ON A DRY BASIS.
   [RULE 69.4.1]

Permit Conditions Continued...
12. THE EMISSIONS OF AMMONIA FROM THE EXHAUST OF THIS EQUIPMENT SHALL NOT EXCEED 10 PPMVD CORRECTED TO 15 PERCENT OXYGEN. [RULE 1200]

13. THIS EQUIPMENT SHALL BE SOURCE TESTED ONCE EACH PERMIT YEAR (ANNUAL SOURCE TEST) TO DEMONSTRATE COMPLIANCE WITH THE EMISSION STANDARDS CONTAINED IN THIS PERMIT. FOR THE PURPOSES OF THIS PERMIT, A PERMIT YEAR IS THE 12-MONTH PERIOD ENDING ON THE LAST DAY OF THE PERMIT EXPIRATION MONTH. IT IS THE RESPONSIBILITY OF THE PERMITTEE TO SCHEDULE THE SOURCE TEST WITH THE DISTRICT. THE SOURCE TEST SHALL BE PERFORMED OR WITNESSED BY THE DISTRICT. EACH ANNUAL SOURCE TEST SHALL BE SEPARATED BY AT LEAST 90 DAYS FROM ANY ANNUAL SOURCE TEST PERFORMED IN A DIFFERENT PERMIT YEAR. (NSR, RULE 69.4.1)

14. THE OWNER OR OPERATOR OF THIS ENGINE SHALL CONDUCT PERIODIC MAINTENANCE OF THIS ENGINE AS RECOMMENDED BY THE ENGINE MANUFACTURER OR AS SPECIFIED BY ANY OTHER MAINTENANCE PROCEDURE AS APPROVED IN WRITING, IN ADVANCE BY THE DISTRICT. THE PERIODIC MAINTENANCE SHALL BE CONDUCTED AT LEAST ONCE EACH CALENDAR YEAR. [RULE 69.4.1]

15. THE OWNER OR OPERATOR OF THE ENGINE SHALL MAINTAIN AN OPERATING LOG CONTAINING AT A MINIMUM, THE FOLLOWING: TOTAL CUMULATIVE FUEL CONSUMPTION PER CALENDAR YEAR; RECORD OF PERIODIC MAINTENANCE INCLUDING DATES MAINTENANCE WAS PERFORMED AND THE NATURE OF THE MAINTENANCE. [RULE 69.4.1]

16. CONCENTRATION OF NOX AND CO SHALL BE MEASURED USING SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT TEST METHOD 100, AIR RESOURCES BOARD (ARB) TEST METHOD 100 OR EQUIVALENT ENVIRONMENTAL PROTECTION AGENCY (EPA) TEST METHOD. (NSR, RULE 69.4.1)

17. CONCENTRATION OF AMMONIA SHALL BE MEASURED USING BAY AREA AIR QUALITY MANAGEMENT DISTRICT (BAAQMD) METHOD ST-1B. [RULE 69.4.1]

18. THE SULFUR CONTENT OF ANY FUEL BURNED SHALL NOT EXCEED 0.5 % BY VOL. (DRY BASIS). [RULE 62]

19. THE EXHAUST GAS CONCENTRATION OF SULFUR COMPOUNDS, CALCULATED AS SULFUR DIOXIDE (SO2) WHILE BURNING FUEL SHALL NOT EXCEED 0.05% BY VOLUME, ON A DRY BASIS. [RULE 53]

20. IF REQUESTED TO BE DETERMINED BY THE DISTRICT OR EPA, THE SULFUR CONTENT OF FUEL SHALL BE MEASURED IN ACCORDANCE WITH ASTM TEST METHOD D-4294. [RULE 62]

21. IF REQUESTED TO BE TESTED BY THE DISTRICT OR EPA, THE EXHAUST CONCENTRATIONS OF SULFUR COMPOUNDS SHALL BE MEASURED IN ACCORDANCE WITH EPA METHODS 6 (C) AND 16. [RULE 53]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

22. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.). [AIR TOXICS HOTS SPOTS]

23. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO. 961422
EXPIRES
June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
2798 HARBOR DRIVE MS 22-A
SAN DIEGO, CA 92113-0000

EQUIPMENT ADDRESS
2798 HARBOR DRIVE
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
CRANE #8: CATERPILLAR, MODEL C-15, 563 BHP, DIESEL FIRED, TURBOCHARGED, AFTERCOOLED, S/N TBD, ENGINE FAMILY NO. 8CPXL08.8ESK, VENTED TO A JOHNSON MATTHEY CRT DIESEL PARTICULATE FILTER

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 50, 53, 62, AND 69.4.1. FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. THE PERMITTEE SHALL COMPLY WITH THE FOLLOWING APPLICABLE REQUIREMENTS: RULE 53 AND RULE 62. [RULE 1421]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES IN ACCORDANCE WITH MANUFACTURER’S INSTRUCTIONS. THESE INSTRUCTIONS SHALL BE KEPT ONSITE. [RULE 69.4.1]
3. THIS EQUIPMENT SHALL BE FIRED ON CALIFORNIA DIESEL FUEL ONLY. [RULE 69.4.1]
4. THE PERMITTEE SHALL MAINTAIN CALIFORNIA DIESEL FUEL CERTIFICATION TO SUBSTANTIATE THE USE OF THIS FUEL. THESE RECORDS SHALL BE MAINTAINED ONSITE FOR FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [RULE 69.4.1]
5. A NON-RESETTABLE ENGINE HOUR METER SHALL BE INSTALLED ON THIS ENGINE, MAINTAINED IN GOOD WORKING ORDER, AND USED FOR RECORDING ENGINE OPERATING HOURS. IF A METER IS REPLACED, THE AIR POLLUTION CONTROL DISTRICT’S COMPLIANCE DIVISION SHALL BE NOTIFIED WITHIN 10 CALENDAR DAYS. THE WRITTEN NOTIFICATION SHALL INCLUDE THE FOLLOWING INFORMATION:
   A. OLD METER’S HOUR READING;
   B. REPLACEMENT METER’S MANUFACTURER NAME, MODEL AND SERIAL NUMBER, IF AVAILABLE, AND CURRENT HOUR READING ON REPLACEMENT METER; AND
   C. COPY OF RECEIPT OF RECEIPT OF NEW METER OR OF INSTALLATION WORK ORDER. A COPY OF THE METER REPLACEMENT NOTIFICATION SHALL BE MAINTAINED ONSITE AND MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST. [RULE 69.4.1]
6. ENGINE OPERATION SHALL NOT EXCEED 6363 HOURS PER CALENDAR YEAR. THE OWNER OR OPERATOR OF THIS ENGINE SHALL MAINTAIN A MONTHLY OPERATING LOG CONTAINING, AT A MINIMUM, DATES AND TIMES OF ENGINE OPERATION. [NSR]
7. THE DIESEL PARTICULATE FILTER SHALL BE MAINTAINED IN GOOD CONDITION AND IN FULL OPERATION AT ALL TIMES WHEN THE ENGINE IS IN OPERATION. [STATIONARY DIESEL ENGINE ATCM]
8. DIESEL PARTICULATE FILTER BACKPRESSURE SHALL NOT EXCEED THE HIGH BACKPRESSURE LIMIT OF 32.4 INCHES OF WATER. THE RED WARNING LIGHT SHALL BE SET AT A MAXIMUM OF 32.4 INCHES OF WATER COLUMN. DOCUMENTATION OF THE SETTINGS FOR EACH WARNING LIGHT SHALL BE MAINTAINED WITH THE EQUIPMENT. [STATIONARY DIESEL ENGINE ATCM]
9. THE ENGINE MUST BE IMMEDIATELY SHUTDOWN AND CORRECTIVE ACTION SHALL BE TAKEN WHEN THE HIGH BACKPRESSURE LIMIT IS REACHED. [STATIONARY DIESEL ENGINE ATCM]

Permit Conditions Continued...
10. THE ENGINE SHALL BE EQUIPPED WITH A DEVICE THAT ALERTS THE OWNER OR OPERATOR PRIOR TO THE HIGH BACKPRESSURE LIMIT BEING REACHED.

[STATIONARY DIESEL ENGINE ATCM]

11. PERMITTEE SHALL KEEP A MANUAL OF RECOMMENDED MAINTENANCE PROVIDED BY THE MANUFACTURER, OR OTHER MAINTENANCE PROCEDURES AS APPROVED IN WRITING BY THE DISTRICT.

[RULE 69.4.1]

12. PERMITTEE SHALL MONITOR ALL OPERATING PARAMETERS RECOMMENDED BY THE ENGINE MANUFACTURER.

[RULE 69.4.1]

13. A NON-RESETTABLE FUEL METER SHALL BE INSTALLED AND MAINTAINED IN GOOD WORKING ORDER AND USED FOR RECORDING TOTAL FUEL USAGE OF ANY ENGINE USED IN THIS CRANE. THE DISTRICT’S COMPLIANCE DIVISION SHALL BE NOTIFIED PRIOR TO REPLACEMENT OF THE FUEL METER.

[RULE 69.4.1]

14. A DAILY LOG INDICATION OF FUEL CONSUMPTION OF ANY ENGINE USED IN THIS CRANE SHALL BE MAINTAINED ON THE PREMISES.

[RULE 69.4.1]

15. EMISSIONS OF DIESEL PARTICULATE MATTER SHALL NOT EXCEED 0.1 GRAMS PER BRAKE HORSEPOWER-HOUR (G/HBP-HR).

[STATIONARY DIESEL ENGINE ATCM]

16. THE OWNER OR OPERATOR OF THIS ENGINE SHALL CONDUCT PERIODIC MAINTENANCE OF ANY ENGINE USED IN THIS CRANE AS RECOMMENDED BY THE ENGINE MANUFACTURER OR AS SPECIFIED BY ANY OTHER MAINTENANCE PROCEDURE AS APPROVED IN WRITING, IN ADVANCE BY THE DISTRICT. THE PERIODIC MAINTENANCE SHALL BE CONDUCTED AT LEAST ONCE EACH CALENDAR YEAR.

[RULE 69.4.1]

17. THE OWNER OR OPERATOR OF ANY ENGINE USED IN THIS CRANE SHALL MAINTAIN AN OPERATING LOG CONTAINING AT A MINIMUM, THE FOLLOWING: TOTAL CUMULATIVE FUEL CONSUMPTION PER CALENDAR YEAR; RECORDS OF PERIODIC MAINTENANCE INCLUDING DATES MAINTENANCE WAS PERFORMED AND THE NATURE OF THE MAINTENANCE.

[RULE 69.4.1]

18. THE SULFUR CONTENT OF ANY FUEL BURNED SHALL NOT EXCEED 0.5 % BY VOL. (DRY BASIS).

[RULE 62]

19. THE EXHAUST GAS CONCENTRATION OF SULFUR COMPOUNDS, CALCULATED AS SULFUR DIOXIDE (SO2) WHILE BURNING FUEL SHALL NOT EXCEED 0.05% BY VOLUME, ON A DRY BASIS.

[RULE 53]

20. IF REQUESTED TO BE DETERMINED BY THE DISTRICT OR EPA, THE SULFUR CONTENT OF FUEL SHALL BE MEASURED IN ACCORDANCE WITH ASTM TEST METHOD D-4294.

[RULE 62]

21. IF REQUESTED TO BE TESTED BY THE DISTRICT OR EPA, THE EXHAUST CONCENTRATIONS OF SULFUR COMPOUNDS SHALL BE MEASURED IN ACCORDANCE WITH EPA METHODS 6 (C) AND 16.

[RULE 53]

[RULE 1421]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

22. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).

[AIR TOXICS HOT SPOTS]

22. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO. 961424
EXPIRES June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
CRANE #9: CUMMINS, MODEL QSX15-G9 NR2, 680 BHP, DIESEL FIRED, TURBOCHARGED, AFTERCOOLED, S/N 79093287, ENGINE FAMILY NO. 5CEXL015.AAB, VENTED TO A DIESEL PARTICULATE FILTER

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 50, 53, 62, AND 69.4.1. FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALEY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. THE PERMITTEE SHALL COMPLY WITH THE FOLLOWING APPLICABLE REQUIREMENTS: RULE 53 AND RULE 62. [RULE 1421]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES IN ACCORDANCE WITH MANUFACTURER’S INSTRUCTIONS. THESE INSTRUCTIONS SHALL BE KEPT ONSITE. [RULE 69.4.1]
3. AN ENGINE IDENTICAL TO THE ONE DESCRIBED ABOVE WITH SERIAL NO. 79221158 MAY BE USED DURING TIMES WHEN THE ENGINE DESCRIBED ABOVE IS UNDERGOING MAINTENANCE. AT NO TIME SHALL THE ENGINE WITH SERIAL NO. 79221158 BE OPERATED WHEN ALL FOUR ENGINES DESCRIBED IN PERMIT TO OPERATE NOS. 961424, 961425, 950705, AND 950704 ARE IN OPERATION. [NSR]
4. THIS EQUIPMENT SHALL BE FIRED ON CALIFORNIA DIESEL FUEL ONLY. [RULE 69.4.1]
5. THE PERMITTEE SHALL MAINTAIN CALIFORNIA DIESEL FUEL CERTIFICATION TO SUBSTANTIATE THE USE OF THIS FUEL. THESE RECORDS SHALL BE MAINTAINED ONSITE FOR TWO YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [RULE 69.4.1]
6. THE DIESEL PARTICULATE FILTER SHALL BE MAINTAINED IN GOOD CONDITION AND IN FULL OPERATION AT ALL TIMES WHEN THE ENGINE IS IN OPERATION. [DIESEL ATCM]
7. DIESEL PARTICULATE FILTER BACKPRESSURE SHALL NOT EXCEED THE HIGH BACKPRESSURE LIMIT OF 32.4 INCHES OF WATER (81.1 MILLIBARS). THE RED WARNING LIGHT SHALL BE SET AT A MAXIMUM OF 32.4 INCHES OF WATER COLUMN. DOCUMENTATION OF THE SETTINGS FOR EACH WARNING LIGHT SHALL BE MAINTAINED WITH THE EQUIPMENT. [DIESEL ATCM]
8. THE ENGINE MUST BE IMMEDIATELY SHUTDOWN AND CORRECTIVE ACTION SHALL BE TAKEN WHEN THE HIGH BACKPRESSURE LIMIT IS REACHED. [DIESEL ATCM]
9. THE ENGINE SHALL BE EQUIPPED WITH A DEVICE THAT ALERTS THE OWNER OR OPERATOR PRIOR TO THE HIGH BACKPRESSURE LIMIT BEING REACHED. [DIESEL ATCM]
10. A DAILY LOG INDICATION OF FUEL CONSUMPTION OF THE ENGINE SHALL BE MAINTAINED ON THE PREMISES. [NSR]
11. PERMITTEE SHALL MONITOR ALL OPERATING PARAMETERS RECOMMENDED BY THE ENGINE MANUFACTURER. [RULE 69.4.1, DIESEL ATCM]
12. A NON-RESETTABLE FUEL METER SHALL BE INSTALLED AND MAINTAINED IN GOOD WORKING ORDER AND USED FOR RECORDING TOTAL FUEL USAGE OF ANY ENGINE USED IN THIS CRANE. THE Permit Conditions Continued...
DISTRICT’S COMPLIANCE DIVISION SHALL BE NOTIFIED PRIOR TO REPLACEMENT OF THE FUEL METER.
[RULE 69.4.1]

13. PERMITTEE SHALL KEEP A MANUAL OF RECOMMENDED MAINTENANCE PROVIDED BY THE MANUFACTURER, OR OTHER MAINTENANCE PROCEDURES AS APPROVED IN WRITING BY THE DISTRICT.
[RULE 69.4.1]

14. EMISSIONS OF DIESEL PARTICULATE MATTER SHALL NOT EXCEED 0.01 GRAMS PER BRAKE HORSEPOWER-HOUR (G/BHP-HR).
[DIESEL ATCM]

15. THE OWNER OR OPERATOR OF THIS ENGINE SHALL CONDUCT PERIODIC MAINTENANCE OF ANY ENGINE USED IN THIS CRANE AS RECOMMENDED BY THE ENGINE MANUFACTURER OR AS SPECIFIED BY ANY OTHER MAINTENANCE PROCEDURE AS APPROVED IN WRITING, IN ADVANCE BY THE DISTRICT. THE PERIODIC MAINTENANCE SHALL BE CONDUCTED AT LEAST ONCE EACH CALENDAR YEAR.
[RULE 69.4.1]

16. THE OWNER OR OPERATOR OF ANY ENGINE USED IN THIS CRANE SHALL MAINTAIN AN OPERATING LOG CONTAINING AT A MINIMUM, THE FOLLOWING: TOTAL CUMULATIVE FUEL CONSUMPTION PER CALENDAR YEAR; RECORDS OF PERIODIC MAINTENANCE INCLUDING DATES MAINTENANCE WAS PERFORMED AND THE NATURE OF THE MAINTENANCE.
[RULE 69.4.1]

17. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT FOR A MINIMUM OF 5 YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1421]

18. THE SULFUR CONTENT OF ANY FUEL BURNED SHALL NOT EXCEED 0.5 % BY VOL. (DRY BASIS).
[RULE 62]

19. THE EXHAUST GAS CONCENTRATION OF SULFUR COMPOUNDS, CALCULATED AS SULFUR DIOXIDE (SO2) WHILE BURNING FUEL SHALL NOT EXCEED 0.05% BY VOLUME, ON A DRY BASIS.
[RULE 53]

20. IF MEASUREMENT IS REQUESTED BY THE DISTRICT OR EPA, THE SULFUR CONTENT OF FUEL SHALL BE MEASURED IN ACCORDANCE WITH ASTM TEST METHOD D-4294.
[RULE 62]

21. IF TESTING IS REQUESTED BY THE DISTRICT OR EPA, THE EXHAUST CONCENTRATIONS OF SULFUR COMPOUNDS SHALL BE MEASURED IN ACCORDANCE WITH EPA METHODS 6 (C) AND 16.
[RULE 53]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

22. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).
[AIR TOXICS HOTS SPOTS]

23. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT  
10124 OLD GROVE RD, SAN DIEGO, CA 92131  
(858) 586-2600 FAX (858) 586-2601  
PERMIT NO. 961425  
EXPIRES  
June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
CRANE #7: CUMMINS, MODEL QSX15-G9 NR2, 680 BHP, DIESEL FIRED, TURBOCHARGED, AFTERCOOLED, S/N 79092794, ENGINE FAMILY NO. 5CEXL015.AAB, VENTED TO A DIESEL PARTICULATE FILTER.

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 50, 53, 62, AND 69.4.1. FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. THE PERMITTEE SHALL COMPLY WITH THE FOLLOWING APPLICABLE REQUIREMENTS: RULE 53 AND RULE 62. [RULE 1421]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES IN ACCORDANCE WITH MANUFACTURER’S INSTRUCTIONS. THESE INSTRUCTIONS SHALL BE KEPT ONSITE. [RULE 69.4.1]

3. AN ENGINE IDENTICAL TO THE ONE DESCRIBED ABOVE WITH SERIAL NO. 79221158 MAY BE USED DURING TIMES WHEN THE ENGINE DESCRIBED ABOVE IS UNDERGOING MAINTENANCE. AT NO TIME SHALL THE ENGINE WITH SERIAL NO. 79221158 BE OPERATED WHEN ALL FOUR ENGINES DESCRIBED IN PERMIT TO OPERATE NOS. 961424, 961425, 950705 AND 950704 ARE IN OPERATION. [NSR]

4. THIS EQUIPMENT SHALL BE FIRED ON CALIFORNIA DIESEL FUEL ONLY. [RULE 69.4.1]

5. THE PERMITTEE SHALL MAINTAIN CALIFORNIA DIESEL FUEL CERTIFICATION TO SUBSTANTIATE THE USE OF THIS FUEL. THESE RECORDS SHALL BE MAINTAINED ONSITE FOR TWO YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [RULE 69.4.1]

6. THE DIESEL PARTICULATE FILTER SHALL BE MAINTAINED IN GOOD CONDITION AND IN FULL OPERATION AT ALL TIMES WHEN THE ENGINE IS IN OPERATION. [DIESEL ATCM]

7. DIESEL PARTICULATE FILTER BACKPRESSURE SHALL NOT EXCEED THE HIGH BACKPRESSURE LIMIT OF 32.4 INCHES OF WATER (81.1 MILLIBARS). THE RED WARNING LIGHT SHALL BE SET 32.4 INCHES OF WATER COLUMN. DOCUMENTATION OF THE SETTINGS FOR EACH WARNING LIGHT SHALL BE MAINTAINED WITH THE EQUIPMENT. [DIESEL ATCM]

8. THE ENGINE MUST BE IMMEDIATELY SHUTDOWN AND CORRECTIVE ACTION SHALL BE TAKEN WHEN THE HIGH BACKPRESSURE LIMIT IS REACHED. [DIESEL ATCM]

9. THE ENGINE SHALL BE EQUIPPED WITH A DEVICE THAT ALERTS THE OWNER OR OPERATOR PRIOR TO THE HIGH BACKPRESSURE LIMIT BEING REACHED. [DIESEL ATCM]

10. A DAILY LOG INDICATION OF FUEL CONSUMPTION OF THE ENGINE SHALL BE MAINTAINED ON THE PREMISES. [NSR]

11. PERMITTEE SHALL MONITOR ALL OPERATING PARAMETERS RECOMMENDED BY THE ENGINE MANUFACTURER. [RULE 69.4.1, DIESEL ATCM]

12. A NON-RESETTABLE FUEL METER SHALL BE INSTALLED AND MAINTAINED IN GOOD WORKING ORDER AND USED FOR RECORDING TOTAL FUEL USAGE OF ANY ENGINE USED IN THIS CRANE. THE Permit Conditions Continued...
PERMIT TO OPERATE

DISTRIBUT’S COMPLIANCE DIVISION SHALL BE NOTIFIED PRIOR TO REPLACEMENT OF THE FUEL METER.
[RULE 69.4.1]

13. PERMITTEE SHALL KEEP A MANUAL OF RECOMMENDED MAINTENANCE PROVIDED BY THE MANUFACTURER, OR OTHER MAINTENANCE PROCEDURES AS APPROVED IN WRITING BY THE DISTRICT.
[RULE 69.4.1]

14. EMISSIONS OF DIESEL PARTICULATE MATTER SHALL NOT EXCEED 0.01 GRAMS PER BRAKE HORSEPOWER-HOUR (G/BHP-HR).
[Diesel ATCM]

15. THE OWNER OR OPERATOR OF THIS ENGINE SHALL CONDUCT PERIODIC MAINTENANCE OF ANY ENGINE USED IN THIS CRANE AS RECOMMENDED BY THE ENGINE MANUFACTURER OR AS SPECIFIED BY ANY OTHER MAINTENANCE PROCEDURE AS APPROVED IN WRITING, IN ADVANCE BY THE DISTRICT. THE PERIODIC MAINTENANCE SHALL BE CONDUCTED AT LEAST ONCE EACH CALENDAR YEAR.
[RULE 69.4.1]

16. THE OWNER OR OPERATOR OF ANY ENGINE USED IN THIS CRANE SHALL MAINTAIN AN OPERATING LOG CONTAINING AT A MINIMUM, THE FOLLOWING: TOTAL CUMULATIVE FUEL CONSUMPTION PER CALENDAR YEAR; RECORDS OF PERIODIC MAINTENANCE INCLUDING DATES MAINTENANCE WAS PERFORMED AND THE NATURE OF THE MAINTENANCE.
[RULE 69.4.1]

17. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT FOR A MINIMUM OF 5 YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1421]

18. THE SULFUR CONTENT OF ANY FUEL BURNED SHALL NOT EXCEED 0.5 % BY VOL. (DRY BASIS).
[Rule 62]

19. THE EXHAUST GAS CONCENTRATION OF SULFUR COMPOUNDS, CALCULATED AS SULFUR DIOXIDE (SO2) WHILE BURNING FUEL SHALL NOT EXCEED 0.05% BY VOLUME, ON A DRY BASIS.
[Rule 53]

20. IF MEASUREMENT IS REQUESTED BY THE DISTRICT OR EPA, THE SULFUR CONTENT OF FUEL SHALL BE MEASURED IN ACCORDANCE WITH ASTM TEST METHOD D-4294.
[Rule 62]

21. IF TESTING IS REQUESTED BY THE DISTRICT OR EPA, THE EXHAUST CONCENTRATIONS OF SULFUR COMPOUNDS SHALL BE MEASURED IN ACCORDANCE WITH EPA METHODS 6 (C) AND 16.
[Rule 53]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

22. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).
[AIR TOXICS HOTS SPOTS]

23. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
CRANE #15: CUMMINS, MODEL QST30-G1 NR1, 1030 BHP, DIESEL FIRED, TURBOCHARGED, AFTERCOOLED, S/N 37197546, ENGINE FAMILY NO. 1CEXL030.ABA, VENTED TO A DIESEL PARTICULATE FILTER AND AN ENGLEHARD SELECTIVE CATALYTIC REDUCTION SYSTEM.

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 50, 53, 62, AND 69.4.1.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

[RULE 1421]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES IN ACCORDANCE WITH MANUFACTURER’S INSTRUCTIONS. THESE INSTRUCTIONS SHALL BE KEPT ONSITE.
[RULE 69.4.1]
3. AN ENGINE IDENTICAL TO THE ONE DESCRIBED ABOVE WITH SERIAL NO. 37223631 MAY BE USED DURING TIMES WHEN THE ENGINE DESCRIBED ABOVE IS UNDERGOING MAINTENANCE. AT NO TIME SHALL THE ENGINE WITH SERIAL NO. 37223631 BE OPERATED WHEN ALL FOUR ENGINES DESCRIBED IN PERMIT TO OPERATE NOS. 950706, 921303, 975360 AND 975361 ARE IN OPERATION.
[NSR]
4. THIS EQUIPMENT SHALL BE FIRED ON CALIFORNIA DIESEL FUEL ONLY.
[RULE 69.4.1]
5. THE PERMITTEE SHALL MAINTAIN CALIFORNIA DIESEL FUEL CERTIFICATION TO SUBSTANTIATE THE USE OF THIS FUEL. THESE RECORDS SHALL BE MAINTAINED ONSITE FOR TWO YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 69.4.1]
6. PERMITTEE SHALL KEEP A MANUAL OF RECOMMENDED MAINTENANCE PROVIDED BY THE MANUFACTURER, OR OTHER MAINTENANCE PROCEDURES AS APPROVED IN WRITING BY THE DISTRICT.
[RULE 69.4.1]
7. THE SELECTIVE CATALYTIC REDUCTION SYSTEM (SCR) AND DIESEL PARTICULATE FILTER SHALL BE MAINTAINED IN GOOD CONDITION AND IN FULL OPERATION AT ALL TIMES WHEN THE ENGINE IS IN OPERATION.
[NSR, DIESEL ATCM]
8. A NON-RESETTABLE FUEL METER SHALL BE INSTALLED AND MAINTAINED IN GOOD WORKING ORDER AND USED FOR RECORDING TOTAL FUEL USAGE OF ANY ENGINE USED IN THIS CRANE. THE DISTRICT’S COMPLIANCE DIVISION SHALL BE NOTIFIED PRIOR TO REPLACEMENT OF THE FUEL METER.
[RULE 69.4.1]
9. THE COMBINED FUEL CONSUMPTION FOR THE ENGINE DESCRIBED IN PERMITS TO OPERATE 975360 AND 975361, AND ANY SPARE ENGINE USED IN THE CORRESPONDING CRANES, SHALL NOT EXCEED 200,000 GALLONS PER CALENDAR YEAR. A DAILY LOG OF FUEL CONSUMPTION OF ANY ENGINE USED IN THIS CRANE SHALL BE MAINTAINED ON THE PREMISES.
[NSR]
10. OXIDES OF NITROGEN (NOX) EMISSIONS FROM THE ENGINE SHALL NOT EXCEED 54 PPM BY VOLUME (PPMV), MEASURED IN THE FLUE GAS AND CALCULATED AT 15 PERCENT OXYGEN ON A DRY BASIS.
[CA EXECUTIVE ORDER D-24-01]

Permit Conditions Continued...
11. Carbon monoxide (CO) emissions from the engine shall not exceed 4500 PPM by volume (PPMV), measured in the flue gas and calculated at 15 percent oxygen on a dry basis. [Rule 69.4.1]

12. The emissions of ammonia from the exhaust of this equipment shall not exceed 10 PPMVD corrected to 15 percent oxygen. [Rule 69.4.1]

13. This equipment shall be source tested once each permit year (annual source test) to demonstrate compliance with the emission standards contained in this permit. For the purposes of this permit, a permit year is the 12-month period ending on the last day of the permit expiration month. It is the responsibility of the permittee to schedule the source test with the district. The source test shall be performed or witnessed by the district. Each annual source test shall be separated by at least 90 days from any annual source test performed in a different permit year. [NSR, Rule 69.4.1]

14. The owner or operator of this engine shall conduct periodic maintenance of any engine used in this crane as recommended by the engine manufacturer or as specified by any other maintenance procedure as approved in writing, in advance by the district. The periodic maintenance shall be conducted at least once each calendar year. [Rule 69.4.1]

15. The owner or operator of any engine used in this crane shall maintain an operating log containing at a minimum, the following: total cumulative fuel consumption per calendar year; records of periodic maintenance including dates maintenance was performed and the nature of the maintenance. [Rule 69.4.1]

16. All records required by this permit shall be kept for a minimum of 5 years and made available to district personnel upon request. [Rule 1421]

17. The sulfur content of any fuel burned shall not exceed 0.5 % by vol. (dry basis). [Rule 62]

18. The exhaust gas concentration of sulfur compounds, calculated as sulfur dioxide (SO2) while burning fuel shall not exceed 0.05% by volume, on a dry basis. [Rule 53]

19. If requested to be measured by the district or EPA, the sulfur content of fuel shall be measured in accordance with ASTM test method D-4294. [Rule 62]

20. If requested to be tested by the district or EPA, the exhaust concentrations of sulfur compounds shall be measured in accordance with EPA methods 6 (C) and 16. [Rule 53]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

21. The permittee, shall upon determination of applicability and written notification by the district, comply with all applicable requirements of the Air Toxics 'Hot Spots' Information and Assessment Act (California Health and Safety Code Section 44300 et. seq.). [Air Toxics Hots Spots]

22. This air pollution control district permit does not relieve the holder from obtaining permits or authorization required by other governmental agencies.
PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
CRANE #16: CUMMINS, MODEL QST30-G1 NR1, 1030 BHP, DIESEL FIRED, TURBOCHARGED, AFTERCOOLED, S/N 37197383, ENGINE FAMILY NO. 1CEXL030.ABA, VENTED TO A DIESEL PARTICULATE FILTER AND AN ENGLEHARD SELECTIVE CATALYTIC REDUCTION SYSTEM.

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 50, 53, 62, AND 69.4.1.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. THE PERMITTEE SHALL COMPLY WITH THE FOLLOWING APPLICABLE REQUIREMENTS: RULE 53 AND RULE 62. [RULE 1421]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES IN ACCORDANCE WITH MANUFACTURER’S INSTRUCTIONS. THESE INSTRUCTIONS SHALL BE KEPT ONSITE. [RULE 69.4.1]

3. AN ENGINE IDENTICAL TO THE ONE DESCRIBED ABOVE WITH SERIAL NO. 37223631 MAY BE USED DURING TIMES WHEN THE ENGINE DESCRIBED ABOVE IS UNDERGOING MAINTENANCE. AT NO TIME SHALL THE ENGINE WITH SERIAL NO. 37223631 BE OPERATED WHEN ALL FOUR ENGINES DESCRIBED IN PERMIT TO OPERATE NOS. 950706, 921303, 975360 AND 975361 ARE IN OPERATION. [NSR]

4. THIS EQUIPMENT SHALL BE FIRED ON CALIFORNIA DIESEL FUEL ONLY. [RULE 69.4.1]

5. THE PERMITTEE SHALL MAINTAIN CALIFORNIA DIESEL FUEL CERTIFICATION TO SUBSTANTIATE THE USE OF THIS FUEL. THESE RECORDS SHALL BE MAINTAINED ONSITE FOR TWO YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [RULE 69.4.1]

6. PERMITTEE SHALL KEEP A MANUAL OF RECOMMENDED MAINTENANCE PROVIDED BY THE MANUFACTURER, OR OTHER MAINTENANCE PROCEDURES AS APPROVED IN WRITING BY THE DISTRICT. [RULE 69.4.1]

7. THE SELECTIVE CATALYTIC REDUCTION SYSTEM (SCR) AND DIESEL PARTICULATE FILTER SHALL BE MAINTAINED IN GOOD CONDITION AND IN FULL OPERATION AT ALL TIMES WHEN THE ENGINE IS IN OPERATION. [NSR, DIESEL ATCM]

8. A NON-RESETTABLE FUEL METER SHALL BE INSTALLED AND MAINTAINED IN GOOD WORKING ORDER AND USED FOR RECORDING TOTAL FUEL USAGE OF ANY ENGINE USED IN THIS CRANE. THE DISTRICT’S COMPLIANCE DIVISION SHALL BE NOTIFIED PRIOR TO REPLACEMENT OF THE FUEL METER. [RULE 69.4.1]

9. THE COMBINED FUEL CONSUMPTION FOR THE ENGINE DESCRIBED IN PERMITS TO OPERATE 975360 AND 975361, AND ANY SPARE ENGINE USED IN THE CORRESPONDING CRANES, SHALL NOT EXCEED 200,000 GALLONS PER CALENDAR YEAR. A DAILY LOG OF FUEL CONSUMPTION OF ANY ENGINE USED IN THIS CRANE SHALL BE MAINTAINED ON THE PREMISES. [NSR]

10. OXIDES OF NITROGEN (NOX) EMISSIONS FROM THE ENGINE SHALL NOT EXCEED 54 PPM BY VOLUME (PPMV), MEASURED IN THE FLUE GAS AND CALCULATED AT 15 PERCENT OXYGEN ON A DRY BASIS. [CA EXECUTIVE ORDER D-24-01]
PERMIT TO OPERATE

11. CARBON MONOXIDE (CO) EMISSIONS FROM THE ENGINE SHALL NOT EXCEED 4500 PPM BY VOLUME (PPMV), MEASURED IN THE FLUE GAS AND CALCULATED AT 15 PERCENT OXYGEN ON A DRY BASIS. [RULE 69.4.1]

12. THE EMISSIONS OF AMMONIA FROM THE EXHAUST OF THIS EQUIPMENT SHALL NOT EXCEED 10 PPMVD CORRECTED TO 15 PERCENT OXYGEN. [RULE 69.4.1]

13. THIS EQUIPMENT SHALL BE SOURCE TESTED ONCE EACH PERMIT YEAR (ANNUAL SOURCE TEST) TO DEMONSTRATE COMPLIANCE WITH THE EMISSION STANDARDS CONTAINED IN THIS PERMIT. FOR THE PURPOSES OF THIS PERMIT, A PERMIT YEAR IS THE 12-MONTH PERIOD ENDING ON THE LAST DAY OF THE PERMIT EXPIRATION MONTH. IT IS THE RESPONSIBILITY OF THE PERMITTEE TO SCHEDULE THE SOURCE TEST WITH THE DISTRICT. THE SOURCE TEST SHALL BE PERFORMED OR WITNESSED BY THE DISTRICT. EACH ANNUAL SOURCE TEST SHALL BE SEPARATED BY AT LEAST 90 DAYS FROM ANY ANNUAL SOURCE TEST PERFORMED IN A DIFFERENT PERMIT YEAR. [NSR, RULE 69.4.1]

14. THE OWNER OR OPERATOR OF THIS ENGINE SHALL CONDUCT PERIODIC MAINTENANCE OF ANY ENGINE USED IN THIS CRANE AS RECOMMENDED BY THE ENGINE MANUFACTURER OR AS SPECIFIED BY ANY OTHER MAINTENANCE PROCEDURE AS APPROVED IN WRITING, IN ADVANCE BY THE DISTRICT. THE PERIODIC MAINTENANCE SHALL BE CONDUCTED AT LEAST ONCE EACH CALENDAR YEAR. [RULE 69.4.1]

15. THE OWNER OR OPERATOR OF ANY ENGINE USED IN THIS CRANE SHALL MAINTAIN AN OPERATING LOG CONTAINING AT A MINIMUM, THE FOLLOWING: TOTAL CUMULATIVE FUEL CONSUMPTION PER CALENDAR YEAR; RECORDS OF PERIODIC MAINTENANCE INCLUDING DATES MAINTENANCE WAS PERFORMED AND THE NATURE OF THE MAINTENANCE. [RULE 69.4.1]

16. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT FOR A MINIMUM OF 5 YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. [RULE 1421]

17. THE SULFUR CONTENT OF ANY FUEL BURNED SHALL NOT EXCEED 0.5 % BY VOL. (DRY BASIS). [RULE 62]

18. THE EXHAUST GAS CONCENTRATION OF SULFUR COMPOUNDS, CALCULATED AS SULFUR DIOXIDE (SO2) WHILE BURNING FUEL SHALL NOT EXCEED 0.05% BY VOLUME, ON A DRY BASIS. [RULE 53]

19. IF REQUESTED TO BE MEASURED BY THE DISTRICT OR EPA, THE SULFUR CONTENT OF FUEL SHALL BE MEASURED IN ACCORDANCE WITH ASTM TEST METHOD D-4294. [RULE 62]

20. IF REQUESTED TO BE TESTED BY THE DISTRICT OR EPA, THE EXHAUST CONCENTRATIONS OF SULFUR COMPOUNDS SHALL BE MEASURED IN ACCORDANCE WITH EPA METHODS 6 (C) AND 16. [RULE 53]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

21. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ’HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.). [AIR TOXICS HOTS SPOTS]

22. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO. 860672
EXPIRES
June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
EMERGENCY DIESEL ENGINE/GENERATOR SET: CATERPILLAR MODEL 3412, 510 HP, 350 KW, TURBOCHARGED, AFTERCOOLED.

FS: 34C01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 53, 62, AND 69.4.1. FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. THE PERMITTEE SHALL COMPLY WITH THE FOLLOWING APPLICABLE REQUIREMENTS: RULE 53 AND RULE 62. [RULE 1421]
2. THIS EQUIPMENT SHALL BE FIRED ON CALIFORNIA DIESEL FUEL ONLY. [RULE 69.4.1]
3. THE PERMITTEE SHALL MAINTAIN CALIFORNIA DIESEL FUEL CERTIFICATION TO SUBSTANTIATE THE USE OF THIS FUEL. THESE RECORDS SHALL BE MAINTAINED ON SITE FOR FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [RULE 69.4.1]
4. A DAILY LOG OF THE HOURS OF OPERATION OF THE EMERGENCY ENGINE-GENERATOR SET SHALL BE MAINTAINED ON THE PREMISES AND BE MADE AVAILABLE FOR INSPECTION BY THE DISTRICT UPON REQUEST. [RULE 69.4.1]
5. THE ENGINE SHALL BE OPERATED ONLY DURING EMERGENCY SITUATIONS AND FOR NOT MORE THAN 100 HOURS PER CALENDAR YEAR FOR MAINTENANCE PURPOSES ONLY. [RULE 69.4.1]
6. OPERATION FOR OTHER THAN MAINTENANCE PURPOSES SHALL BE LIMITED TO ACTUAL INTERRUPTIONS OF POWER FROM THE SERVING UTILITY AND, IN EACH INSTANCE, BE DOCUMENTED TO THE SATISFACTION OF THE AIR POLLUTION CONTROL OFFICER. [RULE 69.4.1]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

7. THE ENGINE SHALL BE EQUIPPED WITH A NON-RESETTABLE ELAPSED OPERATING TIME METER. [RULE 69.4.1]
8. PERMITTEE SHALL CONDUCT MAINTENANCE OF THE ENGINE, IN ACCORDANCE WITH THE MAINTENANCE PROCEDURES RECOMMENDED BY THE ENGINE MANUFACTURER OR APPROVED BY THE DISTRICT, AT LEAST ONCE EACH CALENDAR YEAR. [RULE 69.4.1]
9. PERMITTEE SHALL MAINTAIN A COPY OF THE MAINTENANCE PROCEDURES RECOMMENDED BY THE ENGINE MANUFACTURER OR OTHER MAINTENANCE PROCEDURES APPROVED IN WRITING BY DISTRICT. [RULE 69.4.1]
10. PERMITTEE SHALL MAINTAIN A MAINTENANCE LOG WHICH INDICATES THE DATES AND NATURE OF ALL MAINTENANCE PERFORMED ON THE ENGINE. [RULE 69.4.1]
11. IF THE TOTAL HOURS OF ENGINE OPERATION EXCEED 100 HOURS IN A CALENDAR YEAR, PERMITTEE SHALL MAINTAIN CALENDAR YEAR RECORDS WHICH INDICATE THE DATES AND CUMULATIVE HOURS OF OPERATION, WHETHER OPERATION WAS FOR EMERGENCY OR NON-EMERGENCY PURPOSES, AND THE NATURE OF THE EMERGENCY, IF KNOWN.
12. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).

13. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
EMERGENCY DIESEL ENGINE/GENERATOR SET: CATERPILLAR MODEL 3412, 510 HP, 350 KW, TURBOCHARGED, AFTERCOOLED.

FS: 34C01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 53, 62, AND 69.4.1. FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. THE PERMITTEE SHALL COMPLY WITH THE FOLLOWING APPLICABLE REQUIREMENTS: RULE 53 AND RULE 62. [RULE 1421]
2. THIS EQUIPMENT SHALL BE FIRED ON CALIFORNIA DIESEL FUEL ONLY. [RULE 69.4.1]
3. THE PERMITTEE SHALL MAINTAIN CALIFORNIA DIESEL FUEL CERTIFICATION TO SUBSTANTIATE THE USE OF THIS FUEL. THESE RECORDS SHALL BE MAINTAINED ONSITE FOR FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [RULE 69.4.1]
4. A DAILY LOG OF THE HOURS OF OPERATION OF THE EMERGENCY ENGINE-GENERATOR SET SHALL BE MAINTAINED ON THE PREMISES AND BE MADE AVAILABLE FOR INSPECTION BY THE DISTRICT UPON REQUEST. SHIPBOARD OPERATION IS EXEMPT FROM THESE LISTED PERMIT CONDITIONS BUT SHOULD BE LOGGED TO HELP DEFINE MAINTENANCE AND EMERGENCY USE. [RULE 69.4.1]
5. THE ENGINE SHALL BE OPERATED ONLY DURING EMERGENCY SITUATIONS AND FOR NOT MORE THAN 100 HOURS PER CALENDAR YEAR FOR MAINTENANCE PURPOSES ONLY. [RULE 69.4.1]
6. OPERATION FOR OTHER THAN MAINTENANCE PURPOSES SHALL BE LIMITED TO ACTUAL INTERRUPTIONS OF POWER FROM THE SERVING UTILITY AND, IN EACH INSTANCE, BE DOCUMENTED TO THE SATISFACTION OF THE AIR POLLUTION CONTROL OFFICER. [RULE 69.4.1]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

7. THE ENGINE SHALL BE EQUIPPED WITH A NON-RESETTABLE ELAPSED OPERATING TIME METER. [RULE 69.4.1]
8. PERMITTEE SHALL CONDUCT MAINTENANCE OF THE ENGINE, IN ACCORDANCE WITH THE MAINTENANCE PROCEDURES RECOMMENDED BY THE ENGINE MANUFACTURER OR APPROVED BY THE DISTRICT, AT LEAST ONCE EACH CALENDAR YEAR. [RULE 69.4.1]
9. PERMITTEE SHALL MAINTAIN A COPY OF THE MAINTENANCE PROCEDURES RECOMMENDED BY THE ENGINE MANUFACTURER OR OTHER MAINTENANCE PROCEDURES APPROVED IN WRITING BY DISTRICT. [RULE 69.4.1]
10. PERMITTEE SHALL MAINTAIN A MAINTENANCE LOG WHICH INDICATES THE DATES AND NATURE OF ALL MAINTENANCE PERFORMED ON THE ENGINE. [RULE 69.4.1]
11. IF THE TOTAL HOURS OF ENGINE OPERATION EXCEED 100 HOURS IN A CALENDAR YEAR, PERMITTEE SHALL MAINTAIN CALENDAR YEAR RECORDS WHICH INDICATE THE DATES AND CUMULATIVE HOURS OF
OPERATION, WHETHER OPERATION WAS FOR EMERGENCY OR NON-EMERGENCY PURPOSES, AND THE NATURE OF THE EMERGENCY, IF KNOWN.

[RULE 69.4.1]

12. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).

[AIR TOXICS HOTS SPOTS]

13. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
EMERGENCY DIESEL ENGINE/GENERATOR SET: CATERPILLAR MODEL 3412, 510 HP, 350 KW, TURBOCHARGED, AFTERCOOLED.

PERMIT NO. 860674
EXPIRES June 15, 2016

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 53, 62, AND 69.4.1.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. THE PERMITTEE SHALL COMPLY WITH THE FOLLOWING APPLICABLE REQUIREMENTS: RULE 53 AND RULE 62. [RULE 1421]

2. THIS EQUIPMENT SHALL BE FIRED ON CALIFORNIA DIESEL FUEL ONLY. [RULE 69.4.1]

3. THE PERMITTEE SHALL MAINTAIN CALIFORNIA DIESEL FUEL CERTIFICATION TO SUBSTANTIATE THE USE OF THIS FUEL. THESE RECORDS SHALL BE MAINTAINED ONSITE FOR FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [RULE 69.4.1]

4. A DAILY LOG OF THE HOURS OF OPERATION OF THE EMERGENCY ENGINE-GENERATOR SET SHALL BE MAINTAINED ON THE PREMISES AND BE MADE AVAILABLE FOR INSPECTION BY THE DISTRICT UPON REQUEST. SHIPBOARD OPERATION IS EXEMPT FROM THESE LISTED PERMIT CONDITIONS BUT SHOULD BE LOGGED TO HELP DEFINE MAINTENANCE AND EMERGENCY USE. [RULE 69.4.1]

5. THE ENGINE SHALL BE OPERATED ONLY DURING EMERGENCY SITUATIONS AND FOR NOT MORE THAN 100 HOURS PER CALENDAR YEAR FOR MAINTENANCE PURPOSES ONLY. [RULE 69.4.1]

6. OPERATION FOR OTHER THAN MAINTENANCE PURPOSES SHALL BE LIMITED TO ACTUAL INTERRUPTIONS OF POWER FROM THE SERVING UTILITY AND, IN EACH INSTANCE, BE DOCUMENTED TO THE SATISFACTION OF THE AIR POLLUTION CONTROL OFFICER. [RULE 69.4.1]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

7. THE ENGINE SHALL BE EQUIPPED WITH A NON-RESETTABLE ELAPSED OPERATING TIME METER. [RULE 69.4.1]

8. PERMITTEE SHALL CONDUCT MAINTENANCE OF THE ENGINE, IN ACCORDANCE WITH THE MAINTENANCE PROCEDURES RECOMMENDED BY THE ENGINE MANUFACTURER OR APPROVED BY THE DISTRICT, AT LEAST ONCE EACH CALENDAR YEAR. [RULE 69.4.1]

9. PERMITTEE SHALL MAINTAIN A COPY OF THE MAINTENANCE PROCEDURES RECOMMENDED BY THE ENGINE MANUFACTURER OR OTHER MAINTENANCE PROCEDURES APPROVED IN WRITING BY DISTRICT. [RULE 69.4.1]

10. PERMITTEE SHALL MAINTAIN A MAINTENANCE LOG WHICH INDICATES THE DATES AND NATURE OF ALL MAINTENANCE PERFORMED ON THE ENGINE. [RULE 69.4.1]

11. IF THE TOTAL HOURS OF ENGINE OPERATION EXCEED 100 HOURS IN A CALENDAR YEAR, PERMITTEE SHALL MAINTAIN CALENDAR YEAR RECORDS WHICH INDICATE THE DATES AND CUMULATIVE HOURS OF
OPERATION, WHETHER OPERATION WAS FOR EMERGENCY OR NON-EMERGENCY PURPOSES, AND THE NATURE OF THE EMERGENCY, IF KNOWN.

12. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).

13. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
EMERGENCY DIESEL ENGINE/GENERATOR SET: JOHN DEERE, MODEL 6068HF485, MODEL YEAR 2008, 315 BHP, ENGINE FAMILY NO. 8JDXL06.8101, 180 KW, TURBOCHARGED, AFTERCOOLED.

FS: 34C01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 53, 62, AND 69.4.1. FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. THE PERMITTEE SHALL COMPLY WITH THE FOLLOWING APPLICABLE REQUIREMENTS: RULE 53 AND RULE 62. [RULE 1421]
2. ENGINE OPERATION FOR MAINTENANCE AND TESTING PURPOSES SHALL NOT EXCEED 50 HOURS PER CALENDAR YEAR. (ATCM REPORTABLE) [17 CCR §93115]
3. THIS ENGINE SHALL USE ONLY CARB DIESEL FUEL. [RULE 69.4.1, 17 CCR §93115]
4. VISIBLE EMISSIONS INCLUDING CRANK CASE SMOKE SHALL COMPLY WITH AIR POLLUTION CONTROL DISTRICT RULE 50. [RULE 50]
5. THE EQUIPMENT DESCRIBED ABOVE SHALL NOT CAUSE OR CONTRIBUTE TO PUBLIC NUISANCE. [RULE 51]
6. THIS ENGINE SHALL NOT OPERATE FOR NON-EMERGENCY USE DURING THE FOLLOWING PERIODS, AS APPLICABLE:
   A. WHENEVER THERE IS ANY SCHOOL SPONSORED ACTIVITY, IF ENGINE IS LOCATED ON SCHOOL GROUNDS; OR
   B. BETWEEN 7:30 AM AND 3:30 PM ON DAYS WHEN SCHOOL IS IN SESSION, IF THE ENGINE IS LOCATED WITHIN 500 FEET OF, BUT NOT ON, SCHOOL GROUNDS.
   RECORDS SHALL BE MAINTAINED TO INDICATE THE TIME OF DAY (START AND STOP) THE ENGINE WAS OPERATED FOR TESTING AND MAINTENANCE PURPOSES FOR ANY ENGINE SUBJECT TO THE LIMITATIONS SPECIFIED IN A AND B ABOVE. THIS CONDITION SHALL NOT APPLY TO AN ENGINE LOCATED AT OR NEAR ANY SCHOOL GROUNDS THAT ALSO SERVE AS THE STUDENTS PLACE OF RESIDENCE. [RULE 69.4.1]
7. ENGINE OPERATION IN RESPONSE TO NOTIFICATION OF AN IMPENDING ROTATING OUTAGE, SHALL BE RESTRICTED TO THE FOLLOWING CONDITIONS:
   A. THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED.
   B. THE ENGINE IS OPERATED NO MORE THAN 30 MINUTES PRIOR TO THE TIME WHEN THE UTILITY DISTRIBUTION COMPANY OFFICIALLY FORECASTS A ROTATING OUTAGE IN THE CITED CONTROL AREA, AND
   C. THE ENGINE OPERATION IS TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IN EFFECT.
   THIS CONDITION SHALL NOT APPLY TO ENGINES OPERATING PURSUANT TO THE ROLLING BLACKOUT REDUCTION PROGRAM AS DEFINED IN 17 CCR 93115 AND OPERATING IN ACCORDANCE WITH 17 CCR 93115(E)(2)(F). (ATCM REPORTABLE) [17 CCR §93115]
8. A NON-RESETTABLE ENGINE HOUR METER SHALL BE INSTALLED ON THIS ENGINE, MAINTAINED IN GOOD WORKING ORDER, AND USED FOR RECORDING ENGINE OPERATING HOURS. IF A METER IS REPLACED,
THE AIR POLLUTION CONTROL DISTRICT'S COMPLIANCE DIVISION SHALL BE NOTIFIED WITHIN 10 CALENDAR DAYS. THE WRITTEN NOTIFICATION SHALL INCLUDE THE FOLLOWING INFORMATION:

A. OLD METER’S HOUR READING
B. REPLACEMENT METER’S MANUFACTURER NAME, MODEL AND SERIAL NUMBER, IF AVAILABLE, AND CURRENT HOUR READING ON REPLACEMENT METER; AND
C. COPY OF RECEIPT OF NEW METER OR OF INSTALLATION WORK ORDER. A COPY OF THE METER REPLACEMENT NOTIFICATION SHALL BE MAINTAINED ONSITE AND MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST.

[RULE 69.4.1, 17 CCR §93115]

9. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT PERIODIC MAINTENANCE OF THIS ENGINE, AND ANY ADD-ON CONTROL EQUIPMENT, AS APPLICABLE, AS RECOMMENDED BY THE ENGINE AND CONTROL EQUIPMENT MANUFACTURERS OR AS SPECIFIED BY ANY OTHER MAINTENANCE PROCEDURE APPROVED IN WRITING BY THE DISTRICT. THIS PERIODIC MAINTENANCE SHALL BE PERFORMED AT LEAST ONCE EACH CALENDAR YEAR.

[RULE 69.4.1]

10. THE OWNER OR OPERATOR OF THE ENGINE SHALL MAINTAIN THE FOLLOWING RECORDS ONSITE FOR AT LEAST THE SAME PERIOD OF TIME AS THE ENGINE TO WHICH THE RECORDS APPLY IS LOCATED AT THE SITE:

A. CARB DIESEL FUEL CERTIFICATION;
B. MANUAL OF RECOMMENDED MAINTENANCE PROVIDED BY THE MANUFACTURER, OR MAINTENANCE PROCEDURES SPECIFIED BY THE ENGINE SERVICING COMPANY; AND
C. RECORDS OF ANNUAL ENGINE MAINTENANCE, INCLUDING DATE THE MAINTENANCE WAS PERFORMED.

THESE RECORDS SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST.

[RULE 69.4.1, 17 CCR §93115]

11. THE OWNER OR OPERATOR OF THIS ENGINE SHALL MAINTAIN A MONTHLY OPERATING LOG CONTAINING, AT A MINIMUM, THE FOLLOWING:

A. DATES AND TIMES OF ENGINE OPERATION, INDICATING WHETHER THE OPERATION WAS FOR MAINTENANCE PURPOSES OR EMERGENCY USE AND THE NATURE OF THE EMERGENCY, IF KNOWN;
B. HOURS OF OPERATION FOR ALL USES OTHER THAN SPECIFIED ABOVE AND IDENTIFICATION OF THE NATURE OF THAT USE

[RULE 69.4.1, 17 CCR §93115]

12. ALL OPERATIONAL AND MAINTENANCE LOGS AND FUEL USE AND TYPE AND PURCHASE RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT FOR A MINIMUM OF 36 MONTHS FROM THEIR DATE OF CREATION UNLESS OTHERWISE INDICATED BY THE CONDITIONS OF THIS PERMIT. THE RECORDS SHALL BE MAINTAINED FOR A MINIMUM OF 24 MONTHS FROM THEIR DATE OF CREATION. RECORDS FOR THE LAST 24 MONTHS OF OPERATION SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST. RECORDS FOR OPERATION FOR THE LAST 25 TO 36 MONTHS SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT WITHIN 5 WORKING DAYS OF REQUEST.

[RULE 69.4.1, 17 CCR §93115]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS


[AIR TOXICS HOTS SPOTS]

14. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO. 900256
EXPIRES
June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
FIBER GLASS MACHINING FACILITY: VARIOUS HAND AND MOTOR TOOLS; PLASTIC SHROUDING OF THE WORK AREA (ADJUSTABLE ROOM) WITH A FILTERED VENTILATION SYSTEM, CONTROL RESOURCE SYSTEMS, INC., MODEL 2000, WITH PRE-FILTER AND FINAL HEPA FILTER; PORTABLE VACUUM CLEANER WITH FINE DUST FILTRATION KIT W/ FILTER BAG, ONE(1) TORIT DONALDSON DUST COLLECTOR MODEL DFO 1-1, S/N 2230857.

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 50, 51, AND 52. FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. PERMITTEE SHALL COMPLY WITH RULE 52.
   [RULE 1421]
2. AIR POLLUTION CONTROL EQUIPMENT SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AND SHALL BE IN FULL OPERATION IN ACCORDANCE WITH MANUFACTURER’S INSTRUCTIONS AT ALL TIMES WHEN THE PROCESS EQUIPMENT IS IN OPERATION. THE MANUFACTURER’S INSTRUCTIONS SHALL BE MAINTAINED ON SITE AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
   [RULE 51 AND RULE 52]
3. ALL PROCESS EQUIPMENT SHALL BE MAINTAINED AND OPERATED SO THAT THERE IS NO LEAKAGE OF AIR CONTAMINANTS TO THE ATMOSPHERE PRIOR TO THEIR TREATMENT IN THE AIR POLLUTION CONTROL SYSTEM.
   [RULE 51 AND RULE 52]
4. ALL FIBER GLASS MACHINING SHALL BE IN A SEALED ENCLOSURE WITH A FILTERED EXHAUST VENT AND A CONTROLLED AIR INLET TO PREVENT FUGITIVE DUST EMISSIONS.
   [RULE 51]
5. THE GLASS FIBER MACHINING ROOM SHALL BE VACUUMED DAILY.
   [RULE 51]
6. BEFORE THE ENCLOSURE IS MOVED, THE INTERIOR OF THE ENCLOSURE SHALL BE VACUUMED USING A BRUSH ATTACHMENT.
   [RULE 51]
7. MEASURES SHALL BE TAKEN TO PREVENT CARRYING OUT OF DUST FROM THE ENCLOSURE.
   [RULE 51]
8. AIR DUCTS AND THE AIR POLLUTION CONTROL DEVICE SHALL BE INSPECTED, CLEANED AND REPAIRED NO LESS FREQUENTLY THAN ON 6 MONTH INTERVALS. THE DATE THAT EQUIPMENT IS INSPECTED, CLEANED OR REPAIRED SHALL BE RECORDED IN AN INSPECTION/MAINTENANCE LOG BOOK, WHICH SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
   [RULE 51 AND RULE 52]
   [RULE 51 AND RULE 52]
10. ALL VENTILATION AIR AND ALL VACUUM AIR SHALL PASS THROUGH A FILTER THAT IS AT LEAST 95 PERCENT EFFICIENT BY A.S.H.R.A.E. STANDARDS (OR EQUIVALENT).
   [RULE 51 AND RULE 52]
11. THIS EQUIPMENT SHALL NOT BE USED UNLESS THE FILTERS ARE INSTALLED AND SEALED ON ALL FOUR EDGES TO PREVENT CONTAMINATED AIR FROM BYPASSING THE FILTERS.

Permit Conditions Continued...
PERMIT TO OPERATE

[Rule 51 and Rule 52]

12. The removal and cleaning of the filters and screens, and the disposal of the dust, shall be done in a careful manner to minimize dust emissions to the atmosphere.

[Rule 51]

13. All fiberglass particulate collected for disposal shall be stored in a sealed container pending disposal. There shall be no open disposal of fiberglass particulate.

[Rule 51]

B. District-Only--Enforceable Conditions

14. The permittee, shall upon determination of applicability and written notification by the district, comply with all applicable requirements of the air toxics ‘hot spots’ information and assessment act (California Health and Safety Code Section 44300 et. seq.).

[Air Toxics Hots Spots]

15. This air pollution control district permit does not relieve the holder from obtaining permits or authorization required by other governmental agencies.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO. 7657
EXPIRES June 15, 2016

PERMIT TO OPERATE

The following is hereby granted a permit to operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location, except for portable equipment. Rule 10c requires this permit to operate or copy be posted on or within 25 feet of the equipment, or maintained readily available at all times on the operating premises.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION

Marine Coating Operations: Outside Paint Application Station (Over 30,000 Gals/Yr and One (1) Metzger Semi-Automated Priming Line 22’6”x15’x17’D, Model #H-3200 Equipped with Pneumatic Driving Mechanism and Water Curtain Vented to One (1) Tellkamp Systems, Inc. Model 10 Roxidizer Regenerative Thermal Oxidizer 10,000 SCFM Cap., Equipped with High Temp Limiters, Operating Interface and Temp Recorders; and Sanborn Turbo Separator Model T18-2 Self-Cleaning Centrifuge.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District Rules, including but not limited to Rule(s) 67.18 and NESHAP Subpart II. Failure to operate in compliance is a misdemeanor and is subject to civil and criminal penalties.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Permittee shall operate the coating operations described above in compliance with all applicable standards of Rule 67.18 Section (D), including surface preparation and cleanup requirements, coating VOC limits and application equipment cleanup requirements. [Rule 67.18]

2. Permittee shall maintain records for the coating operations described above in accordance with all applicable requirements of Rule 67.18 Section (F). [Rule 67.18]

3. Primer line usage records shall be maintained on site on a daily basis and be made available to the district upon request. Daily records shall at a minimum contain the following information: the type of substrate coated (metal parts, aerospace component, etc.), the type of coating applied (basecoat, hardener, thinner, clean-up, etc., including the manufacturer's identification number), mix ratios and the volumes of each material containing volatile organic compounds (VOC) used. [Rule 67.18]

4. The permittee will have available on site pressure gauge(s) in proper operating condition to measure the air cap pressure of coating application equipment or have available manufacturer's technical information showing the correlation between the handle air inlet pressure and the air cap pressure. If the correlation option specified above is chosen to demonstrate compliance, a handle air inlet pressure gauge will be required on site in proper operating condition to measure the handle air inlet pressure. The permittee shall maintain a permanent air pressure at the air cap in the range of 0.1 to 10 psig. This condition applies only to those operations which claim the use of high volume low pressure (HVLP) application equipment to comply with district rules. [Rule 67.18]

5. If requested by the district or EPA, the applicable test methods listed in Rule 67.18 Section (G) shall be used to determine coating VOC content. [Rule 67.18]

6. Permittee shall operate the marine coating operations described above in compliance with all applicable standards of 40 CFR Part 63.783, including coating Vohap limits and coating handling, transfer, and container requirements. [40 CFR Part 63 Subpart II]

7. Permittee shall maintain records and make reports for the coating operations described above in accordance with all applicable requirements of 40 CFR Part 63.788. Such records
8. THE APPLICABLE TEST METHODS LISTED IN 40 CFR PART 63.786 SHALL BE USED TO DETERMINE COATING VOHAP CONTENT. [40 CFR PART 63 SUBPART II]

9. COMBINED MAXIMUM POST-CONTROL VOC EMISSIONS FROM PERMIT TO OPERATE NO. 972497 AND THE PRIMER LINE ASSOCIATED WITH PERMIT TO OPERATE NO. 7657, SHALL NOT EXCEED 191.4 LBS PER DAY AND 19.4 TONS IN ANY CONSECUTIVE 12-MONTH PERIOD. [NSR]


11. THE THERMAL OXIDIZER TEMPERATURE SHALL BE MAINTAINED ABOVE 1400 DEGREES FAHRENHEIT AT ALL TIMES WHEN THE COATING LINE IS OPERATED, OR WHEN THE COATING OR MIXING EQUIPMENT ARE BEING CLEANED OR MAINTAINED USING VOC CONTAINING MATERIALS. HOURLY THERMAL OXIDIZER EXHAUST TEMPERATURES SHALL BE MAINTAINED, AND THE RECORDS SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. THESE RECORDS SHALL BE KEPT FOR AT LEAST THREE YEARS. [RULE 67.18]


13. THE AIR POLLUTION CONTROL DEVICE DESCRIBED ABOVE SHALL BE OPERATED AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS, EXCEPT AS OTHERWISE SPECIFIED BY THE DISTRICT. THESE INSTRUCTIONS SHALL BE KEPT ONSITE AND BE MADE READILY AVAILABLE TO THE DISTRICT UPON REQUEST. THE AIR POLLUTION CONTROL DEVICE SHALL BE IN OPERATION WHenever THE PRIMER LINE IS IN OPERATION. [RULE 67.18]

14. THERE SHALL BE NO AIR EMISSION LEAKS ALONG THE AIR POLLUTION EQUIPMENT TRANSFER PATH (PIPING, FLANGES, VALVES, BLOWERS, PIPE FITTINGS, ETC.), WHICH RESULT IN CONCENTRATIONS OF 500 PARTS PER MILLION OR GREATER BY VOLUME, MEASURED AS PROPANE AT A DISTANCE OF 1/2 INCH FROM THE TRANSFER PATH OTHER THAN NON-REPEATABLE, MOMENTARY READINGS. [RULE 67.18]

15. PERMITTEE SHALL MAINTAIN CURRENT MSDS’S OR MANUFACTURER’S SPECIFICATIONS ON-SITE WHICH IDENTIFY THE VOC CONTENT, VAPOR PRESSURE OR INITIAL BOILING POINT, AS APPLICABLE, FOR ALL MATERIALS CONTAINING ORGANIC SOLVENTS USED IN THE OPERATION DESCRIBED ABOVE. [RULE 21]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS


17. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO. 972497
EXPIRES
June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
MARINE COATING PRIMER LINE OPERATION CONSISTING OF: ONE (1) PAINT SPRAY BOOTH –10’X12’X12’H, USING GRACO SPRAY EQUIPMENT, VENTED TO A REINLUFT RELOX GMBH REGENERATIVE THERMAL OXIDIZER, 5,070 SCFM CAPACITY, EQUIPPED WITH HIGH TEMPERATURE LIMITERS, OPERATING INTERFACE AND TEMPERATURE RECORDER.

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 67.18 AND NESHAP SUBPART II.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. PERMITTEE SHALL OPERATE THE COATING OPERATION DESCRIBED ABOVE IN COMPLIANCE WITH ALL APPLICABLE STANDARDS OF RULE 67.18 SECTION (D), INCLUDING SURFACE PREPARATION AND CLEANUP REQUIREMENTS, COATING VOC LIMITS AND APPLICATION EQUIPMENT CLEANUP REQUIREMENTS. [RULE 67.18]

2. PERMITTEE SHALL MAINTAIN RECORDS FOR THE COATING OPERATION DESCRIBED ABOVE IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF RULE 67.18 SECTION (F). [RULE 67.18]

3. PRIMER LINE USAGE RECORDS SHALL BE MAINTAINED ON SITE ON A DAILY BASIS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. DAILY RECORDS SHALL AT A MINIMUM CONTAIN THE FOLLOWING INFORMATION: THE TYPE OF SUBSTRATE COATED (METAL PARTS, AEROSPACE COMPONENT, ETC.), THE TYPE OF COATING APPLIED (BASECOAT, HARDENER, THINNER, CLEAN-UP, ETC., INCLUDING THE MANUFACTURER'S IDENTIFICATION NUMBER), MIX RATIOS AND THE VOLUMES OF EACH MATERIAL CONTAINING VOLATILE ORGANIC COMPOUNDS (VOC) USED. [RULE 67.18]

4. THE PERMITTEE WILL HAVE AVAILABLE ON SITE PRESSURE GAUGE(S) IN PROPER OPERATING CONDITION TO MEASURE THE AIR CAP PRESSURE OF COATING APPLICATION EQUIPMENT OR HAVE AVAILABLE MANUFACTURER'S TECHNICAL INFORMATION SHOWING THE CORRELATION BETWEEN THE HANDLE AIR INLET PRESSURE AND THE AIR CAP PRESSURE. IF THE CORRELATION OPTION SPECIFIED ABOVE IS CHOSEN TO DEMONSTRATE COMPLIANCE, A HANDLE AIR INLET PRESSURE GAUGE WILL BE REQUIRED ON SITE IN PROPER OPERATING CONDITION TO MEASURE THE HANDLE AIR INLET PRESSURE. THE PERMITTEE SHALL MAINTAIN A PERMANENT AIR PRESSURE AT THE AIR CAP IN THE RANGE OF 0.1 TO 10 PSIG. THIS CONDITION APPLIES ONLY TO THOSE OPERATIONS WHICH CLAIM THE USE OF HIGH VOLUME LOW PRESSURE (HVLP) APPLICATION EQUIPMENT TO COMPLY WITH DISTRICT RULES. [RULE 21]

5. IF REQUESTED BY THE DISTRICT OR EPA, THE APPLICABLE TEST METHODS LISTED IN RULE 67.18 SECTION (G) SHALL BE USED TO DETERMINE COATING VOC CONTENT. [RULE 67.18]

6. PERMITTEE SHALL OPERATE THE MARINE COATING OPERATIONS DESCRIBED ABOVE IN COMPLIANCE WITH ALL APPLICABLE STANDARDS OF 40 CFR PART 63.783, INCLUDING COATING VOHAP LIMITS AND COATING HANDLING, TRANSFER, AND CONTAINER REQUIREMENTS. [40 CFR PART 63 SUBPART II]

7. PERMITTEE SHALL MAINTAIN RECORDS AND MAKE REPORTS FOR THE COATING OPERATIONS DESCRIBED ABOVE IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF 40 CFR PART 63.788. SUCH RECORDS SHALL BE MAINTAINED ON SITE FOR A PERIOD OF NO LESS THAN FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT OR FEDERAL EPA UPON REQUEST. [40 CFR PART 63 SUBPART II]

Permit Conditions Continued...
8. THE APPLICABLE TEST METHODS LISTED IN 40 CFR PART 63.786 SHALL BE USED TO DETERMINE COATING VOHAP CONTENT. [40 CFR PART 63 SUBPART II]

9. THE COMBINED CONTROL AND CAPTURE EFFICIENCY OF THE AIR POLLUTION CONTROL DEVICE SHALL AVERAGE AT LEAST 95% ON AN HOURLY BASIS BY WEIGHT DURING OPERATION. [NSR]

10. COMBINED MAXIMUM POST-CONTROL VOC EMISSIONS FROM PERMIT TO OPERATE NO. 972497 AND THE PRIMER LINE ASSOCIATED WITH PERMIT TO OPERATE NO. 7657, SHALL NOT EXCEED 191.4 LBS PER DAY AND 19.4 TONS IN ANY CONSECUTIVE 12-MONTH PERIOD. [NSR]


12. THE CONTROL EQUIPMENT SHALL BE TESTED ANNUALLY FOR COMPLIANCE AT THE EXPENSE OF THE PERMITTEE TO DETERMINE IF THE VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THE PROCESS FROM THE CONTROL EQUIPMENT UNLESS NOTIFIED IN WRITING BY THE DISTRICT. THE CONTROL EFFICIENCY OF THE THERMAL OXIDIZER SHALL BE AT LEAST 95% ON A MASS BASIS. THE AIR POLLUTION CONTROL DEVICE EXHAUST SHALL BE EQUIPPED WITH TEST PORTS AND PROVISIONS FOR PERSONNEL ACCESS (E.G. SCAFFOLDING AND PLATFORMS) FOR SOURCE TESTING. [RULE 67.18]

13. THE THERMAL OXIDIZER TEMPERATURE SHALL BE MAINTAINED ABOVE 1400 DEGREES FAHRENHEIT AT ALL TIMES WHEN THE COATING LINE IS OPERATED, OR WHEN THE COATING OR MIXING EQUIPMENT ARE BEING CLEANED OR MAINTAINED USING VOC CONTAINING MATERIALS. HOURLY THERMAL OXIDIZER EXHAUST TEMPERATURES SHALL BE MAINTAINED, AND THE RECORDS SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. THESE RECORDS SHALL BE KEPT FOR AT LEAST FIVE YEARS. [RULE 67.18]

14. CLEANING OF EQUIPMENT USED IN THIS COATING OPERATION SHALL BE PERFORMED SUCH THAT THE SOLVENT IS DISCHARGED WITHIN THE CONFINES OF THE PRIMER LINE PAINT BOOTH AND THE RESULTING VOC EMISSIONS ARE VENTED TO THE CONTROL DEVICE. [RULE 67.18]

15. THE AIR POLLUTION CONTROL DEVICE DESCRIBED ABOVE SHALL BE OPERATED AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS, EXCEPT AS OTHERWISE SPECIFIED BY THE DISTRICT. THESE INSTRUCTIONS SHALL BE KEPT ON SITE AND READILY AVAILABLE TO THE DISTRICT UPON REQUEST. THE AIR POLLUTION CONTROL DEVICE SHALL BE IN OPERATION WHENEVER THE PRIMER LINE IS IN OPERATION. [RULE 67.18]

16. THERE SHALL BE NO AIR EMISSION LEAKS ALONG THE AIR POLLUTION EQUIPMENT TRANSFER PATH (PIPING, FLANGES, VALVES, BLOWERS, PIPE FITTINGS, ETC.), WHICH RESULT IN CONCENTRATIONS OF 500 PARTS PER MILLION OR GREATER BY VOLUME, MEASURED AS PROPANE AT A DISTANCE OF 1/2 INCH FROM THE TRANSFER PATH OTHER THAN NON-REPEATABLE, MOMENTARY READINGS. [RULE 21]

17. PERMITTEE SHALL MAINTAIN CURRENT MSDS’S OR MANUFACTURER’S SPECIFICATIONS AND TOXIC AIR CONTAMINANT DATA ON-SITE WHICH IDENTIFY THE VOC CONTENT, VAPOR PRESSURE OR INITIAL BOILING POINT, AS APPLICABLE, FOR ALL MATERIALS CONTAINING ORGANIC SOLVENTS USED IN THE OPERATION DESCRIBED ABOVE. [RULE 21]

B. DISTRICT-ONLY—ENFORCEABLE CONDITIONS

18. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.). [AIR TOXICS HOTS SPOTS]

19. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO.
861053
EXPIRES
June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
METAL PARTS AND AUTOMOTIVE REFINISHING APPLICATION STATION, OUTSIDE USING HIGH TRANSFER EFFICIENCY APPLICATION EQUIPMENT (PER RULE 67.3 AND RULE 67.20).

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 67.3 AND 67.20.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. PERMITTEE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 67.3 AND RULE 67.20. [RULE 1421]

2. A PERMIT SHIELD IS GRANTED FROM ENFORCEMENT ACTION FOR THE FOLLOWING REQUIREMENTS: RULE(S) 52 AND 66, BASED ON THE DISTRICT’S DETERMINATION THAT THESE RULES ARE NOT APPLICABLE TO THE ABOVE EQUIPMENT. [RULE 1421]

METAL PARTS AND PRODUCT COATING

3. PERMITTEE SHALL OPERATE THE COATING APPLICATION STATION DESCRIBED ABOVE IN COMPLIANCE WITH ALL APPLICABLE STANDARDS OF RULE 67.3 SECTION (D), INCLUDING APPLICATION METHODS, SURFACE PREPARATION AND CLEANUP REQUIREMENTS, COATING VOC LIMITS AND APPLICATION EQUIPMENT CLEANUP REQUIREMENTS. [RULE 67.3]

4. PERMITTEE SHALL MAINTAIN RECORDS FOR THE APPLICATION STATION DESCRIBED ABOVE IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF RULE 67.3 SECTION (F). [RULE 67.3]

5. IF REQUESTED BY THE DISTRICT OR EPA, THE APPLICABLE TEST METHODS LISTED IN RULE 67.3 SECTION (G) SHALL BE USED TO DETERMINE COMPLIANCE WITH THE APPLICABLE STANDARDS OF RULE 67.3 SECTION (D). [RULE 67.3]

6. PERMITTEE SHALL MAINTAIN CURRENT MSDS’S OR MANUFACTURER’S SPECIFICATIONS ON-SITE WHICH IDENTIFY THE VOC CONTENT, VAPOR PRESSURE OR INITIAL BOILING POINT, AS APPLICABLE, FOR ALL MATERIALS CONTAINING ORGANIC SOLVENTS USED IN THE OPERATION DESCRIBED ABOVE. [RULE 21]

7. THE PERMITTEE WILL HAVE AVAILABLE ON SITE PRESSURE GAUGE(S) IN PROPER OPERATING CONDITION TO MEASURE THE AIR CAP PRESSURE OF COATING APPLICATION EQUIPMENT OR HAVE AVAILABLE MANUFACTURER’S TECHNICAL INFORMATION SHOWING THE CORRELATION BETWEEN THE HANDLE AIR INLET PRESSURE AND THE AIR CAP PRESSURE. IF THE CORRELATION OPTION SPECIFIED ABOVE IS CHOSEN TO DEMONSTRATE COMPLIANCE, A HANDLE AIR INLET PRESSURE GAUGE WILL BE REQUIRED ON SITE IN PROPER OPERATING CONDITION TO MEASURE THE HANDLE AIR INLET PRESSURE. THE PERMITTEE SHALL MAINTAIN A PERMANENT AIR PRESSURE AT THE AIR CAP IN THE RANGE OF 0.1 TO 10 PSIG. THIS CONDITION APPLIES ONLY TO THOSE OPERATIONS WHICH CLAIM THE USE OF HIGH VOLUME LOW PRESSURE (HVLP) APPLICATION EQUIPMENT TO COMPLY WITH DISTRICT RULES. [RULE 21]

AUTOMOTIVE REFINISHING

8. PERMITTEE SHALL OPERATE THE COATING APPLICATION STATION DESCRIBED ABOVE IN COMPLIANCE WITH ALL APPLICABLE STANDARDS OF RULE 67.20 SECTION (D), INCLUDING APPLICATION METHODS,
SURFACE PREPARATION AND CLEANUP REQUIREMENTS, COATING VOC LIMITS AND APPLICATION EQUIPMENT CLEANUP REQUIREMENTS. [RULE 67.20]

9. PERMITTEE SHALL MAINTAIN RECORDS FOR THE APPLICATION STATION DESCRIBED ABOVE IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF RULE 67.20 SECTION (F). [RULE 67.20]

B. DISTRICT-ONLY—ENFORCEABLE CONDITIONS

10. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.). [AIR TOXICS HOTS SPOTS]

11. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
County of San Diego, Air Pollution Control District
10124 Old Grove Rd, San Diego, CA 92131
(858) 586-2600 FAX (858) 586-2601
Permit No. 974936
Expires
June 15, 2016

Permit to Operate

The following is hereby granted a permit to operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location, except for portable equipment. Rule 10C requires this permit to operate or copy be posted on or within 25 feet of the equipment, or maintained readily available at all times on the operating premises.

Permittee
National Steel & Shipbuilding
PO Box 85278 MS 20 J
San Diego, CA 92186-5278

Equipment Address
28th St & Harbor Dr
San Diego, CA 92113

Equipment Description
Open air plasma cutter and exhaust controls: ESAB Plasma Cutting System with particulate control system model Avenger 3; Torit Downflo model DFT 3-48 rated at 99.99% efficiency for 1 micron particles, followed by HEPA filter system rated at 99.97% efficiency for 0.3 micron particulates.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and district rules, including but not limited to Rule(s) 50, 51, and 52.
Failure to operate in compliance is a misdemeanor and is subject to civil and criminal penalties.

A. Federally-Enforceable and District-Enforceable Conditions

1. Permittee shall comply with Rule 52.
   [Rule 1421]
2. There shall be no visible emissions from the exhaust stack of the air pollution control system for this plasma cutter.
   [Rule 1200]
3. There shall be no gases emitted that are not treated in the air pollution control equipment. Prior to starting the equipment at the beginning of the work day, a verification shall be conducted as to whether the control equipment is actually collecting all the gases generated in the operation. If it is not, appropriate measures shall be taken to correct the situation prior to cutter operation.
   [Rule 51]
4. There shall be no leakage of gases from the air pollution control equipment. At the start of each day the control equipment and gas transport ducts shall be inspected for leaks and upon discovery all gas leaks shall be sealed prior to any cutting operations.
   [Rule 51]
5. A differential pressure gauge shall be installed across the HEPA filter system and maintained in good working order at all times. The pressure drop across the HEPA filter media shall be maintained between 0.5 and 8 inches of water. The gauge readings shall be recorded in an equipment logbook on each day of equipment use. The logbook shall be kept on site and made available to the district upon request.
   [Rule 52]
6. Air ducts and the air pollution control device shall be inspected, cleaned and repaired no less frequently than on 6 month intervals. The date that equipment is inspected, cleaned or repaired shall be recorded and such records shall be made available to the district upon request.
   [Rule 1200, Rule 52]
7. Air pollution control equipment shall be maintained in good operating condition and shall be in full operation in accordance with manufacturer's instructions at all times when the process equipment is in operation.
   [Rule 52]
8. All records shall be kept on site for at least five years and made available to the district upon request.
   [Rule 1200]

B. District-Only--Enforceable Conditions

[AIR TOXICS HOTS SPOTS]

10. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601
PERMIT NO. 975149
EXPIRES
June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
OPEN AIR PLASMA CUTTER AND EXHAUST CONTROLS: ESAB PLASMA CUTTING SYSTEM, MODEL AVENGER 3-10M VISINT; DONALDSON COMPANY INC., "TORIT DOWNFLO" MODEL DPT 4-48, S/N TG624715-001, RATED AT 99.99% EFFICIENCY FOR 1 MICRON PARTICLES, FOLLOWED BY HEPA FILTER SYSTEM RATED AT 99.97% EFFICIENCY FOR 0.3 MICRON PARTICLES.

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 50, 51, AND 52.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. PERMITTEE SHALL COMPLY WITH RULE 52.
   [RULE 1421]
2. THERE SHALL BE NO VISIBLE EMISSIONS FROM THE EXHAUST STACK OF THE AIR POLLUTION CONTROL SYSTEM FOR THIS PLASMA CUTTER.
   [RULE 50]
3. THERE SHALL BE NO GASES Emitted THAT ARE NOT TREATED IN THE AIR POLLUTION CONTROL EQUIPMENT. PRIOR TO STARTING THE EQUIPMENT AT THE BEGINNING OF THE WORK DAY, A VERIFICATION SHALL BE CONDUCTED AS TO WHETHER THE CONTROL EQUIPMENT IS ACTUALLY COLLECTING ALL THE GASES GENERATED IN THE OPERATION. IF IT IS NOT, APPROPRIATE MEASURES SHALL BE TAKEN TO CORRECT THE SITUATION PRIOR TO CUTTER OPERATION.
   [RULE 50 AND RULE 52]
4. THERE SHALL BE NO LEAKAGE OF GASES FROM THE AIR POLLUTION CONTROL EQUIPMENT. AT THE START OF EACH DAY THE CONTROL EQUIPMENT AND GAS TRANSPORT DUCTS SHALL BE INSPECTED FOR LEAKS AND UPON DISCOVERY, ALL GAS LEAKS SHALL BE SEALED PRIOR TO ANY CUTTING OPERATIONS.
   [RULE 51]
5. A DIFFERENTIAL PRESSURE GAUGE SHALL BE INSTALLED ACROSS THE HEPA FILTER SYSTEM AND MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES. THE PRESSURE DROP ACROSS THE HEPA FILTER MEDIA SHALL BE MAINTAINED BETWEEN 0.2 AND 8 INCHES OF WATER. THE GAUGE READINGS SHALL BE RECORDED IN AN EQUIPMENT LOGBOOK ON EACH DAY OF EQUIPMENT USE. THE LOGBOOK SHALL BE KEPT ON SITE AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
   [RULE 1200, RULE 52]
6. AIR DUCTS AND THE AIR POLLUTION CONTROL DEVICE SHALL BE INSPECTED, CLEANED AND REPAIRED NO LESS FREQUENTLY THAN ON 6 MONTH INTERVALS. THE DATE THAT EQUIPMENT IS INSPECTED, CLEANED OR REPAIRED SHALL BE RECORDED AND SUCH RECORDS SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
   [RULE 1200, RULE 52]
7. AIR POLLUTION CONTROL EQUIPMENT SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AND SHALL BE IN FULL OPERATION IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AT ALL TIMES WHEN THE PROCESS EQUIPMENT IS IN OPERATION.
   [RULE 52]
8. USE OF THIS EQUIPMENT FOR CUTTING STAINLESS STEEL PLATE IS LIMITED TO 876 HOURS PER YEAR.
   [RULE 1200]
9. USE OF THIS EQUIPMENT FOR CUTTING COPPER/NICKEL PLATE IS LIMITED TO 876 HOURS PER YEAR.
   [RULE 1200]
10. PERMITTEE SHALL KEEP DAILY RECORDS OF THE HOURS OF OPERATION WHEN CUTTING STAINLESS STEEL, COPPER/NICKEL AND MILD STEEL PLATES.
   [RULE 1200]

Permit Conditions Continued...
11. ALL RECORDS SHALL BE KEPT ON SITE FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [RULE 1200]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

12. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.). [AIR TOXICS HOTS SPOTS]

13. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601
PERMIT NO. 977754
EXPIRES June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
PLASMA CUTTER, OPEN AIR, ROBOTIC. BRAND: SULT. SERIAL NO.: 0848-1735-01 AIR POLLUTION CONTROL EQUIPMENT: TWO PREFILTER UNITS WITH 18 CARTRIDGES TOTAL FILTER AREA OF 378 MT2 WITH AUTOMATIC PROGRAMMABLE COMpressed AIR CLEANING. HEPA FINAL FILTER WITH RATED EFFICIENCY 99.99% AT 0.3 MICRON.

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 50, 51, AND 52. FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS
1. PERMITTEE SHALL COMPLY WITH RULE 52. [RULE 1421]
2. THE PLASMA CUTTER OPERATIONS SHALL ALWAYS BE CONDUCTED IN THE INTERIOR OF THE CUTTER HOUSING. NO VISIBLE EMISSIONS SHALL BE OBSERVED TO ESCAPE FROM THE HOUSING OPENINGS TO THE OUTSIDE ATMOSPHERE. [RULE 1200]
3. THERE SHALL BE NO GASES EMITTED THAT ARE NOT TREATED IN THE AIR POLLUTION CONTROL EQUIPMENT. PRIOR TO STARTING THE EQUIPMENT AT THE BEGINNING OF THE WORK DAY, A VERIFICATION SHALL BE CONDUCTED AS TO WHETHER THE CONTROL EQUIPMENT IS ACTUALLY COLLECTING ALL THE GASES GENERATED IN THE OPERATION. IF IT IS NOT, APPROPRIATE MEASURES SHALL BE TAKEN TO CORRECT THE SITUATION PRIOR TO CUTTER OPERATION. [RULE 1200]
4. THERE SHALL BE NO LEAKAGE OF GASES FROM THE AIR POLLUTION CONTROL EQUIPMENT. AT THE START OF EACH DAY THE CONTROL EQUIPMENT AND GAS TRANSPORT DUCTS SHALL BE INSPECTED FOR LEAKS AND UPON DISCOVERY ALL GAS LEAKS SHALL BE SEALED PRIOR TO ANY CUTTING OPERATIONS. [RULE 1200]
5. A DIFFERENTIAL PRESSURE GAUGE SHALL BE INSTALLED ACROSS THE HEPA FILTER SYSTEM AND MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES. THE PRESSURE DROP ACROSS THE HEPA FILTER MEDIA SHALL BE MAINTAINED BETWEEN 0.5 AND 8 INCHES OF WATER. THE GAUGE READINGS SHALL BE記錄ED IN AN EQUIPMENT LOGBOOK ON EACH DAY OF EQUIPMENT USE. THE LOGBOOK SHALL BE KEPT ON SITE AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [RULE 1200, RULE 52]
6. AIR DUCTS AND THE AIR POLLUTION CONTROL DEVICE SHALL BE INSPECTED, CLEANED AND REPAIRED NO LESS FREQUENTLY THAN ON 6 MONTH INTERVALS. THE DATE THAT EQUIPMENT IS INSPECTED, CLEANED OR REPAIRED SHALL BE RECORDED AND SUCH RECORDS SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [RULE 1200, RULE 52]
7. AIR POLLUTION CONTROL EQUIPMENT SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AND SHALL BE IN FULL OPERATION IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AT ALL TIMES WHEN THE PROCESS EQUIPMENT IS IN OPERATION. [RULE 52]
8. THE OPERATION OF THE CUTTER SHALL BE RESTRICTED TO MILD STEEL PLATES ONLY. [RULE 1200]
9. ALL RECORDS SHALL BE KEPT ON SITE FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [RULE 1200]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

Permit Conditions Continued...
10. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).

11. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO. 978048
EXPIRES
June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
PLASMA CUTTER. AT OPEN AIR, ROBOTIC. BRAND: SULT. SERIAL NO.: 0849-1735-01 AIR POLLUTION CONTROL EQUIPMENT: TWO PREFILTER UNITS WITH 18 CARTRIDGES TOTAL FILTER AREA OF 378 MT2 WITH AUTOMATIC PROGRAMMABLE COMPRESSED AIR CLEANING. HEPA FINAL FILTER AT RATED EFFICIENCY 99.99% AT 0.3 MICRON.

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 50, 51, AND 52. FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. PERMITTEE SHALL COMPLY WITH RULE 52. [RULE 1421]
2. THE PLASMA CUTTER OPERATIONS SHALL ALWAYS BE CONDUCTED IN THE INTERIOR OF THE CUTTER HOUSING. NO VISIBLE EMISSIONS SHALL BE OBSERVED TO ESCAPE FROM THE HOUSING OPENINGS TO THE OUTSIDE ATMOSPHERE. [RULE 1200]
3. THERE SHALL BE NO GASES EMITTED THAT ARE NOT TREATED IN THE AIR POLLUTION CONTROL EQUIPMENT. PRIOR TO STARTING THE EQUIPMENT AT THE BEGINNING OF THE WORK DAY, A VERIFICATION SHALL BE CONDUCTED AS TO WHETHER THE CONTROL EQUIPMENT IS ACTUALLY COLLECTING ALL THE GASES GENERATED IN THE OPERATION. IF IT IS NOT, APPROPRIATE MEASURES SHALL BE TAKEN TO CORRECT THE SITUATION PRIOR TO CUTTER OPERATION. [RULE 1200]
4. THERE SHALL BE NO LEAKAGE OF GASES FROM THE AIR POLLUTION CONTROL EQUIPMENT. AT THE START OF EACH DAY THE CONTROL EQUIPMENT AND GAS TRANSPORT DUCTS SHALL BE INSPECTED FOR LEAKS AND UPON DISCOVERY, ALL GAS LEAKS SHALL BE SEALED PRIOR TO ANY CUTTING OPERATIONS. [RULE 1200]
5. A DIFFERENTIAL PRESSURE GAUGE SHALL BE INSTALLED ACROSS THE HEPA FILTER SYSTEM AND MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES. THE PRESSURE DROP ACROSS THE HEPA FILTER MEDIA SHALL BE MAINTAINED BETWEEN 0.5 AND 8 INCHES OF WATER. THE GAUGE READINGS SHALL BE RECORDED IN AN EQUIPMENT LOGBOOK ON EACH DAY OF EQUIPMENT USE. THE LOGBOOK SHALL BE KEPT ON SITE AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [RULE 1200, RULE 52]
6. AIR DUCTS AND THE AIR POLLUTION CONTROL DEVICE SHALL BE INSPECTED, CLEANED AND REPAIRED NO LESS FREQUENTLY THAN ON 6 MONTH INTERVALS. THE DATE THAT EQUIPMENT IS INSPECTED, CLEANED OR REPAIRED SHALL BE RECORDED AND SUCH RECORDS SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [RULE 1200, RULE 52]
7. AIR POLLUTION CONTROL EQUIPMENT SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AND SHALL BE IN FULL OPERATION IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AT ALL TIMES WHEN THE PROCESS EQUIPMENT IS IN OPERATION. [RULE 52]
8. THE OPERATION OF THE CUTTER SHALL BE RESTRICTED TO MILD STEEL PLATES ONLY. [RULE 1200]
9. ALL RECORDS SHALL BE KEPT ON SITE FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [RULE 1200]
B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

10. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).

[AIR TOXICS HOTS SPOTS]

11. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO.
979491
EXPIRES
June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85275 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
PLASMA CUTTER: MADE BY ESAB CUTTING SYSTEMS, MODEL AVENGER 3, S/N 0560936755, USED FOR CUTTING MILD STEEL GRADE AH36, EH36 AND DH36, EQUIPPED WITH TORIT FILTER SYSTEM MODEL DFT-4-64, S/N IG910308, WITH TORIT ULTRA-WEBII FILTER CARTRIDGES, FOLLOWED BY TORIT HEPA FILTER SYSTEM.

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 50, 51, AND 52.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. PERMITTEE SHALL COMPLY WITH RULE 52.
   [RULE 1421]
2. THERE SHALL BE NO VISIBLE EMISSIONS FROM THE EXHAUST STACK OF THE AIR POLLUTION CONTROL SYSTEM FOR THIS PLASMA CUTTER.
   [RULE 50]
3. THERE SHALL BE NO GASES EMITTED THAT ARE NOT TREATED IN THE AIR POLLUTION CONTROL EQUIPMENT. PRIOR TO STARTING THE EQUIPMENT AT THE BEGINNING OF THE WORK DAY, A VERIFICATION SHALL BE CONDUCTED AS TO WHETHER THE CONTROL EQUIPMENT IS ACTUALLY COLLECTING ALL THE GASES GENERATED IN THE OPERATION. IF IT IS NOT, APPROPRIATE MEASURES SHALL BE TAKEN TO CORRECT THE SITUATION PRIOR TO CUTTER OPERATION.
   [RULE 50 AND RULE 52]
4. THERE SHALL BE NO LEAKAGE OF GASES FROM THE AIR POLLUTION CONTROL EQUIPMENT. AT THE START OF EACH DAY THE CONTROL EQUIPMENT AND GAS TRANSPORT DUCTS SHALL BE INSPECTED FOR LEAKS AND UPON DISCOVERY, ALL GAS LEAKS SHALL BE SEALED PRIOR TO ANY CUTTING OPERATIONS.
   [RULE 51]
5. A DIFFERENTIAL PRESSURE GAUGE SHALL BE INSTALLED ACROSS THE HEPA FILTER SYSTEM AND MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES. THE PRESSURE DROP ACROSS THE HEPA FILTER MEDIA SHALL BE MAINTAINED BETWEEN 0.2 AND 8 INCHES OF WATER. THE GAUGE READINGS SHALL BE RECORDED IN AN EQUIPMENT LOGBOOK ON EACH DAY OF EQUIPMENT USE. THE LOGBOOK SHALL BE KEPT ON SITE AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
   [RULE 1200, RULE 52]
6. AIR DUCTS AND THE AIR POLLUTION CONTROL DEVICE SHALL BE INSPECTED, CLEANED AND REPAIRED NO LESS FREQUENTLY THAN ON 6 MONTH INTERVALS. THE DATE THAT EQUIPMENT IS INSPECTED, CLEANED OR REPAIRED SHALL BE RECORDED AND SUCH RECORDS SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
   [RULE 1200, RULE 52]
7. AIR POLLUTION CONTROL EQUIPMENT SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AND SHALL BE IN FULL OPERATION IN ACCORDANCE WITH MANUFACTURER’S INSTRUCTIONS AT ALL TIMES WHEN THE PROCESS EQUIPMENT IS IN OPERATION.
   [RULE 52]
8. ALL RECORDS SHALL BE KEPT ON SITE FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
   [RULE 1200]

B. DISTRICT-ONLY—ENFORCEABLE CONDITIONS

9. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’
INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).
[AIR TOXICS HOTS SPOTS]
10. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 Old Grove Road, San Diego, CA 92131

CONTROL NO. Final Draft
(858) 586-2600 FAX (858) 586-2601

PERMIT NO. 984991
EXPIRES MARCH 1, 200X

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 22A
SAN DIEGO, CA 92186

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
PLASMA BEVELING MACHINE: AVENGER MODEL 3.6 AVG V1555, S/N 0506943404; WITH A DOWNDRAFT TABLE VENTED TO A DUST COLLECTOR, DONALDSON TORIT DOWNFLOW OVAL SERIES, MODEL DFO-3-60, 18000 CFM WITH HEPA FILTERS, S/N 2851313-1

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 50, 51, AND 52.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. PERMITTEE SHALL COMPLY WITH RULE 52.
   [RULE 1421]
2. THERE SHALL BE NO VISIBLE EMISSIONS FROM THE EXHAUST STACK OF THE AIR POLLUTION CONTROL SYSTEM FOR THIS PLASMA CUTTER.
   [RULE 1200]
3. THERE SHALL BE NO GASES EMITTED THAT ARE NOT TREATED IN THE AIR POLLUTION CONTROL EQUIPMENT. PRIOR TO STARTING THE EQUIPMENT AT THE BEGINNING OF THE WORK DAY, A VERIFICATION SHALL BE CONDUCTED AS TO WHETHER THE CONTROL EQUIPMENT IS ACTUALLY COLLECTING ALL THE GASES GENERATED IN THE OPERATION. IF IT IS NOT, APPROPRIATE MEASURES SHALL BE TAKEN TO CORRECT THE SITUATION PRIOR TO CUTTER OPERATION.
   [RULE 1200]
4. THERE SHALL BE NO LEAKAGE OF GASES FROM THE AIR POLLUTION CONTROL EQUIPMENT. AT THE START OF EACH DAY THE CONTROL EQUIPMENT AND GAS TRANSPORT DUCTS SHALL BE INSPECTED FOR LEAKS AND UPON DISCOVERY, ALL GAS LEAKS SHALL BE SEALED PRIOR TO ANY CUTTING OPERATIONS.
   [RULE 1200]
5. A DIFFERENTIAL PRESSURE GAUGE SHALL BE INSTALLED ACROSS THE HEPA FILTER SYSTEM AND BE MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES. THE PRESSURE DROP ACROSS THE FILTER MEDIA SHALL BE MAINTAINED BETWEEN 0.5 AND 8 INCHES OF WATER. THE GAUGE READINGS SHALL BE NOTED IN AN EQUIPMENT LOGBOOK ON EACH DAY OF EQUIPMENT USE. THE LOGBOOK SHALL BE KEPT ON SITE AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
   [RULE 1200, RULE 52]
6. AIR POLLUTION CONTROL EQUIPMENT SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AND SHALL BE IN FULL OPERATION IN ACCORDANCE WITH MANUFACTURER’S INSTRUCTIONS AT ALL TIMES WHEN THE PROCESS EQUIPMENT IS IN OPERATION. THE MANUFACTURER’S INSTRUCTIONS SHALL BE貨 MAINTAINED ON SITE AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
   [RULE 50 AND RULE 52]
7. THE EQUIPMENT DESCRIBED ABOVE SHALL NOT CAUSE OR CONTRIBUTE TO PUBLIC NUISANCE.
   [RULE 51]
8. AIR DUCTS AND THE AIR POLLUTION CONTROL DEVICE SHALL BE INSPECTED, CLEANED, AND REPAIRED NO LESS FREQUENTLY THAN ON 6 MONTH INTERVALS. THE DATE THAT EQUIPMENT IS INSPECTED AND REPAIRED SHALL BE RECORDED AND SUCH RECORDS SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
   [RULE 1200, RULE 52]
9. OPERATION OF THIS EQUIPMENT FOR CUTTING METAL SHALL NOT EXCEED 7488 HOURS PER CALENDAR YEAR. DATES AND TIMES OF EQUIPMENT OPERATION, INCLUDING TOTAL CUMULATIVE HOURS OF OPERATION PER CALENDAR YEAR, SHALL BE RECORDED IN A LOG BOOK EACH DAY THE EQUIPMENT IS USED.
   [RULE 1200]

Permit Conditions Continued...
8. AIR POLLUTION CONTROL EQUIPMENT SHALL BE MAINTAINED IN GOOD OPERATING CONDITION, AND
    SHALL BE IN FULL OPERATION IN ACCORDANCE WITH MANUFACTURER’S INSTRUCTIONS AT ALL TIMES
    WHEN THE PROCESS EQUIPMENT IS IN OPERATION.
    [RULE 52]

9. ALL RECORDS SHALL BE KEPT ON SITE FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT
    UPON REQUEST.
    [RULE 1200]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

10. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE
    DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION
    AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).
    [AIR TOXICS HOTS SPOTS]

11. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING
    PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
POLYESTER RESIN MANUFACTURING OPERATION: HAND LAYUP OF POLYESTER RESIN MATERIALS

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 67.12. FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. PERMITTEE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 67.12. [RULE 1421]

2. A PERMIT SHIELD IS GRANTED FROM ENFORCEMENT ACTION FOR THE FOLLOWING REQUIREMENTS: RULE(S) 52, 66 AND 67.18, BASED ON THE DISTRICT’S DETERMINATION THAT THESE RULES ARE NOT APPLICABLE TO THE ABOVE EQUIPMENT. [RULE 1421]

3. PERMITTEE SHALL OPERATE THE OPERATION DESCRIBED ABOVE IN COMPLIANCE WITH ALL APPLICABLE STANDARDS OF RULE 67.12 SECTION (D), INCLUDING RESIN MONOMER CONTENT LIMITS, SELF-CLOSING CONTAINER REQUIREMENTS, SANDING, GRINDING AND CUTTING REQUIREMENTS FOR MATERIALS COMINTING FIBERGLASS, VOC RECLAMATION SYSTEM REQUIREMENTS, AND APPLICATION METHODS. [RULE 67.12]

4. PERMITTEE SHALL MAINTAIN RECORDS FOR THE OPERATION DESCRIBED ABOVE IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF RULE 67.12 SECTION (F). [RULE 67.12]

5. IF REQUESTED BY THE DISTRICT OR EPA, THE APPLICABLE TEST METHODS LISTED IN RULE 67.12 SECTION (G) SHALL BE USED TO DETERMINE COMPLIANCE WITH THE APPLICABLE STANDARDS OF RULE 67.12 SECTION (D). [RULE 67.12]

6. PERMITTEE SHALL MAINTAIN CURRENT MSDS’S OR MANUFACTURER’S SPECIFICATIONS ON-SITE WHICH IDENTIFY THE VOC CONTENT, VAPOR PRESSURE OR INITIAL BOILING POINT, AS APPLICABLE, FOR ALL MATERIALS CONTAINING ORGANIC SOLVENTS USED IN THE OPERATION DESCRIBED ABOVE. [RULE 21]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

7. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.). [AIR TOXICS HOTS SPOTS]

8. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW.  THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT.  RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE            EQUIPMENT ADDRESS
NATIONAL STEEL & SHIPBUILDING  28TH ST & HARBOR DR
PO BOX 85278 MS 20 J       SAN DIEGO, CA 92113
SAN DIEGO, CA 92186-5278

EQUIPMENT DESCRIPTION
SOLVENT DISTILLATION OPERATOR: ONE (1) FINISH TOMPSON INC. MODEL LS-55IID SOLVENT RECOVERY STILL, 55 GALLON CAPACITY, WITH A 55-GAL PER SHIFT PROCESSING RATE EQUIPPED WITH ELECTRIC HEATING, AIR COOLED, AND VARIOUS SAFETY FEATURES.

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 66. FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. THE EQUIPMENT SUBJECT TO THIS PERMIT SHALL BE OPERATED AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS, EXCEPT AS OTHERWISE SPECIFIED BY THE DISTRICT. THE MANUFACTURER'S INSTRUCTIONS SHALL BE MAINTAINED ON SITE AND MADE AVAILABLE TO THE DISTRICT. [RULE 66]

2. PERMITTEE SHALL MAINTAIN DAILY RECORDS OF EACH MATERIAL PROCESSED IN THE STILL. THE RECORDS AT A MINIMUM SHALL PROVIDE THE IDENTITY, VOC CONTENT AND VOLUME OF EACH MATERIAL PROCESSED, RECLAIMED AND DISPOSED OF AS STILL BOTTOM WASTE. [RULE 66]

3. WATER SHALL NOT BE VISIBLY DETECTABLE IN THE ORGANIC COMPOUND PHASE EXITING THE WATER SEPARATOR, NOR SHALL THE ORGANIC COMPOUNDS BE VISIBLY DETECTABLE IN THE AQUEOUS PHASE LEAVING THE SEPARATOR. [RULE 66]

4. ALL LIQUID TRANSFER LINES, PIPING, AND ASSOCIATED FITTINGS SHALL BE MAINTAINED IN A LEAK TIGHT CONDITION. [RULE 66]

5. PERMITTEE SHALL MAINTAIN CURRENT MSDS’S OR MANUFACTURER’S SPECIFICATIONS ON-SITE WHICH IDENTIFY THE VOC CONTENT, VAPOR PRESSURE OR INITIAL BOILING POINT, AS APPLICABLE, FOR ALL MATERIALS CONTAINING ORGANIC SOLVENTS USED IN THE OPERATION DESCRIBED ABOVE. [RULE 66]

B. DISTRICT-ONLY—ENFORCEABLE CONDITIONS

8. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.). [AIR TOXICS HOTS SPOTS]

9. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION

BLAST CELL #2: CUSTOM MADE, S/N TBD; VENTED TO FOUR BAGHOUSE CARTRIDGE-TYPE FILTRATION SYSTEMS, DONALSON TORIT, MODEL DOWNFLO II DFT 4-112, 45000 CFM CAPACITY, S/N TBD; A BLAST MEDIA AUTO DUMP, CHUTE, BUCKET ELEVATOR AND SEPARATOR FOR RECYCLING USED AND FRESH ABRASIVE; A CUSTOM MADE BULK ABRASIVE STORAGE SYSTEM, 2515 CU. FT. VOLUME, 300-TON CAPACITY; SIXTEEN VACUUM RECOVERY SYSTEMS, DONGWON, MODEL DWVR50, 1766 CFM CAPACITY EACH, S/N TBD, EACH WITH AN INTEGRATED CYCLONE AND BAGHOUSE DUST COLLECTION SYSTEM; AND A SECONDARY BAGHOUSE, DONALDSON TORIT MODEL DOWNFLO II DFT 4-32, 10593 CFM CAPACITY, VENTING THE BLAST MEDIA AUTO DUMP, CHUTE, BUCKET ELEVATOR, SEPARATOR AND THE VACUUM RECOVERY SYSTEMS.

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 52.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. A PERMIT SHIELD IS GRANTED FROM ENFORCEMENT ACTION FOR THE FOLLOWING REQUIREMENTS: RULE 54, BASED ON THE DISTRICT’S DETERMINATION THAT THIS RULE IS NOT APPLICABLE TO THE ABOVE EQUIPMENT BECAUSE THE PROCESS IS NOT A BULK MATERIAL HANDLING PROCESS.
   [RULE 1410]

2. PERMITTEE SHALL COMPLY WITH THE FOLLOWING APPLICABLE REQUIREMENTS: RULE 52.
   [RULE 1421]

3. PERMITTEE SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SOURCE PARTICULATE MATTER IN EXCESS OF 0.10 GRAIN PER DRY STANDARD CUBIC FOOT.
   [RULE 52]

4. IF REQUESTED BY THE DISTRICT OR EPA, THE PARTICULATE MATTER EMISSION CONCENTRATION SHALL BE DETERMINED USING DISTRICT METHOD 5.
   [RULE 52]

5. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
   [NSR]
6. AIR POLLUTION CONTROL EQUIPMENT SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AND SHALL BE IN FULL OPERATION IN ACCORDANCE WITH MANUFACTURER’S INSTRUCTIONS AT ALL TIMES WHEN THE PROCESS EQUIPMENT IS IN OPERATION.

[NSR]

7. ALL PROCESS EQUIPMENT SHALL BE MAINTAINED AND OPERATED SO THAT THERE IS NO LEAKAGE OF AIR CONTAMINANTS TO THE ATMOSPHERE PRIOR TO THEIR TREATMENT IN THE AIR POLLUTION CONTROL SYSTEM.

[NSR]

8. THIS EQUIPMENT SHALL NOT BE USED TO REMOVE SURFACE COATINGS CONTAINING TOXIC MATERIALS, AS IDENTIFIED IN DISTRICT RULE 1200, EXCEPT FOR ZINC AND ZINC COMPOUNDS

[RULE 1200]

9. THE EQUIPMENT SHALL ONLY USE STEEL SHOT OR STEEL GRIT ABRASIVE BLASTING MATERIAL

[NSR]

10. A DIFFERENTIAL PRESSURE GAUGE SHALL BE INSTALLED ACROSS THE ABRASIVE BLAST CELL AND SECONDARY BAGHOUSE FILTERS AND MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES TO MEASURE THE PRESSURE DROP ACROSS THE FILTER MEDIA. THE PRESSURE DROP ACROSS THE FILTER MEDIA SHALL BE MAINTAINED BETWEEN 0.4 AND 7 INCHES OF WATER COLUMN GAUGE (WCG).

[NSR, RULE 52, 40 CFR PART 64]


[NSR, RULE 52, 40 CFR PART 64]

12. MECHANICAL SHAKING OR REVERSE PULSE FILTER CLEANING SHALL NOT RESULT IN DUST EMISSION FROM THE DUST CABINETS OR DUST HOPPERS. DISPOSAL OF DUST FROM DUST HOPPERS SHALL NOT ALLOW DUST ENTRAINMENT INTO THE ATMOSPHERE.

[NSR, RULE 52, 40 CFR PART 64]

13. COLLECTED SPENT ABRASIVE AND DUST SHALL BE EMMPTIED INTO A CONTAINER WHICH SHALL BE SEALED AND DISPOSED OF IN A MANNER WHICH PREVENTS DISPERSAL OF DUST INTO THE ATMOSPHERE.

[NSR]

14. THE PERMITTEE SHALL PERFORM THE FOLLOWING MONITORING AT LEAST ONCE EVERY MONTH AND MAINTAIN RECORDS OF THE RESULTS: 1) VISUALLY INSPECT THE DUST COLLECTOR SYSTEM TO VERIFY IT IS IN GOOD WORKING ORDER; AND 2) OBSERVE THE DUST COLLECTOR EXHAUST TO DETECT ANY VISIBLE EMISSIONS USING EPA METHOD 22. IF ANY VISIBLE EMISSIONS ARE OBSERVED, PERMITTEE SHALL TAKE IMMEDIATE CORRECTIVE ACTIONS FOR EQUIPMENT MALFUNCTION SUCH AS, BUT NOT LIMITED TO: FILTER CARTRIDGE BREAK OR TEAR REPLACING FILTER CARTRIDGE; MISALIGNMENT OF FILTER CARTRIDGE REALIGNING FILTER CARTRIDGE; AND FILTER CARTRIDGE PLUGGAGE REPLACING FILTER CARTRIDGE.

[40 CFR PART 64]

15. A LOG OF ALL INSPECTIONS, REPAIRS, MALFUNCTIONS AND BREAKDOWNS OF THE DUST COLLECTOR SHALL BE MAINTAINED ON-SITE FOR THE ABOVE EQUIPMENT.

[40 CFR PART 64]

16. THE DIFFERENTIAL PRESSURE GAUGES INSTALLED ACROSS ABRASIVE BLAST CELL AND SECONDARY BAGHOUSE FILTER SYSTEMS SHALL BE PROPERLY CALIBRATED TO OPERATE WITHIN THE RANGE OF 0 TO 8 INCHES OF WATER COLUMN GAUGE (WCG). THE DIFFERENTIAL PRESSURE GAUGES INSTALLED ACROSS THE VACUUM RECOVERY BAGHOUSE SYSTEMS SHALL BE PROPERLY CALIBRATED TO OPERATE WITHIN THE RANGE OF 0 TO 300 MILLIMETERS OF WATER COLUMN GAUGE (WCG). GAUGE READING IN SECTION(S) USED, AS LABELED, THE PERMITTEE SHALL RECORD THE FILTER BAGHOUSE PRESSURE DIFFERENTIAL AT THE START OF EACH SHIFT AND MIDWAY THROUGH EACH SHIFT EACH DAY THE EQUIPMENT IS OPERATED. THERE ARE THREE 8-HOUR SHIFTS
DURING A 24-HOUR OPERATING DAY. THE PERMITTEE SHALL MAINTAIN THESE RECORDS ONSITE FOR FIVE YEARS AND MAKE AVAILABLE TO THE DISTRICT UPON REQUEST.

[40 CFR PART 64]

17. THE AUTOMATIC CLEANING CYCLE FOR THE ABRASIVE BLAST CELL MAIN AND SECONDARY CONTROL SYSTEM CARTRIDGE FILTERS SHALL BE SET TO ENSURE THAT THE BAGHOUSE CLEANUP CYCLE OCCURS WHEN THE BAGHOUSE DIFFERENTIAL PRESSURE IS WITHIN THE RANGE OF 3 TO 5" W.C.G OR EARLIER.

[40 CFR PART 64]

18. FOR PURPOSES OF THIS PERMIT, AN EXCURSION IS EACH OCCURRENCE OF ANY OF THE FOLLOWING: A VACUUM RECOVERY BAGHOUSE PRESSURE DIFFERENTIAL READING THAT IS EQUAL TO OR LESS THAN 5 MM W.C.G OR EQUAL TO OR GREATER THAN 205 MM W.C.G; AN ABRASIVE BLAST CELL OR SECONDARY BAGHOUSE PRESSURE DIFFERENTIAL READING THAT IS EQUAL TO OR LESS THAN 0.2 IN. W.C.G OR EQUAL TO OR GREATER THAN 7.2 IN. W.C.G; OR AN INDICATION OF VISIBLE EMISSIONS AS DETERMINED BY EPA METHOD 22. IF THE BAGHOUSE DIFFERENTIAL PRESSURE IS OUTSIDE THE SPECIFIED RANGE OR IF VISIBLE EMISSIONS ARE DETECTED, THE PERMITTEE SHALL RESTORE THE DIFFERENTIAL PRESSURE TO ITS NORMAL RANGE OR ELIMINATE THE VISIBLE EMISSIONS AS EXPEDITIOUSLY AS PRACTICAL.

[40 CFR PART 64]

19. THE PERMITTEE SHALL IMPLEMENT A QUALITY IMPROVEMENT PLAN IN ACCORDANCE WITH 40 CFR PART 64.8 IF FIVE EXCURSIONS OCCUR WITHIN A 12-CONSECUTIVE-MONTH PERIOD.

[40 CFR PART 64]

20. THE PERMITTEE SHALL REPORT EACH EXCURSION IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 64.9.

[40 CFR PART 64]

21. THE DISTRICT RESERVES THE RIGHT TO MODIFY THE CAM PLAN REQUIREMENTS BASED ON PERFORMANCE ONCE THE EQUIPMENT IS OPERATED.

[40 CFR PART 64]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

22. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).

[AIR TOXICS HOTS SPOTS]

23. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT  
10124 OLD GROVE RD, SAN DIEGO, CA 92131  
(858) 586-2600 FAX (858) 586-2601  
PERMIT NO. 985874  
EXPIRES  
June 15, 2016  

PERMIT TO OPERATE  

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.  

<table>
<thead>
<tr>
<th>PERMITTEE</th>
<th>EQUIPMENT ADDRESS</th>
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<tbody>
<tr>
<td>NATIONAL STEEL &amp; SHIPBUILDING</td>
<td>28TH ST &amp; HARBOR DR</td>
</tr>
<tr>
<td>PO BOX 85278 MS 20 J</td>
<td>SAN DIEGO, CA 92113</td>
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<tr>
<td>SAN DIEGO, CA 92186-5278</td>
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EQUIPMENT DESCRIPTION  

BLAST CELL #1: CUSTOM MADE, S/N TBD; VENTED TO FOUR BAGHOUSE CARTRIDGE-TYPE FILTRATION SYSTEMS, DONALSON TORIT, MODEL DOWNFLO II DFT 4-112, 45000 CFM CAPACITY, S/N TBD; A BLAST MEDIA AUTO DUMP, CHUTE, BUCKET ELEVATOR AND SEPARATOR FOR RECYCLING USED AND FRESH ABRASIVE; A CUSTOM MADE BULK ABRASIVE STORAGE SYSTEM, 2515 CU. FT. VOLUME, 300-TON CAPACITY; SIXTEEN VACUUM RECOVERY SYSTEMS, DONGWON, MODEL DWVR50, 1766 CFM CAPACITY EACH, S/N TBD, EACH WITH AN INTEGRATED CYCLONE AND BAGHOUSE DUST COLLECTION SYSTEM; AND A SECONDARY BAGHOUSE, DONALDSON TORIT MODEL DOWNFLO II DFT 4-32, 10593 CFM CAPACITY, VENTING THE BLAST MEDIA AUTO DUMP, CHUTE, BUCKET ELEVATOR, SEPARATOR AND THE VACUUM RECOVERY SYSTEMS.

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 52.  

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.  

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. A PERMIT SHIELD IS GRANTED FROM ENFORCEMENT ACTION FOR THE FOLLOWING REQUIREMENTS: RULE 54, BASED ON THE DISTRICT'S DETERMINATION THAT THIS RULE IS NOT APPLICABLE TO THE ABOVE EQUIPMENT BECAUSE THE PROCESS IS NOT A BULK MATERIAL HANDLING PROCESS.  
   [RULE 1410]  
2. PERMITTEE SHALL COMPLY WITH THE FOLLOWING APPLICABLE REQUIREMENTS: RULE 52.  
   [RULE 1421]  
3. PERMITTEE SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SOURCE PARTICULATE MATTER IN EXCESS OF 0.10 GRAIN PER DRY STANDARD CUBIC FOOT.  
   [RULE 52]  
4. IF REQUESTED BY THE DISTRICT OR EPA, THE PARTICULATE MATTER EMISSION CONCENTRATION SHALL BE DETERMINED USING DISTRICT METHOD 5.  
   [RULE 52]  
5. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
   [NSR]
6. AIR POLLUTION CONTROL EQUIPMENT SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AND SHALL BE IN FULL OPERATION IN ACCORDANCE WITH MANUFACTURER’S INSTRUCTIONS AT ALL TIMES WHEN THE PROCESS EQUIPMENT IS IN OPERATION.

7. ALL PROCESS EQUIPMENT SHALL BE MAINTAINED AND OPERATED SO THAT THERE IS NO LEAKAGE OF AIR CONTAMINANTS TO THE ATMOSPHERE PRIOR TO THEIR TREATMENT IN THE AIR POLLUTION CONTROL SYSTEM.

8. THIS EQUIPMENT SHALL NOT BE USED TO REMOVE SURFACE COATINGS CONTAINING TOXIC MATERIALS, AS IDENTIFIED IN DISTRICT RULE 1200, EXCEPT FOR ZINC AND ZINC COMPOUNDS

9. THE EQUIPMENT SHALL ONLY USE STEEL SHOT OR STEEL GRIT ABRASIVE BLASTING MATERIAL

10. A DIFFERENTIAL PRESSURE GAUGE SHALL BE INSTALLED ACROSS THE ABRASIVE BLAST CELL AND SECONDARY BAGHOUSE FILTERS AND MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES TO MEASURE THE PRESSURE DROP ACROSS THE FILTER MEDIA. THE PRESSURE DROP ACROSS THE FILTER MEDIA SHALL BE MAINTAINED BETWEEN 0.4 AND 7 INCHES OF WATER COLUMN GAUGE (WCG).


12. MECHANICAL SHAKING OR REVERSE PULSE FILTER CLEANING SHALL NOT RESULT IN DUST EMISSION FROM THE FILTER CABINETS OR DUST HOPPERS. DISPOSAL OF DUST FROM DUST HOPPERS SHALL NOT ALLOW DUST ENTRAINMENT INTO THE ATMOSPHERE.

13. COLLECTED SPENT ABRASIVE AND DUST SHALL BE EMPTIED INTO A CONTAINER WHICH SHALL BE SEALED AND DISPOSED OF IN A MANNER WHICH PREVENTS DISPERAL OF DUST INTO THE ATMOSPHERE.

14. THE PERMITTEE SHALL PERFORM THE FOLLOWING MONITORING AT LEAST ONCE EVERY MONTH AND MAINTAIN RECORDS OF THE RESULTS: 1) VISUALLY INSPECT THE DUST COLLECTOR SYSTEM TO VERIFY IT IS IN GOOD WORKING ORDER; AND 2) OBSERVE THE DUST COLLECTOR EXHAUST TO DETECT ANY VISIBLE EMISSIONS USING EPA METHOD 22. IF ANY VISIBLE EMISSIONS ARE OBSERVED, PERMITTEE SHALL TAKE IMMEDIATE CORRECTIVE ACTIONS FOR EQUIPMENT MALFUNCTION SUCH AS, BUT NOT LIMITED TO: FILTER CARTRIDGE BREAK OR TEAR REPLACING FILTER CARTRIDGE; MISALIGNMENT OF FILTER CARTRIDGE REALIGNING FILTER CARTRIDGE; AND FILTER CARTRIDGE PLUGGAGE REPLACING FILTER CARTRIDGE.

15. A LOG OF ALL INSPECTIONS, REPAIRS, MALFUNCTIONS AND BREAKDOWNS OF THE DUST COLLECTOR SHALL BE MAINTAINED ON-SITE FOR THE ABOVE EQUIPMENT.

16. THE DIFFERENTIAL PRESSURE GAUGES INSTALLED ACROSS ABRASIVE BLAST CELL AND SECONDARY BAGHOUSE FILTER SYSTEMS SHALL BE PROPERLY CALIBRATED TO OPERATE WITHIN THE RANGE OF 0 TO 8 INCHES OF WATER COLUMN GAUGE (WCG). THE DIFFERENTIAL PRESSURE GAUGES INSTALLED ACROSS THE VACUUM RECOVERY BAGHOUSE SYSTEMS SHALL BE PROPERLY CALIBRATED TO OPERATE WITHIN THE RANGE OF 0 TO 300 MILLIMETERS OF WATER COLUMN GAUGE (WCG). GAUGE READING IN SECTION(S) USED, AS LABELED, THE PERMITTEE SHALL RECORD THE FILTER BAGHOUSE PRESSURE DIFFERENTIAL AT THE START OF EACH SHIFT AND MIDWAY THROUGH EACH SHIFT EACH DAY THE EQUIPMENT IS OPERATED. THERE ARE THREE 8-HOUR SHIFTS.
DURING A 24-HOUR OPERATING DAY. THE PERMITTEE SHALL MAINTAIN THESE RECORDS ONSITE FOR FIVE YEARS AND MAKE AVAILABLE TO THE DISTRICT UPON REQUEST.

[40 CFR PART 64]

17. THE AUTOMATIC CLEANING CYCLE FOR THE ABRASIVE BLAST CELL MAIN AND SECONDARY CONTROL SYSTEM CARTRIDGE FILTERS SHALL BE SET TO ENSURE THAT THE BAGHOUSE CLEANUP CYCLE OCCURS WHEN THE BAGHOUSE DIFFERENTIAL PRESSURE IS WITHIN THE RANGE OF 3 TO 5" W.C.G OR EARLIER.

[40 CFR PART 64]

18. FOR PURPOSES OF THIS PERMIT, AN EXCURSION IS EACH OCCURRENCE OF ANY OF THE FOLLOWING: A VACUUM RECOVERY BAGHOUSE PRESSURE DIFFERENTIAL READING THAT IS EQUAL TO OR LESS THAN 5 MM WCG OR EQUAL TO OR GREATER THAN 205 MM WCG; AN ABRASIVE BLAST CELL OR SECONDARY BAGHOUSE PRESSURE DIFFERENTIAL READING THAT IS EQUAL TO OR LESS THAN 0.2 IN. WCG OR EQUAL TO OR GREATER THAN 7.2 IN. WCG; OR AN INDICATION OF VISIBLE EMISSIONS AS DETERMINED BY EPA METHOD 22. IF THE BAGHOUSE DIFFERENTIAL PRESSURE IS OUTSIDE THE SPECIFIED RANGE OR IF VISIBLE EMISSIONS ARE DETECTED, THE PERMITTEE SHALL RESTORE THE DIFFERENTIAL PRESSURE TO ITS NORMAL RANGE OR ELIMINATE THE VISIBLE EMISSIONS AS EXPEDITIOUSLY AS PRACTICAL.

[40 CFR PART 64]

19. THE PERMITTEE SHALL IMPLEMENT A QUALITY IMPROVEMENT PLAN IN ACCORDANCE WITH 40 CFR PART 64.8 IF FIVE EXCURSIONS OCCUR WITHIN A 12-CONSECUTIVE-MONTH PERIOD.

[40 CFR PART 64]

20. THE PERMITTEE SHALL REPORT EACH EXCURSION IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 64.9.

[40 CFR PART 64]

21. THE DISTRICT RESERVES THE RIGHT TO MODIFY THE CAM PLAN REQUIREMENTS BASED ON PERFORMANCE ONCE THE EQUIPMENT IS OPERATED.

[40 CFR PART 64]

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

22. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).

[AIR TOXICS HOTS SPOTS]

23. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT  
10124 OLD GROVE RD, SAN DIEGO, CA 92131  
(858) 586-2600 FAX (858) 586-2601  
PERMIT NO. 911437  
EXPIRES  
June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE  
NATIONAL STEEL & SHIPBUILDING  
PO BOX 85278 MS 20 J  
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS  
28TH ST & HARBOR DR  
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION  
FACILITY-WIDE WOOD COATING APPLICATION AND ADHESIVE APPLICATION OPERATION: USING HIGH TRANSFER EFFICIENCY APPLICATION METHODS (PER RULE 67.11) TO APPLY VARIOUS COATINGS TO WOOD PRODUCTS AND VARIOUS ADHESIVES TO WOOD AND PLASTIC PRODUCTS

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 67.11 AND 67.21. FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. PERMITTEE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 67.21. [RULE 1421]

2. A PERMIT SHIELD IS GRANTED FROM ENFORCEMENT ACTION FOR THE FOLLOWING REQUIREMENTS: RULE(S) 52, 67.3, AND 67.5, BASED ON THE DISTRICT'S DETERMINATION THAT THESE RULES ARE NOT APPLICABLE TO THE ABOVE EQUIPMENT. [RULE 1421]

3. PROVIDED THAT THE PERMITTEE MAINTAINS MONTHLY PURCHASE AND MONTHLY OR DAILY USAGE RECORDS OF WOOD PRODUCTS COATING AND ASSOCIATED SOLVENTS TO DEMONSTRATE THAT THE FACILITY APPLIES LESS THAN 500 GALLONS PER CONSECUTIVE 12-MONTH PERIOD OF COATING TO WOOD PRODUCTS, THE PERMITTEE IS GRANTED A PERMIT SHIELD FROM ENFORCEMENT ACTION FOR RULE 67.11. [RULE 1421]

4. EMISSIONS OF VOLATILE ORGANIC COMPOUNDS (VOC) FROM THIS EQUIPMENT SHALL NOT EXCEED 5 TONS IN ANY 12 CONSECUTIVE MONTHS. (NSR) [Rule(s) NSR, 21]

5. PERMITTEE SHALL NOT USE THIS EMISSION UNIT TO APPLY COATINGS OR ADHESIVES TO SHIPS. (RULE 67.11, RULE 67.21)

6. WOOD COATINGS SHALL BE APPLIED USING HIGH VOLUME LOW PRESSURE (HVLP) PAINT SPRAY GUN OR ANY OTHER COATING APPLICATION METHOD SPECIFIED IN RULE 67.11(D)(1). (RULE 67.11)

7. WOOD COATING MATERIALS SHALL HAVE A VOLATILE ORGANIC COMPOUND (VOC) AS APPLIED CONTENT, EXCLUDING WATER AND EXEMPT COMPOUNDS, EQUAL TO OR LESS THAN VOC STANDARDS SPECIFIED IN RULE 67.11(D)(2). (RULE 67.11)

8. PERMITTEE SHALL NOT USE VOC CONTAINING MATERIALS FOR THE CLEANING OF APPLICATION EQUIPMENT UNLESS THE MATERIAL OR METHOD OF CLEANING COMPLIES WITH THE PROVISIONS OF RULE 67.11(D). (RULE 67.11)

9. ADHESIVE MATERIALS, ADHESIVE BONDING AGENTS, STRIPPING, SURFACE PREPARATION, AND CLEANING MATERIALS USED IN THIS ADHESIVES MATERIALS APPLICATION OPERATION SHALL COMPLY WITH RULE 67.21 REQUIREMENTS. (RULE 67.21)

10. PERMITTEE SHALL NOT USE MATERIALS CONTAINING HEXAVALENT CHROMIUM, NICKEL, CADMIUM, LEAD, COPPER, BERYLLIUM, MANGANESE, OR ARSENIC IN THE ABOVE OPERATION. (RULE 1200)

Permit Conditions Continued...
11. CURRENT MATERIAL SAFETY DATA SHEETS (MSDS) OR MANUFACTURER'S SPECIFICATIONS REGARDING VOLATILE ORGANIC COMPOUND (VOC) AND/OR TOXIC AIR CONTAMINANT (TAC, SEE RULE 1200) CONTENT SHALL BE MAINTAINED ON SITE FOR ALL MATERIALS AND MADE READILY AVAILABLE TO THE DISTRICT UPON REQUEST. (RULE 67.11, RULE 1200).

12. AVERAGE COMBINED MATERIAL USAGE OF WOOD COATING AND ADHESIVE FROM THIS EMISSION UNIT SHALL NOT EXCEED 10 GALLONS PER DAY PER CALENDAR MONTH. IF MONTHLY MATERIAL USAGE RECORDS ARE MAINTAINED, THE NUMBER OF MATERIAL USAGE DAYS PER CALENDAR MONTH SHALL BE RECORDED. AVERAGE DAILY MATERIAL USAGE IS DETERMINED BY DIVIDING THE COMBINED MONTHLY MATERIAL USAGE BY THE NUMBER OF MATERIAL USAGE DAYS PER CALENDAR MONTH. (NSR)

13. USAGE RECORDS SHALL BE MAINTAINED ON SITE ON A DAILY OR MONTHLY BASIS AND SHALL BE MADE READILY AVAILABLE TO THE DISTRICT UPON REQUEST. RECORDS SHALL, AT A MINIMUM, CONTAIN THE FOLLOWING INFORMATION: THE TYPE OF SUBSTRATE COATED (WOOD PARTS, PLASTIC PARTS, ETC.) THE MATERIAL MANUFACTURER NAME AND IDENTIFICATION (INCLUDING THE MATERIAL TYPE: STAIN, VARNISH, HARDENER, REDUCER, ADHESIVE, CLEAN-UP SOLVENT, ETC.), VOC CONTENT, MIX RATIO AND THE VOLUME OF EACH MATERIAL USED. (NSR)

14. COATINGS APPLIED TO WOOD PRODUCTS SHALL NOT EXCEED 500 GALLONS IN ANY TWELVE (12) MONTH PERIOD. (RULE 67.11)

15. THE PERMITTEE WILL HAVE AVAILABLE ON SITE PRESSURE GAUGE(S) IN PROPER OPERATING CONDITION TO MEASURE THE AIR CAP PRESSURE OF COATING APPLICATION EQUIPMENT OR HAVE AVAILABLE MANUFACTURER'S TECHNICAL INFORMATION SHOWING THE CORRELATION BETWEEN THE HANDLE AIR INLET PRESSURE AND THE AIR CAP PRESSURE. IF THE CORRELATION OPTION SPECIFIED ABOVE IS CHOSEN TO DEMONSTRATE COMPLIANCE, A HANDLE AIR INLET PRESSURE GAUGE WILL BE REQUIRED ON SITE IN PROPER OPERATING CONDITION TO MEASURE THE HANDLE AIR INLET PRESSURE. THE PERMITTEE SHALL MAINTAIN A PERMANENT AIR PRESSURE AT THE AIR CAP IN THE RANGE OF 0.1 TO 10 PSIG. THIS CONDITION APPLIES ONLY TO THOSE OPERATIONS WHICH CLAIM THE USE OF HIGH VOLUME LOW PRESSURE (HVLP) APPLICATION EQUIPMENT TO COMPLY WITH DISTRICT RULES. [RULE 21]

16. ALL SOLVENTS, MATERIALS CONTAINING SOLVENTS AND OTHER MATERIALS CONTAINING ORGANIC COMPOUNDS SHALL BE STORED IN CLOSED CONTAINERS IN ACCORDANCE WITH RULE 67.17 REQUIREMENTS. (RULE 67.17)

B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

17. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.). [AIR TOXICS HOT SPOTS]

18. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO. 000878
EXPIRES June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
MARINE COATING OPERATION CONSISTING OF: PAINT CELL #1: A CUSTOM BUILT ENCLOSED CELL 100'L X 80'W X 65'H, EQUIPPED WITH:
A REGENERATIVE THERMAL OXIDIZER, ADWEST RETOX 5.0, AND AN ASSOCIATED ROTARY ZEOLITE WHEEL SOLVENT CONCENTRATOR, MUNTERS MODEL 1ZS-4200-RTO; CHART RECORDED/DATA LOGGER; AND FILTERS, CERTIFIED BY THE MANUFACTURER TO ACHIEVE AT LEAST 90% OF CONTROL EFFICIENCY.
STACK PARAMETERS: HEIGHT: 77 FT; DIAMETER: 5 FT; NO RAIN CAP; EXHAUST FLOW RATE 51,200 CFM

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 67.18 AND NESHAP SUBPART II.
FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. A PERMIT SHIELD IS GRANTED FROM ENFORCEMENT ACTION FOR THE FOLLOWING REQUIREMENTS: RULE 66, RULE 67.3, RULE 67.4, AND RULE 67.6 BASED ON THE DISTRICT’S DETERMINATION THAT THESE RULES ARE NOT APPLICABLE TO THE ABOVE EQUIPMENT.
   [RULE 1410]
2. PERMITTEE SHALL COMPLY WITH THE FOLLOWING APPLICABLE REQUIREMENTS: RULE 67.18, 67.17, AND NESHAP SUBPART II.
   [RULE 1421]
3. AIR POLLUTION CONTROL EQUIPMENT SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AND SHALL BE FUNCTIONING ACCORDING TO MANUFACTURER INSTRUCTIONS OR STANDARD OPERATING AND MAINTENANCE PRACTICES (SOP) AT ALL TIMES WHEN THE PROCESS EQUIPMENT IS IN OPERATION, EXCEPT AS OTHERWISE ALLOWED IN THIS PERMIT.
   [NSR]
4. COATINGS SHALL NOT BE APPLIED UNLESS EXHAUST FANS AND EXHAUST FILTERS OR WATER-WASH CURTAINS ARE INSTALLED AND OPERATING PROPERLY.
   [RULE 1200, NSR]
5. THE EMISSIONS OF VOLATILE ORGANIC COMPOUNDS (VOCS) FROM EACH OF THE MARINE COATING OPERATIONS DESCRIBED ABOVE SHALL NOT EXCEED 2.0 TONS PER EACH CONSECUTIVE 12-MONTH PERIOD.
   [NSR]
6. PERMITTEE SHALL MAINTAIN DAILY RECORDS FOR EACH MARINE COATING OPERATION DESCRIBED ABOVE. THESE RECORDS SHALL INCLUDE, AT MINIMUM, THE USAGE OF VOC CONTAINING MATERIALS AND A CURRENT LIST OF VOC CONTAINING MATERIALS USED AND THE MANUFACTURER’S NAME AND PRODUCT IDENTIFICATION. [NSR]

7. THE TEMPERATURE OF EACH THERMAL OXIDIZER SHALL BE OPERATED ABOVE 1400 DEGREES FAHRENHEIT WHEN COATING AND/OR CLEANING OPERATIONS FOR THE ABOVE PROCESS IS BEING PERFORMED. A TEMPERATURE INDICATING DEVICE AND A TEMPERATURE RECORDER SHALL BE INSTALLED ON THE THERMAL OXIDIZER SO THAT THE COMBUSTION CHAMBER TEMPERATURE CAN BE DIRECTLY MEASURED AND RECORDED. [NSR]

8. THE OXIDIZER UNIT SHALL BE PROVIDED WITH A CONTROL SYSTEM CAPABLE OF CONTROLLING AND MONITORING THE COMBUSTION CHAMBER TEMPERATURE. THE SYSTEM SHALL CONTINUOUSLY MONITOR AND RECORD THE COMBUSTION CHAMBER GAS TEMPERATURE BY USE OF A CHART RECORDER AND/OR DATA LOGGER ON-SITE. [NSR]

9. IN THE EVENT THAT THE OXIDIZER’S TEMPERATURE IS AT OR BELOW 1400 DEGREES FAHRENHEIT, THE PERMITTEE SHALL RECORD ANY CORRECTIVE ACTION TO ADDRESS THIS DEFICIENCY (I.E., MAINTENANCE, REPAIR OR REPLACEMENT). THIS RECORD SHALL BE MAINTAINED ON SITE FOR AT LEAST FIVE (5) YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [NSR]

10. PERMITTEE SHALL NOT USE COATINGS CONTAINING CHLORINATED SOLVENTS IN THE PROCESS DESCRIBED ABOVE. [RULE 1200]

11. THE ABOVE EQUIPMENT SHALL BE EQUIPPED WITH AN EXHAUST STACK WITH TEST PORTS AND PROVISIONS FOR PERSONNEL ACCESS (E.G., SCAFFOLDING, PLATFORMS) FOR SOURCE TESTING. THE STACK DESIGN WITH THE LOCATIONS OF CONTROL DEVICE INLET AND EXHAUST TEST PORTS, ACCESS PROVISIONS, PLATFORMS, ETC. SHALL BE SUBMITTED TO, AND APPROVED BY, THE DISTRICT’S MONITORING AND TECHNICAL SERVICES DIVISION (SOURCE TEST SECTION, (858) 586-2775). [NSR]

12. MEASUREMENT OF THE EMISSIONS COLLECTION SYSTEM CAPTURE EFFICIENCY SHALL BE CONDUCTED USING A PROTOCOL APPROVED BY THE AIR POLLUTION CONTROL OFFICER. SUBSEQUENT TO THE INITIAL COMPLIANCE DEMONSTRATION PERIOD, APPLICABLE KEY OPERATING SYSTEM PARAMETERS, AS APPROVED BY THE AIR POLLUTION CONTROL OFFICER, SHALL BE USED AS INDIRECT VERIFICATION THAT CAPTURE EFFICIENCY PERFORMANCE HAS NOT BEEN DIMINISHED. [RULE 67.18]

13. IN ACCORDANCE WITH ACCEPTED DISTRICT TEST METHODS, THIS CONTROL EQUIPMENT SHALL ACHIEVE A MINIMUM CONTROL EFFICIENCY OF 95%. [NSR]

14. AT THE END OF EACH OPERATING DAY, AFTER ALL COATING APPLICATION HAS STOPPED, THE EXHAUST SYSTEM AND THERMAL OXIDIZER SHALL BE KEPT OPERATING FOR AT LEAST ONE ADDITIONAL REVOLUTION OF THE ZEOLITE ADSORPTION ROTOR TO DESORB AND DESTROY ANY RESIDUAL VOC. [NSR]

15. SOURCE TESTING OF THE EQUIPMENT SHALL BE CONDUCTED AT TYPICAL PROCESS LOADS AND FLOW RATES TO DETERMINE THE VOC DESTRUCTION EFFICIENCY. THE RESULTS OF THE SOURCE TESTING SHALL INCLUDE, BUT NOT BE LIMITED TO, EMISSION RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE INLET (AS APPLICABLE) AND OUTLET OF THE CONTROL EQUIPMENT. [NSR]

16. THE PERMITTEE SHALL DEMONSTRATE PROPERLY OPERATING MANUFACTURING EQUIPMENT COLLECTION SYSTEMS ASSOCIATED WITH THE CONTROL EQUIPMENT BY PERFORMING A SMOKE TEST AT THE REQUEST OF THE DISTRICT. [NSR]
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO.
000878
EXPIRES
June 15, 2016

17. IN ORDER TO DEMONSTRATE COMPLIANCE WITH THE EMISSION STANDARDS CONTAINED IN
THIS PERMIT, EACH PAINT CELL, EQUIPPED WITH AN ASSOCIATED ZEOLITE CONCENTRATOR
AND THERMAL OXIDIZER, SHALL BE SOURCE TESTED ONCE EVERY THREE YEARS AS
DESCRIBED BELOW:
A. CELL #1 SHALL BE TESTED IN THE YEAR 2012 AND ONCE EVERY THREE YEARS
THEREAFTER;
B. CELL# 2 AND CELL #3 SHALL BE TESTED IN THE YEAR 2013 AND ONCE EVERY THREE
YEARS THEREAFTER;
C. CELL#4 AND CELL#5 SHALL BE TESTED IN THE YEAR 2014 AND ONCE EVERY THREE
YEARS THEREAFTER;
IN THE EVENT A SOURCE TEST FAILS WHILE TESTING ANY PAINT CELL, ALL PAINT CELLS
SHALL BE TESTED ONCE EVERY PERMIT YEAR. THE PERMITTEE SHALL SUBMIT AN
APPLICATION TO THE DISTRICT AND WAIT FOR WRITTEN AUTHORIZATION PRIOR TO
REINSTATING THE THREE-YEAR TESTING FREQUENCY. (RULES 1200 AND 20.3)

18. FOR THE PURPOSES OF THIS PERMIT TO OPERATE, A PERMIT YEAR IS THE 12-MONTH
PERIOD ENDING ON THE LAST DAY OF THE PERMIT EXPIRATION MONTH. IT IS THE
RESPONSIBILITY OF THE PERMITTEE TO SCHEDULE THE SOURCE TEST WITH THE DISTRICT.
ALL SOURCE TESTS SHALL BE PERFORMED OR WITNESSED BY THE DISTRICT. (RULES 1200
AND 20.3)

19. CURRENT MATERIAL SAFETY DATA SHEETS (MSDS) OR MANUFACTURER’S SPECIFICATIONS
REGARDING VOLATILE ORGANIC COMPOUND (VOC) AND TOXIC AIR CONTAMINANT (TAC)
CONTENT SHALL BE MAINTAINED ON SITE AND MADE READILY AVAILABLE TO THE DISTRICT
UPON REQUEST. MSDS AND MANUFACTURER’S SPECIFICATIONS SHALL, AT A MINIMUM,
CONTAIN THE FOLLOWING INFORMATION: VOC CONTENT WEIGHT OR WEIGHT
PERCENTAGE, TAC CONTENT WEIGHT OR WEIGHT PERCENTAGE AND MATERIAL DENSITY
(WEIGHT PER VOLUME) OR MATERIAL SPECIFIC GRAVITY (MATERIAL DENSITY RELATIVE TO
WATER).
[NSR, RULE 1200]

20. PERMITTEE SHALL OPERATE IN COMPLIANCE WITH ALL APPLICABLE STANDARDS OF RULE
67.18 SECTION (D), CONSISTING OF SURFACE PREPARATION AND CLEANUP REQUIREMENTS,
COATING VOC LIMITS AND APPLICATION EQUIPMENT CLEANUP REQUIREMENTS.
[RULE 67.18]

21. PERMITTEE SHALL MAINTAIN RECORDS IN ACCORDANCE WITH ALL APPLICABLE
REQUIREMENT OF RULE 67.18 SECTION (F). THE RECORDS SHALL AT A MINIMUM
CONTAIN THE FOLLOWING INFORMATION: THE TYPE OF SUBSTRATE COATED (METAL PARTS,
AEROSPACE COMPONENT, ETC.), THE TYPE OF COATING APPLIED (BASECOAT, HARDENER,
THINNER, CLEAN-UP, ETC., INCLUDING THE MANUFACTURER’S IDENTIFICATION NUMBER),
MIX RATIOS AND THE VOLUMES OF EACH MATERIAL CONTAINING VOLATILE ORGANIC
COMPounds (VOCs) USED. THESE RECORDS SHALL BE MAINTAINED ON SITE FOR A
PERIOD OF AT LEAST THREE YEARS AND SHALL BE MADE READILY AVAILABLE TO THE
DISTRICT UPON REQUEST.
[RULE 67.18]

22. UPON REQUEST OF THE DISTRICT AND/OR EPA THE VOC CONTENT OF MARINE COATINGS,
CLEANING AND SURFACE PREPARATION MATERIALS SHALL BE TESTED IN ACCORDANCE
WITH RULE 67.18 SECTION (G).
[RULE 67.18]

23. ALL RECORDS SHALL BE RETAINED ON SITE FOR AT LEAST THREE (3) YEARS AND MADE
READILY AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 67.18]

24. PERMITTEE SHALL OPERATE THE MARINE COATING OPERATIONS DESCRIBED ABOVE IN
COMPLIANCE WITH ALL APPLICABLE STANDARDS OF 40 CFR PART 63.783, INCLUDING
COATING VOHAP LIMITS AND COATING HANDLING, TRANSFER, AND CONTAINER
REQUIREMENTS.
[NESHAPS SUBPART II]
25. PERMITTEE SHALL MAINTAIN RECORDS AND PREPARE REPORTS FOR THE COATING OPERATIONS DESCRIBED ABOVE IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF 40 CFR PART 63.788. SUCH RECORDS SHALL BE MAINTAINED ON SITE FOR A PERIOD OF NO LESS THAN FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT OR EPA UPON REQUEST.  
[NESSAPS SUBPART II]
26. THE APPLICABLE TEST METHODS LISTED IN 40 CFR PART 63.786 SHALL BE USED TO DETERMINE COATING VOHAP CONTENT.  
[NESSAPS SUBPART II]
27. ALL MATERIALS CONTAINING VOLATILE ORGANIC COMPOUNDS SHALL BE STORED IN CLOSED CONTAINERS IN ACCORDANCE WITH RULE 67.17 REQUIREMENTS. (RULE 67.17)

28. IN ADDITION TO ALL OF THE CONDITIONS IN THIS PERMIT, THE FOLLOWING FOUR CONDITIONS SHALL APPLY WHEN A CONTRACTOR CONDUCTS ANY MARINE COATING OPERATION UNDER THIS PERMIT. FOR THE PURPOSES OF THIS PERMIT, A CONTRACTOR IS ANY PERSON NOT EMPLOYED BY THIS STATIONARY SOURCE AND THE PERMITTEE IS EMPLOYED BY THE STATIONARY SOURCE.

29. CONTRACTORS PERFORMING MARINE COATING OPERATIONS SHALL BE PROVIDED A COPY OF THIS PERMIT PRIOR TO COMMENCING COATING OPERATIONS. (RULE 21)

30. CONTRACTORS SHALL COMPLY WITH ALL CONDITIONS IN THIS PERMIT TO OPERATE. (RULE 21)

31. CONTRACTORS SHALL REPORT THE FOLLOWING INFORMATION TO THE PERMITTEE FOR EACH MARINE COATING OPERATION CONDUCTED UNDER THIS PERMIT IN A FORMAT APPROVED BY THE PERMITTEE. THE INFORMATION UNDER ITEMS A AND B BELOW SHALL BE PROVIDED TO THE PERMITTEE PRIOR TO COMMENCING ANY MARINE COATING OPERATION. (RULE 67.18 AND 21)

A. CURRENT LIST OF ALL MATERIALS CONTAINING VOC AND/OR TAC, INCLUDING COATINGS, COATING COMPONENTS (BASES, CATALYSTS, THINNERS, ETC.), SURFACE PREPARATION, STRIPPING AND EQUIPMENT CLEANING MATERIALS IN USE. MATERIALS SHALL BE IDENTIFIED AS FOLLOWS:

1. COATINGS SHALL SPECIFY CATEGORY AS PER RULE 67.18(D)(1) AND 67.18(D)(2), MANUFACTURER NAME, MANUFACTURER IDENTIFICATION, VOC CONTENT AND MIX RATIO;
2. COATING COMPONENTS SHALL SPECIFY MANUFACTURER NAME, IDENTIFICATION, VOC CONTENT AND MIX RATIO;
3. SURFACE PREPARATION MATERIALS AND EQUIPMENT CLEANING MATERIALS SHALL SPECIFY MANUFACTURER NAME AND MANUFACTURER IDENTIFICATION. VOC CONTENT, VAPOR PRESSURE AND BOILING POINT SHALL BE LISTED AS APPLICABLE TO DEMONSTRATE COMPLIANCE WITH RULE 67.18;
4. CURRENT DOCUMENTATION TO DEMONSTRATE APPLICABILITY OF ANY SPECIALTY COATING CATEGORY PURSUANT TO RULE 67.18(D)(2);

B. CURRENT MSDS OR MANUFACTURER'S SPECIFICATIONS FOR ALL MATERIALS CONTAINING VOCS AND/OR TACS. MSDS OR MANUFACTURER'S SPECIFICATIONS SHALL, AT MINIMUM, CONTAIN THE FOLLOWING INFORMATION: VOC CONTENT BY WEIGHT OR WEIGHT PERCENTAGE, TAC CONTENT BY WEIGHT OR WEIGHT PERCENTAGE, DRYING TIME FOR EACH COATING, AND MATERIAL DENSITY (WEIGHT PER VOLUME) OR MATERIAL SPECIFIC GRAVITY (MATERIAL DENSITY RELATIVE TO THE DENSITY OF WATER); AND,

C. DAILY OR MONTHLY USAGE RECORDS FOR ALL MATERIALS CONTAINING VOCS AND/OR TACS FOR EACH PAINT CELL.

32. THE PERMITTEE SHALL ENSURE THE USAGE AND/OR EMISSION LIMITATION IN THIS PERMIT IS NOT EXCEEDED BASED ON THE USAGE RECORDS OBTAINED FROM THE CONTRACTOR.
B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

33. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).

34. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO. 001047
EXPIRES June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE
DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE
EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE
OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON
THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
MARINE COATING OPERATION CONSISTING OF: PAINT CELL #2: A CUSTOM BUILT ENCLOSED
CELL 100'L X 80'W X 65'H, EQUIPPED WITH:
A REGENERATIVE THERMAL OXIDIZER, ADWEST RETOX 5.0, AND AN ASSOCIATED ROTARY
ZEOLITE WHEEL SOLVENT CONCENTRATOR, MUNTERS MODEL 1ZS-4200-RTO; CHART
RECORDED/DATA LOGGER; AND FILTERS, CERTIFIED BY THE MANUFACTURER TO ACHIEVE
AT LEAST 90% OF CONTROL EFFICIENCY.
STACK PARAMETERS: HEIGHT: 77 FT; DIAMETER: 5 FT; NO RAIN CAP; EXHAUST FLOW RATE
51,200 CFM

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH
THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES,
INCLUDING BUT NOT LIMITED TO RULE(S) 67.18 AND NESHAP SUBPART II.
FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL
PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. A PERMIT SHIELD IS GRANTED FROM ENFORCEMENT ACTION FOR THE FOLLOWING
REQUIREMENTS: RULE 66, RULE 67.3, RULE 67.4, AND RULE 67.6 BASED ON THE DISTRICT’S
DETERMINATION THAT THESE RULES ARE NOT APPLICABLE TO THE ABOVE EQUIPMENT.
[RULE 1410]
2. PERMITTEE SHALL COMPLY WITH THE FOLLOWING APPLICABLE REQUIREMENTS: RULE
67.18, 67.17, AND NESHAP SUBPART II.
[RULE 1421]
3. AIR POLLUTION CONTROL EQUIPMENT SHALL BE MAINTAINED IN GOOD OPERATING
CONDITION AND SHALL BE FUNCTIONING ACCORDING TO MANUFACTURER INSTRUCTIONS
OR STANDARD OPERATING AND MAINTENANCE PRACTICES (SOP) AT ALL TIMES WHEN THE
PROCESS EQUIPMENT IS IN OPERATION, EXCEPT AS OTHERWISE ALLOWED IN THIS PERMIT.
[NSR]
4. COATINGS SHALL NOT BE APPLIED UNLESS EXHAUST FANS AND EXHAUST FILTERS OR
WATER-WASH CURTAINS ARE INSTALLED AND OPERATING PROPERLY.
[RULE 1200, NSR]
5. THE EMISSIONS OF VOLATILE ORGANIC COMPOUNDS (VOCS) FROM EACH OF THE MARINE
COATING OPERATIONS DESCRIBED ABOVE SHALL NOT EXCEED 2.0 TONS PER EACH
CONSECUTIVE 12-MONTH PERIOD.
PERMIT NO. 001047
EXPIRES June 15, 2016


[NSR] 7. THE TEMPERATURE OF EACH THERMAL OXIDIZER SHALL BE OPERATED ABOVE 1400 DEGREES FAHRENHEIT WHEN COATING AND/OR CLEANING OPERATIONS FOR THE ABOVE PROCESS IS BEING PERFORMED. A TEMPERATURE INDICATING DEVICE AND A TEMPERATURE RECORDER SHALL BE INSTALLED ON THE THERMAL OXIDIZER SO THAT THE COMBUSTION CHAMBER TEMPERATURE CAN BE DIRECTLY MEASURED AND RECORDED.

[NSR] 8. THE OXIDIZER UNIT SHALL BE PROVIDED WITH A CONTROL SYSTEM CAPABLE OF CONTROLLING AND MONITORING THE COMBUSTION CHAMBER TEMPERATURE. THE SYSTEM SHALL CONTINUOUSLY MONITOR AND RECORD THE COMBUSTION CHAMBER GAS TEMPERATURE BY USE OF A CHART RECORDER AND/OR DATA LOGGER ON-SITE.

[NSR] 9. IN THE EVENT THAT THE OXIDIZER’S TEMPERATURE IS AT OR BELOW 1400 DEGREES FAHRENHEIT, THE PERMITTEE SHALL RECORD ANY CORRECTIVE ACTION TO ADDRESS THIS DEFICIENCY (I.E., MAINTENANCE, REPAIR OR REPLACEMENT). THIS RECORD SHALL BE MAINTAINED ON SITE FOR AT LEAST FIVE (5) YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

[NSR] 10. PERMITTEE SHALL NOT USE COATINGS CONTAINING CHLORINATED SOLVENTS IN THE PROCESS DESCRIBED ABOVE.

[RULE 1200] 11. THE ABOVE EQUIPMENT SHALL BE EQUIPPED WITH AN EXHAUST STACK WITH TEST PORTS AND PROVISIONS FOR PERSONNEL ACCESS (E.G., SCAFFOLDING, PLATFORMS) FOR SOURCE TESTING. THE STACK DESIGN WITH THE LOCATIONS OF CONTROL DEVICE INLET AND EXHAUST TEST PORTS, ACCESS PROVISIONS, PLATFORMS, ETC. SHALL BE SUBMITTED TO, AND APPROVED BY, THE DISTRICT’S MONITORING AND TECHNICAL SERVICES DIVISION (SOURCE TEST SECTION, (858) 586-2775).

[NSR] 12. MEASUREMENT OF THE EMISSIONS COLLECTION SYSTEM CAPTURE EFFICIENCY SHALL BE CONDUCTED USING A PROTOCOL APPROVED BY THE AIR POLLUTION CONTROL OFFICER. SUBSEQUENT TO THE INITIAL COMPLIANCE DEMONSTRATION PERIOD, APPLICABLE KEY OPERATING SYSTEM PARAMETERS, AS APPROVED BY THE AIR POLLUTION CONTROL OFFICER, SHALL BE USED AS INDIRECT VERIFICATION THAT CAPTURE EFFICIENCY PERFORMANCE HAS NOT BEEN DIMINISHED.

[RULE 67.18] 13. IN ACCORDANCE WITH ACCEPTED DISTRICT TEST METHODS, THIS CONTROL EQUIPMENT SHALL ACHIEVE A MINIMUM CONTROL EFFICIENCY OF 95%.

[NSR] 14. AT THE END OF EACH OPERATING DAY, AFTER ALL COATING APPLICATION HAS STOPPED, THE EXHAUST SYSTEM AND THERMAL OXIDIZER SHALL BE KEPT OPERATING FOR AT LEAST ONE ADDITIONAL REVOLUTION OF THE ZEOLITE ADSORPTION ROTOR TO DESORB AND DESTROY ANY RESIDUAL VOC.

[NSR] 15. SOURCE TESTING OF THE EQUIPMENT SHALL BE CONDUCTED AT TYPICAL PROCESS LOADS AND FLOW RATES TO DETERMINE THE VOC DESTRUCTION EFFICIENCY. THE RESULTS OF THE SOURCE TESTING SHALL INCLUDE, BUT NOT BE LIMITED TO, EMISSION RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE INLET (AS APPLICABLE) AND OUTLET OF THE CONTROL EQUIPMENT.

[NSR] 16. THE PERMITTEE SHALL DEMONSTRATE PROPERLY OPERATING MANUFACTURING EQUIPMENT COLLECTION SYSTEMS ASSOCIATED WITH THE CONTROL EQUIPMENT BY PERFORMING A SMOKE TEST AT THE REQUEST OF THE DISTRICT.
17. In order to demonstrate compliance with the emission standards contained in this permit, each paint cell, equipped with an associated zeolite concentrator and thermal oxidizer, shall be source tested once every three years as described below:
   A. Cell #1 shall be tested in the year 2012 and once every three years thereafter;
   B. Cell #2 and Cell #3 shall be tested in the year 2013 and once every three years thereafter;
   C. Cell #4 and Cell #5 shall be tested in the year 2014 and once every three years thereafter;

   In the event a source test fails while testing any paint cell, all paint cells shall be tested once every permit year. The permittee shall submit an application to the district and wait for written authorization prior to reinstating the three-year testing frequency. (Rules 1200 and 20.3)

18. For the purposes of this permit to operate, a permit year is the 12-month period ending on the last day of the permit expiration month. It is the responsibility of the permittee to schedule the source test with the district. All source tests shall be performed or witnessed by the district. (Rules 1200 and 20.3)

19. Current Material Safety Data Sheets (MSDS) or manufacturer's specifications regarding volatile organic compound (VOC) and toxic air contaminant (TAC) content shall be maintained on site and made readily available to the district upon request. MSDS and manufacturer's specifications shall, at a minimum, contain the following information: VOC content weight or weight percentage, TAC content weight or weight percentage and material density (weight per volume) or material specific gravity (material density relative to water). [NSR, Rule 1200]

20. Permittee shall operate in compliance with all applicable standards of Rule 67.18 Section (D), consisting of surface preparation and cleanup requirements, coating VOC limits and application equipment cleanup requirements. [Rule 67.18]

21. Permittee shall maintain records in accordance with all applicable requirement of Rule 67.18 Section (F). The records shall at a minimum contain the following information: the type of substrate coated (metal parts, aerospace component, etc.), the type of coating applied (basecoat, hardener, thinner, clean-up, etc., including the manufacturer's identification number), mix ratios and the volumes of each material containing volatile organic compounds (VOCs) used. These records shall be maintained on site for a period of at least three years and shall be made readily available to the district upon request. [Rule 67.18]

22. Upon request of the district and/or EPA the VOC content of marine coatings, cleaning and surface preparation materials shall be tested in accordance with Rule 67.18 Section (G). [Rule 67.18]

23. All records shall be retained on site for at least three (3) years and made readily available to the district upon request. [Rule 67.18]

24. Permittee shall operate the marine coating operations described above in compliance with all applicable standards of 40 CFR Part 63.783, including coating VOHAP limits and coating handling, transfer, and container requirements.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO. 001047
EXPIRES
June 15, 2016

PERMITTEE SHALL MAINTAIN RECORDS AND PREPARE REPORTS FOR THE COATING OPERATIONS DESCRIBED ABOVE IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF 40 CFR PART 63.788. SUCH RECORDS SHALL BE MAINTAINED ON SITE FOR A PERIOD OF NO LESS THAN FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT OR EPA UPON REQUEST.

THE APPLICABLE TEST METHODS LISTED IN 40 CFR PART 63.786 SHALL BE USED TO DETERMINE COATING VOHAP CONTENT.

ALL MATERIALS CONTAINING VOLATILE ORGANIC COMPOUNDS SHALL BE STORED IN CLOSED CONTAINERS IN ACCORDANCE WITH RULE 67.17 REQUIREMENTS. (RULE 67.17)

IN ADDITION TO ALL OF THE CONDITIONS IN THIS PERMIT, THE FOLLOWING FOUR CONDITIONS SHALL APPLY WHEN A CONTRACTOR CONDUCTS ANY MARINE COATING OPERATION UNDER THIS PERMIT. FOR THE PURPOSES OF THIS PERMIT, A CONTRACTOR IS ANY PERSON NOT EMPLOYED BY THIS STATIONARY SOURCE AND THE PERMITTEE IS EMPLOYED BY THE STATIONARY SOURCE.

CONTRACTORS PERFORMING MARINE COATING OPERATIONS SHALL BE PROVIDED A COPY OF THIS PERMIT PRIOR TO COMMENCING COATING OPERATIONS. (RULE 21)

CONTRACTORS SHALL COMPLY WITH ALL CONDITIONS IN THIS PERMIT TO OPERATE. (RULE 21)

CONTRACTORS SHALL REPORT THE FOLLOWING INFORMATION TO THE PERMITTEE FOR EACH MARINE COATING OPERATION CONDUCTED UNDER THIS PERMIT IN A FORMAT APPROVED BY THE PERMITTEE. THE INFORMATION UNDER ITEMS A AND B BELOW SHALL BE PROVIDED TO THE PERMITTEE PRIOR TO COMMENCING ANY MARINE COATING OPERATION. (RULE 67.18 AND 21)

A. CURRENT LIST OF ALL MATERIALS CONTAINING VOC AND/OR TAC, INCLUDING COATINGS, COATING COMPONENTS (BASES, CATALYSTS, THINNERS, ETC.), SURFACE PREPARATION, STRIPPING AND EQUIPMENT CLEANING MATERIALS IN USE. MATERIALS SHALL BE IDENTIFIED AS FOLLOWS:
   1. COATINGS SHALL SPECIFY CATEGORY AS PER RULE 67.18(D)(1) AND 67.18(D)(2), MANUFACTURER NAME, MANUFACTURER IDENTIFICATION, VOC CONTENT AND MIX RATIO;
   2. COATING COMPONENTS SHALL SPECIFY MANUFACTURER NAME, IDENTIFICATION, VOC CONTENT AND MIX RATIO;
   3. SURFACE PREPARATION MATERIALS AND EQUIPMENT CLEANING MATERIALS SHALL SPECIFY MANUFACTURER NAME AND MANUFACTURER IDENTIFICATION. VOC CONTENT, VAPOR PRESSURE AND BOILING POINT SHALL BE LISTED AS APPLICABLE TO DEMONSTRATE COMPLIANCE WITH RULE 67.18;

B. CURRENT MSDS OR MANUFACTURER'S SPECIFICATIONS FOR ALL MATERIALS CONTAINING VOCs AND/OR TACS. MSDS OR MANUFACTURER'S SPECIFICATIONS SHALL, AT MINIMUM, CONTAIN THE FOLLOWING INFORMATION: VOC CONTENT BY WEIGHT OR WEIGHT PERCENTAGE, TAC CONTENT BY WEIGHT OR WEIGHT PERCENTAGE, DRYING TIME FOR EACH COATING, AND MATERIAL DENSITY (WEIGHT PER VOLUME) OR MATERIAL SPECIFIC GRAVITY (MATERIAL DENSITY RELATIVE TO THE DENSITY OF WATER); AND,

C. DAILY OR MONTHLY USAGE RECORDS FOR ALL MATERIALS CONTAINING VOCs AND/OR TACS FOR EACH PAINT CELL.

THE PERMITTEE SHALL ENSURE THE USAGE AND/OR EMISSION LIMITATION IN THIS PERMIT IS NOT EXCEEDED BASED ON THE USAGE RECORDS OBTAINED FROM THE CONTRACTOR.
B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

33. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).

34. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO. 001048
EXPIRES June 15, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
MARINE COATING OPERATION CONSISTING OF: PAINT CELL #3: A CUSTOM BUILT ENCLOSED CELL 100’L X 80’W X 65’H, EQUIPPED WITH: A REGENERATIVE THERMAL OXIDIZER, ADWEST RETOX 5.0, AND AN ASSOCIATED ROTARY ZEOLITE WHEEL SOLVENT CONCENTRATOR, MUNTERS MODEL 1ZS-4200-RTO; CHART RECORDED/DATA LOGGER; AND FILTERS, CERTIFIED BY THE MANUFACTURER TO ACHIEVE AT LEAST 90% OF CONTROL EFFICIENCY.
STACK PARAMETERS: HEIGHT: 77 FT; DIAMETER: 5 FT; NO RAIN CAP; EXHAUST FLOW RATE 51,200 CFM

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 67.18 AND NESHAP SUBPART II. FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. A PERMIT SHIELD IS GRANTED FROM ENFORCEMENT ACTION FOR THE FOLLOWING REQUIREMENTS: RULE 66, RULE 67.3, RULE 67.4, AND RULE 67.6 BASED ON THE DISTRICT’S DETERMINATION THAT THESE RULES ARE NOT APPLICABLE TO THE ABOVE EQUIPMENT. [RULE 1410]
2. PERMITTEE SHALL COMPLY WITH THE FOLLOWING APPLICABLE REQUIREMENTS: RULE 67.18, 67.17, AND NESHAP SUBPART II. [RULE 1421]
3. AIR POLLUTION CONTROL EQUIPMENT SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AND SHALL BE FUNCTIONING ACCORDING TO MANUFACTURER INSTRUCTIONS OR STANDARD OPERATING AND MAINTENANCE PRACTICES (SOP) AT ALL TIMES WHEN THE PROCESS EQUIPMENT IS IN OPERATION, EXCEPT AS OTHERWISE ALLOWED IN THIS PERMIT. [NSR]
4. COATINGS SHALL NOT BE APPLIED UNLESS EXHAUST FANS AND EXHAUST FILTERS OR WATER-WASH CURTAINS ARE INSTALLED AND OPERATING PROPERLY. [RULE 1200, NSR]
5. THE EMISSIONS OF VOLATILE ORGANIC COMPOUNDS (VOCs) FROM EACH OF THE MARINE COATING OPERATIONS DESCRIBED ABOVE SHALL NOT EXCEED 2.0 TONS PER EACH CONSECUTIVE 12-MONTH PERIOD.
6. PERMITTEE SHALL MAINTAIN DAILY RECORDS FOR EACH MARINE COATING OPERATION DESCRIBED ABOVE. THESE RECORDS SHALL INCLUDE, AT MINIMUM, THE USAGE OF VOC CONTAINING MATERIALS AND A CURRENT LIST OF VOC CONTAINING MATERIALS USED AND THE MANUFACTURER’S NAME AND PRODUCT IDENTIFICATION.

7. THE TEMPERATURE OF EACH THERMAL OXIDIZER SHALL BE OPERATED ABOVE 1400 DEGREES FAHRENHEIT WHEN COATING AND/OR CLEANING OPERATIONS FOR THE ABOVE PROCESS IS BEING PERFORMED. A TEMPERATURE INDICATING DEVICE AND A TEMPERATURE RECORDER SHALL BE INSTALLED ON THE THERMAL OXIDIZER SO THAT THE COMBUSTION CHAMBER TEMPERATURE CAN BE DIRECTLY MEASURED AND RECORDED.

8. THE OXIDIZER UNIT SHALL BE PROVIDED WITH A CONTROL SYSTEM CAPABLE OF CONTROLLING AND MONITORING THE COMBUSTION CHAMBER TEMPERATURE. THE SYSTEM SHALL CONTINUOUSLY MONITOR AND RECORD THE COMBUSTION CHAMBER GAS TEMPERATURE BY USE OF A CHART RECORDER AND/OR DATA LOGGER ON-SITE.

9. IN THE EVENT THAT THE OXIDIZER’S TEMPERATURE IS AT OR BELOW 1400 DEGREES FAHRENHEIT, THE PERMITTEE SHALL RECORD ANY CORRECTIVE ACTION TO ADDRESS THIS DEFICIENCY (I.E., MAINTENANCE, REPAIR OR REPLACEMENT). THIS RECORD SHALL BE MAINTAINED ON SITE FOR AT LEAST FIVE (5) YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

10. PERMITTEE SHALL NOT USE COATINGS CONTAINING CHLORINATED SOLVENTS IN THE PROCESS DESCRIBED ABOVE.

11. THE ABOVE EQUIPMENT SHALL BE EQUIPPED WITH AN EXHAUST STACK WITH TEST PORTS AND PROVISIONS FOR PERSONNEL ACCESS (E.G., SCAFFOLDING, PLATFORMS) FOR SOURCE TESTING. THE STACK DESIGN WITH THE LOCATIONS OF CONTROL DEVICE INLET AND EXHAUST TEST PORTS, ACCESS PROVISIONS, PLATFORMS, ETC. SHALL BE SUBMITTED TO, AND APPROVED BY, THE DISTRICT’S MONITORING AND TECHNICAL SERVICES DIVISION (SOURCE TEST SECTION, (858) 586-2775).

12. MEASUREMENT OF THE EMISSIONS COLLECTION SYSTEM CAPTURE EFFICIENCY SHALL BE CONDUCTED USING A PROTOCOL APPROVED BY THE AIR POLLUTION CONTROL OFFICER. SUBSEQUENT TO THE INITIAL COMPLIANCE DEMONSTRATION PERIOD, APPLICABLE KEY OPERATING SYSTEM PARAMETERS, AS APPROVED BY THE AIR POLLUTION CONTROL OFFICER, SHALL BE USED AS INDIRECT VERIFICATION THAT CAPTURE EFFICIENCY PERFORMANCE HAS NOT BEEN DIMINISHED.

13. IN ACCORDANCE WITH ACCEPTED DISTRICT TEST METHODS, THIS CONTROL EQUIPMENT SHALL ACHIEVE A MINIMUM CONTROL EFFICIENCY OF 95%

14. AT THE END OF EACH OPERATING DAY, AFTER ALL COATING APPLICATION HAS STOPPED, THE EXHAUST SYSTEM AND THERMAL OXIDIZER SHALL BE KEPT OPERATING FOR AT LEAST ONE ADDITIONAL REVOLUTION OF THE ZEOLITE ADSORPTION ROTOR TO DESORB AND DESTROY ANY RESIDUAL VOC.

15. SOURCE TESTING OF THE EQUIPMENT SHALL BE CONDUCTED AT TYPICAL PROCESS LOADS AND FLOW RATES TO DETERMINE THE VOC DESTRUCTION EFFICIENCY. THE RESULTS OF THE SOURCE TESTING SHALL INCLUDE, BUT NOT BE LIMITED TO, EMISSION RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE INLET (AS APPLICABLE) AND OUTLET OF THE CONTROL EQUIPMENT.

16. THE PERMITTEE SHALL DEMONSTRATE PROPERLY OPERATING MANUFACTURING EQUIPMENT COLLECTION SYSTEMS ASSOCIATED WITH THE CONTROL EQUIPMENT BY PERFORMING A SMOKE TEST AT THE REQUEST OF THE DISTRICT.
17. In order to demonstrate compliance with the emission standards contained in this permit, each paint cell, equipped with an associated zeolite concentrator and thermal oxidizer, shall be source tested once every three years as described below:

A. Cell #1 shall be tested in the year 2012 and once every three years thereafter;
B. Cell #2 and Cell #3 shall be tested in the year 2013 and once every three years thereafter;
C. Cell #4 and Cell #5 shall be tested in the year 2014 and once every three years thereafter;

In the event a source test fails while testing any paint cell, all paint cells shall be tested once every permit year. The permittee shall submit an application to the district and wait for written authorization prior to reinstating the three-year testing frequency. (Rules 1200 and 20.3)

18. For the purposes of this permit to operate, a permit year is the 12-month period ending on the last day of the permit expiration month. It is the responsibility of the permittee to schedule the source test with the district. All source tests shall be performed or witnessed by the district. (Rules 1200 and 20.3)

19. Current material safety data sheets (MSDS) or manufacturer's specifications regarding volatile organic compound (VOC) and toxic air contaminant (TAC) content shall be maintained on site and made readily available to the district upon request. MSDS and manufacturer's specifications shall, at a minimum, contain the following information: VOC content weight or weight percentage, TAC content weight or weight percentage and material density (weight per volume) or material specific gravity (material density relative to water).

20. Permittee shall operate in compliance with all applicable standards of Rule 67.18 Section (D), consisting of surface preparation and cleanup requirements, coating VOC limits and application equipment cleanup requirements. [Rule 67.18]

21. Permittee shall maintain records in accordance with all applicable requirement of Rule 67.18 Section (F). The records shall at a minimum contain the following information: the type of substrate coated (metal parts, aerospace component, etc.), the type of coating applied (basecoat, hardener, thinner, clean-up, etc., including the manufacturer's identification number), mix ratios and the volumes of each material containing volatile organic compounds (VOCs) used. These records shall be maintained on site for a period of at least three years and shall be made readily available to the district upon request. [Rule 67.18]

22. Upon request of the district and/or EPA the VOC content of marine coatings, cleaning and surface preparation materials shall be tested in accordance with Rule 67.18 Section (G). [Rule 67.18]

23. All records shall be retained on site for at least three (3) years and made readily available to the district upon request. [Rule 67.18]

24. Permittee shall operate the marine coating operations described above in compliance with all applicable standards of 40 CFR Part 63.783, including coating VOHAP limits and coating handling, transfer, and container requirements.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO. 001048
EXPIRES June 15, 2016

25. PERMITTEE SHALL MAINTAIN RECORDS AND PREPARE REPORTS FOR THE COATING OPERATIONS DESCRIBED ABOVE IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF 40 CFR PART 63.788. SUCH RECORDS SHALL BE MAINTAINED ON SITE FOR A PERIOD OF NO LESS THAN FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT OR EPA UPON REQUEST.

26. THE APPLICABLE TEST METHODS LISTED IN 40 CFR PART 63.786 SHALL BE USED TO DETERMINE COATING VOHAP CONTENT.

27. ALL MATERIALS CONTAINING VOLATILE ORGANIC COMPOUNDS SHALL BE STORED IN CLOSED CONTAINERS IN ACCORDANCE WITH RULE 67.17 REQUIREMENTS. (RULE 67.17)

28. IN ADDITION TO ALL OF THE CONDITIONS IN THIS PERMIT, THE FOLLOWING FOUR CONDITIONS SHALL APPLY WHEN A CONTRACTOR CONDUCTS ANY MARINE COATING OPERATION UNDER THIS PERMIT. FOR THE PURPOSES OF THIS PERMIT, A CONTRACTOR IS ANY PERSON NOT EMPLOYED BY THIS STATIONARY SOURCE AND THE PERMITTEE IS EMPLOYED BY THE STATIONARY SOURCE.

29. CONTRACTORS PERFORMING MARINE COATING OPERATIONS SHALL BE PROVIDED A COPY OF THIS PERMIT PRIOR TO COMMENCING COATING OPERATIONS. (RULE 21)

30. CONTRACTORS SHALL COMPLY WITH ALL CONDITIONS IN THIS PERMIT TO OPERATE. (RULE 21)

31. CONTRACTORS SHALL REPORT THE FOLLOWING INFORMATION TO THE PERMITTEE FOR EACH MARINE COATING OPERATION CONDUCTED UNDER THIS PERMIT IN A FORMAT APPROVED BY THE PERMITTEE. THE INFORMATION UNDER ITEMS A AND B BELOW SHALL BE PROVIDED TO THE PERMITTEE PRIOR TO COMMENCING ANY MARINE COATING OPERATION. (RULE 67.18 AND 21)

A. CURRENT LIST OF ALL MATERIALS CONTAINING VOC AND/OR TAC, INCLUDING COATINGS, COATING COMPONENTS (BASES, CATALYSTS, THINNERS, ETC.), SURFACE PREPARATION, STRIPPING AND EQUIPMENT CLEANING MATERIALS IN USE. MATERIALS SHALL BE IDENTIFIED AS FOLLOWS:

1. COATINGS SHALL SPECIFY CATEGORY AS PER RULE 67.18(D)(1) AND 67.18(D)(2), MANUFACTURER NAME, MANUFACTURER IDENTIFICATION, VOC CONTENT AND MIX RATIO;
2. COATING COMPONENTS SHALL SPECIFY MANUFACTURER NAME, IDENTIFICATION, VOC CONTENT AND MIX RATIO;
3. SURFACE PREPARATION MATERIALS AND EQUIPMENT CLEANING MATERIALS SHALL SPECIFY MANUFACTURER NAME AND MANUFACTURER IDENTIFICATION. VOC CONTENT, VAPOR PRESSURE AND BOILING POINT SHALL BE LISTED AS APPLICABLE TO DEMONSTRATE COMPLIANCE WITH RULE 67.18;
4. CURRENT DOCUMENTATION TO DEMONSTRATE APPLICABILITY OF ANY SPECIALTY COATING CATEGORY PURSUANT TO RULE 67.18(D)(2);

B. CURRENT MSDS OR MANUFACTURER'S SPECIFICATIONS FOR ALL MATERIALS CONTAINING VOCs AND/OR TACs. MSDS OR MANUFACTURER'S SPECIFICATIONS SHALL, AT MINIMUM, CONTAIN THE FOLLOWING INFORMATION: VOC CONTENT BY WEIGHT OR WEIGHT PERCENTAGE, TAC CONTENT BY WEIGHT OR WEIGHT PERCENTAGE, DRYING TIME FOR EACH COATING, AND MATERIAL DENSITY (WEIGHT PER VOLUME) OR MATERIAL SPECIFIC GRAVITY (MATERIAL DENSITY RELATIVE TO THE DENSITY OF WATER); AND,
C. DAILY OR MONTHLY USAGE RECORDS FOR ALL MATERIALS CONTAINING VOCs AND/OR TACs FOR EACH PAINT CELL.

32. THE PERMITTEE SHALL ENSURE THE USAGE AND/OR EMISSION LIMITATION IN THIS PERMIT IS NOT EXCEEDED BASED ON THE USAGE RECORDS OBTAINED FROM THE CONTRACTOR.
B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

33. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).

34. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
MARINE COATING OPERATION CONSISTING OF: PAINT CELL #4: A CUSTOM BUILT ENCLOSED CELL 100'L X 80'W X 65'H, EQUIPPED WITH: A REGENERATIVE THERMAL OXIDIZER, ADWEST RETOX 5.0, AND AN ASSOCIATED ROTARY ZEOLITE WHEEL SOLVENT CONCENTRATOR, MUNTERS MODEL 1ZS-4200-RTO; CHART RECORDED/DATA LOGGER; AND FILTERS, CERTIFIED BY THE MANUFACTURER TO ACHIEVE AT LEAST 90% OF CONTROL EFFICIENCY.
STACK PARAMETERS: HEIGHT: 77 FT; DIAMETER: 5 FT; NO RAIN CAP; EXHAUST FLOW RATE 51,200 CFM

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 67.18 AND NESHAP SUBPART II. FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. A PERMIT SHIELD IS GRANTED FROM ENFORCEMENT ACTION FOR THE FOLLOWING REQUIREMENTS: RULE 66, RULE 67.3, RULE 67.4, AND RULE 67.6 BASED ON THE DISTRICT'S DETERMINATION THAT THESE RULES ARE NOT APPLICABLE TO THE ABOVE EQUIPMENT.
   [RULE 1410]

2. PERMITTEE SHALL COMPLY WITH THE FOLLOWING APPLICABLE REQUIREMENTS: RULE 67.18, 67.17, AND NESHAP SUBPART II.
   [RULE 1421]

3. AIR POLLUTION CONTROL EQUIPMENT SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AND SHALL BE FUNCTIONING ACCORDING TO MANUFACTURER INSTRUCTIONS OR STANDARD OPERATING AND MAINTENANCE PRACTICES (SOP) AT ALL TIMES WHEN THE PROCESS EQUIPMENT IS IN OPERATION, EXCEPT AS OTHERWISE ALLOWED IN THIS PERMIT.
   [NSR]

4. COATINGS SHALL NOT BE APPLIED UNLESS EXHAUST FANS AND EXHAUST FILTERS OR WATER-WASH CURTAIN sont INSTALLED AND OPERATING PROPERLY.
   [RULE 1200, NSR]

5. THE EMISSIONS OF VOLATILE ORGANIC COMPOUNDS (VOCS) FROM EACH OF THE MARINE COATING OPERATIONS DESCRIBED ABOVE SHALL NOT EXCEED 2.0 TONS PER EACH CONSECUTIVE 12-MONTH PERIOD.
   [NSR]
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO.
001049
EXPIRES
June 16, 2016

6. PERMITTEE SHALL MAINTAIN DAILY RECORDS FOR EACH MARINE COATING OPERATION DESCRIBED ABOVE. THESE RECORDS SHALL INCLUDE, AT MINIMUM, THE USAGE OF VOC CONTAINING MATERIALS AND A CURRENT LIST OF VOC CONTAINING MATERIALS USED AND THE MANUFACTURER’S NAME AND PRODUCT IDENTIFICATION. [NSR]

7. THE TEMPERATURE OF EACH THERMAL OXIDIZER SHALL BE OPERATED ABOVE 1400 DEGREES FAHRENHEIT WHEN COATING AND/OR CLEANING OPERATIONS FOR THE ABOVE PROCESS IS BEING PERFORMED. A TEMPERATURE INDICATING DEVICE AND A TEMPERATURE RECORDER SHALL BE INSTALLED ON THE THERMAL OXIDIZER SO THAT THE COMBUSTION CHAMBER TEMPERATURE CAN BE DIRECTLY MEASURED AND RECORDED. [NSR]

8. THE OXIDIZER UNIT SHALL BE PROVIDED WITH A CONTROL SYSTEM CAPABLE OF CONTROLLING AND MONITORING THE COMBUSTION CHAMBER TEMPERATURE. THE SYSTEM SHALL CONTINUOUSLY MONITOR AND RECORD THE COMBUSTION CHAMBER GAS TEMPERATURE BY USE OF A CHART RECORDER AND/OR DATA LOGGER ON-SITE. [NSR]

9. IN THE EVENT THAT THE OXIDIZER’S TEMPERATURE IS AT OR BELOW 1400 DEGREES FAHRENHEIT, THE PERMITTEE SHALL RECORD ANY CORRECTIVE ACTION TO ADDRESS THIS DEFICIENCY (I.E., MAINTENANCE, REPAIR OR REPLACEMENT). THIS RECORD SHALL BE MAINTAINED ON SITE FOR AT LEAST FIVE (5) YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [NSR]

10. PERMITTEE SHALL NOT USE COATINGS CONTAINING CHLORINATED SOLVENTS IN THE PROCESS DESCRIBED ABOVE. [RULE 1200]

11. THE ABOVE EQUIPMENT SHALL BE EQUIPPED WITH AN EXHAUST STACK WITH TEST PORTS AND PROVISIONS FOR PERSONNEL ACCESS (E.G., SCAFFOLDING, PLATFORMS) FOR SOURCE TESTING. THE STACK DESIGN WITH THE LOCATIONS OF CONTROL DEVICE INLET AND EXHAUST TEST PORTS, ACCESS PROVISIONS, PLATFORMS, ETC. SHALL BE SUBMITTED TO, AND APPROVED BY, THE DISTRICT’S MONITORING AN TECHNICAL SERVICES DIVISION (SOURCE TEST SECTION, (858) 586-2775). [NSR]

12. MEASUREMENT OF THE EMISSIONS COLLECTION SYSTEM CAPTURE EFFICIENCY SHALL BE CONDUCTED USING A PROTOCOL APPROVED BY THE AIR POLLUTION CONTROL OFFICER. SUBSEQUENT TO THE INITIAL COMPLIANCE DEMONSTRATION PERIOD, APPLICABLE KEY OPERATING SYSTEM PARAMETERS, AS APPROVED BY THE AIR POLLUTION CONTROL OFFICER, SHALL BE USED AS INDIRECT VERIFICATION THAT CAPTURE EFFICIENCY PERFORMANCE HAS NOT BEEN DIMINISHED. [RULE 67.18]

13. IN ACCORDANCE WITH ACCEPTED DISTRICT TEST METHODS, THIS CONTROL EQUIPMENT SHALL ACHIEVE A MINIMUM CONTROL EFFICIENCY OF 95% [NSR]

14. AT THE END OF EACH OPERATING DAY, AFTER ALL COATING APPLICATION HAS STOPPED, THE EXHAUST SYSTEM AND THERMAL OXIDIZER SHALL BE KEPT OPERATING FOR AT LEAST ONE ADDITIONAL REVOLUTION OF THE ZEOLITE ADSORPTION ROTOR TO DESORB AND DESTROY ANY RESIDUAL VOC. [NSR]

15. SOURCE TESTING OF THE EQUIPMENT SHALL BE CONDUCTED AT TYPICAL PROCESS LOADS AND FLOW RATES TO DETERMINE THE VOC DESTRUCTION EFFICIENCY. THE RESULTS OF THE SOURCE TESTING SHALL INCLUDE, BUT NOT BE LIMITED TO, EMISSION RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE INLET (AS APPLICABLE) AND OUTLET OF THE CONTROL EQUIPMENT. [NSR]

16. THE PERMITTEE SHALL DEMONSTRATE PROPERLY OPERATING MANUFACTURING EQUIPMENT COLLECTION SYSTEMS ASSOCIATED WITH THE CONTROL EQUIPMENT BY PERFORMING A SMOKE TEST AT THE REQUEST OF THE DISTRICT. [NSR]
17. IN ORDER TO DEMONSTRATE COMPLIANCE WITH THE EMISSION STANDARDS CONTAINED IN THIS PERMIT, EACH PAINT CELL, EQUIPPED WITH AN ASSOCIATED ZEOLITE CONCENTRATOR AND THERMAL OXIDIZER, SHALL BE SOURCE TESTED ONCE EVERY THREE YEARS AS DESCRIBED BELOW:
   A. CELL #1 SHALL BE TESTED IN THE YEAR 2012 AND ONCE EVERY THREE YEARS THEREAFTER;
   B. CELL #2 AND CELL #3 SHALL BE TESTED IN THE YEAR 2013 AND ONCE EVERY THREE YEARS THEREAFTER;
   C. CELL #4 AND CELL #5 SHALL BE TESTED IN THE YEAR 2014 AND ONCE EVERY THREE YEARS THEREAFTER;
   IN THE EVENT A SOURCE TEST FAILS WHILE TESTING ANY PAINT CELL, ALL PAINT CELLS SHALL BE TESTED ONCE EVERY PERMIT YEAR. THE PERMITTEE SHALL SUBMIT AN APPLICATION TO THE DISTRICT AND WAIT FOR WRITTEN AUTHORIZATION PRIOR TO REINSTATING THE THREE-YEAR TESTING FREQUENCY. (RULES 1200 AND 20.3)

18. FOR THE PURPOSES OF THIS PERMIT TO OPERATE, A PERMIT YEAR IS THE 12-MONTH PERIOD ENDING ON THE LAST DAY OF THE PERMIT EXPIRATION MONTH. IT IS THE RESPONSIBILITY OF THE PERMITTEE TO SCHEDULE THE SOURCE TEST WITH THE DISTRICT. ALL SOURCE TESTS SHALL BE PERFORMED OR WITNESSED BY THE DISTRICT. (RULES 1200 AND 20.3)

19. CURRENT MATERIAL SAFETY DATA SHEETS (MSDS) OR MANUFACTURER’S SPECIFICATIONS REGARDING VOLATILE ORGANIC COMPOUND (VOC) AND TOXIC AIR CONTAMINANT (TAC) CONTENT SHALL BE MAINTAINED ON SITE AND MADE READILY AVAILABLE TO THE DISTRICT UPON REQUEST. MSDS AND MANUFACTURER’S SPECIFICATIONS SHALL, AT A MINIMUM, CONTAIN THE FOLLOWING INFORMATION: VOC CONTENT WEIGHT OR WEIGHT PERCENTAGE, TAC CONTENT WEIGHT OR WEIGHT PERCENTAGE AND MATERIAL DENSITY (WEIGHT PER VOLUME) OR MATERIAL SPECIFIC GRAVITY (MATERIAL DENSITY RELATIVE TO WATER).
   [NSR, RULE 1200]

20. PERMITTEE SHALL OPERATE IN COMPLIANCE WITH ALL APPLICABLE STANDARDS OF RULE 67.18 SECTION (D), CONSISTING OF SURFACE PREPARATION AND CLEANUP REQUIREMENTS, COATING VOC LIMITS AND APPLICATION EQUIPMENT CLEANUP REQUIREMENTS.
   [RULE 67.18]

21. PERMITTEE SHALL MAINTAIN RECORDS IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENT OF RULE 67.18 SECTION (F). THE RECORDS SHALL AT A MINIMUM CONTAIN THE FOLLOWING INFORMATION: THE TYPE OF SUBSTRATE COATED (METAL PARTS, AEROSPACE COMPONENT, ETC.), THE TYPE OF COATING APPLIED (BASECOAT, HARDENER, THINNER, CLEAN-UP, ETC., INCLUDING THE MANUFACTURER’S IDENTIFICATION NUMBER), MIX RATIOS AND THE VOLUMES OF EACH MATERIAL CONTAINING VOLATILE ORGANIC COMPounds (VOCs) USED. THESE RECORDS SHALL BE MAINTAINED ON SITE FOR A PERIOD OF AT LEAST THREE YEARS AND SHALL BE MADE READILY AVAILABLE TO THE DISTRICT UPON REQUEST.
   [RULE 67.18]

22. UPON REQUEST OF THE DISTRICT AND/OR EPA THE VOC CONTENT OF MARINE COATINGS, CLEANING AND SURFACE PREPARATION MATERIALS SHALL BE TESTED IN ACCORDANCE WITH RULE 67.18 SECTION (G).
   [RULE 67.18]

23. ALL RECORDS SHALL BE RETAINED ON SITE FOR AT LEAST THREE (3) YEARS AND MADE READILY AVAILABLE TO THE DISTRICT UPON REQUEST.
   [RULE 67.18]

24. PERMITTEE SHALL OPERATE THE MARINE COATING OPERATIONS DESCRIBED ABOVE IN COMPLIANCE WITH ALL APPLICABLE STANDARDS OF 40 CFR PART 63.783, INCLUDING COATING VOHAP LIMITS AND COATING HANDLING, TRANSFER, AND CONTAINER REQUIREMENTS.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO. 001049
EXPIRES
June 16, 2016

[NESSHA ST SUBPART II]
25. PERMITTEE SHALL MAINTAIN RECORDS AND PREPARE REPORTS FOR THE COATING OPERATIONS DESCRIBED ABOVE IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF 40 CFR PART 63.788. SUCH RECORDS SHALL BE MAINTAINED ON SITE FOR A PERIOD OF NO LESS THAN FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT OR EPA UPON REQUEST.

[NESSHA ST SUBPART II]
26. THE APPLICABLE TEST METHODS LISTED IN 40 CFR PART 63.786 SHALL BE USED TO DETERMINE COATING VOHAP CONTENT.

[NESSHA ST SUBPART II]
27. ALL MATERIALS CONTAINING VOLATILE ORGANIC COMPOUNDS SHALL BE STORED IN CLOSED CONTAINERS IN ACCORDANCE WITH RULE 67.17 REQUIREMENTS. (RULE 67.17)

28. IN ADDITION TO ALL OF THE CONDITIONS IN THIS PERMIT, THE FOLLOWING FOUR CONDITIONS SHALL APPLY WHEN A CONTRACTOR CONDUCTS ANY MARINE COATING OPERATION UNDER THIS PERMIT. FOR THE PURPOSES OF THIS PERMIT, A CONTRACTOR IS ANY PERSON NOT EMPLOYED BY THIS STATIONARY SOURCE AND THE PERMITTEE IS EMPLOYED BY THE STATIONARY SOURCE.

29. CONTRACTORS PERFORMING MARINE COATING OPERATIONS SHALL BE PROVIDED A COPY OF THIS PERMIT PRIOR TO COMMENCING COATING OPERATIONS. (RULE 21)

30. CONTRACTORS SHALL COMPLY WITH ALL CONDITIONS IN THIS PERMIT TO OPERATE. (RULE 21)

31. CONTRACTORS SHALL REPORT THE FOLLOWING INFORMATION TO THE PERMITTEE FOR EACH MARINE COATING OPERATION CONDUCTED UNDER THIS PERMIT IN A FORMAT APPROVED BY THE PERMITTEE. THE INFORMATION UNDER ITEMS A AND B BELOW SHALL BE PROVIDED TO THE PERMITTEE PRIOR TO COMMENCING ANY MARINE COATING OPERATION. (RULE 67.18 AND 21)
A. CURRENT LIST OF ALL MATERIALS CONTAINING VOC AND/OR TAC, INCLUDING COATINGS, COATING COMPONENTS (BASES, CATALYSTS, THINNERS, ETC.), SURFACE PREPARATION, STRIPPING AND EQUIPMENT CLEANING MATERIALS IN USE. MATERIALS SHALL BE IDENTIFIED AS FOLLOWS:
1. COATINGS SHALL SPECIFY CATEGORY AS PER RULE 67.18(D)(1) AND 67.18(D)(2), MANUFACTURER NAME, MANUFACTURER IDENTIFICATION, VOC CONTENT AND MIX RATIO;
2. COATING COMPONENTS SHALL SPECIFY MANUFACTURER NAME, IDENTIFICATION, VOC CONTENT AND MIX RATIO;
3. SURFACE PREPARATION MATERIALS AND EQUIPMENT CLEANING MATERIALS SHALL SPECIFY MANUFACTURER NAME AND MANUFACTURER IDENTIFICATION. VOC CONTENT, VAPOR PRESSURE AND BoILING POINT SHALL BE LISTED AS APPLICABLE TO DEMONSTRATE COMPLIANCE WITH RULE 67.18;
4. CURRENT DOCUMENTATION TO DEMONSTRATE APPLICABILITY OF ANY SPECIALTY COATING CATEGORY PURSUANT TO RULE 67.18(D)(2);
B. CURRENT MSDS OR MANUFACTURER'S SPECIFICATIONS FOR ALL MATERIALS CONTAINING VOCs AND/OR TACs. MSDS OR MANUFACTURER'S SPECIFICATIONS SHALL, AT MINIMUM, CONTAIN THE FOLLOWING INFORMATION: VOC CONTENT BY WEIGHT OR WEIGHT PERCENTAGE, TAC CONTENT BY WEIGHT OR WEIGHT PERCENTAGE, DRYING TIME FOR EACH COATING, AND MATERIAL DENSITY (WEIGHT PER VOLUME) OR MATERIAL SPECIFIC GRAVITY (MATERIAL DENSITY RELATIVE TO THE DENSITY OF WATER); AND,
C. DAILY OR MONTHLY USAGE RECORDS FOR ALL MATERIALS CONTAINING VOCs AND/OR TACs FOR EACH PAINT CELL.

32. THE PERMITTEE SHALL ENSURE THE USAGE AND/OR EMISSION LIMITATION IN THIS PERMIT IS NOT EXCEEDED BASED ON THE USAGE RECORDS OBTAINED FROM THE CONTRACTOR.
B. DISTRICT-ONLY—ENFORCEABLE CONDITIONS

33. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).

34. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES.

PERMITTEE
NATIONAL STEEL & SHIPBUILDING
PO BOX 85278 MS 20 J
SAN DIEGO, CA 92186-5278

EQUIPMENT ADDRESS
28TH ST & HARBOR DR
SAN DIEGO, CA 92113

EQUIPMENT DESCRIPTION
MARINE COATING OPERATION CONSISTING OF: PAINT CELL #5: A CUSTOM BUILT ENCLOSED CELL 100'L X 80'W X 65'H, EQUIPPED WITH: A REGENERATIVE THERMAL OXIDIZER, ADWEST RETOX 5.0, AND AN ASSOCIATED ROTARY ZEOLITE WHEEL SOLVENT CONCENTRATOR, MUNTERS MODEL 1ZS-4200-RTO; CHART RECORDED/DATA LOGGER; AND FILTERS, CERTIFIED BY THE MANUFACTURER TO ACHIEVE AT LEAST 90% OF CONTROL EFFICIENCY. STACK PARAMETERS: HEIGHT: 77 FT; DIAMETER: 5 FT; NO RAIN CAP; EXHAUST FLOW RATE 51,200 CFM

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULE(S) 67.18 AND NESHAP SUBPART II. FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. A PERMIT SHIELD IS GRANTED FROM ENFORCEMENT ACTION FOR THE FOLLOWING REQUIREMENTS: RULE 66, RULE 67.3, RULE 67.4, AND RULE 67.6 BASED ON THE DISTRICT’S DETERMINATION THAT THESE RULES ARE NOT APPLICABLE TO THE ABOVE EQUIPMENT. [RULE 1410]

2. PERMITTEE SHALL COMPLY WITH THE FOLLOWING APPLICABLE REQUIREMENTS: RULES 67.18, 67.17, AND NESHAP SUBPART II. [RULE 1421]

3. AIR POLLUTION CONTROL EQUIPMENT SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AND SHALL BE FUNCTIONING ACCORDING TO MANUFACTURER INSTRUCTIONS OR STANDARD OPERATING AND MAINTENANCE PRACTICES (SOP) AT ALL TIMES WHEN THE PROCESS EQUIPMENT IS IN OPERATION, EXCEPT AS OTHERWISE ALLOWED IN THIS PERMIT. [NSR]

4. COATINGS SHALL NOT BE APPLIED UNLESS EXHAUST FANS AND EXHAUST FILTERS OR WATER-WASH CURTAINS ARE INSTALLED AND OPERATING PROPERLY. [RULE 1200, NSR]

5. THE EMISSIONS OF VOLATILE ORGANIC COMPOUNDS (VOCS) FROM EACH OF THE MARINE COATING OPERATIONS DESCRIBED ABOVE SHALL NOT EXCEED 2.0 TONS PER EACH CONSECUTIVE 12-MONTH PERIOD. [NSR]
6. PERMITTEE SHALL MAINTAIN DAILY RECORDS FOR EACH MARINE COATING OPERATION DESCRIBED ABOVE. THESE RECORDS SHALL INCLUDE, AT MINIMUM, THE USAGE OF VOC CONTAINING MATERIALS AND A CURRENT LIST OF VOC CONTAINING MATERIALS USED AND THE MANUFACTURER’S NAME AND PRODUCT IDENTIFICATION. [NSR]

7. THE TEMPERATURE OF EACH THERMAL OXIDIZER SHALL BE OPERATED ABOVE 1400 DEGREES FAHRENHEIT WHEN COATING AND/OR CLEANING OPERATIONS FOR THE ABOVE PROCESS IS BEING PERFORMED. A TEMPERATURE INDICATING DEVICE AND A TEMPERATURE RECORDER SHALL BE INSTALLED ON THE THERMAL OXIDIZER SO THAT THE COMBUSTION CHAMBER TEMPERATURE CAN BE DIRECTLY MEASURED AND RECORDED. [NSR]

8. THE OXIDIZER UNIT SHALL BE PROVIDED WITH A CONTROL SYSTEM CAPABLE OF CONTROLLING AND MONITORING THE COMBUSTION CHAMBER TEMPERATURE. THE SYSTEM SHALL CONTINUOUSLY MONITOR AND RECORD THE COMBUSTION CHAMBER GAS TEMPERATURE BY USE OF A CHART RECORDER AND/OR DATA LOGGER ON-SITE. [NSR]

9. IN THE EVENT THAT THE OXIDIZER’S TEMPERATURE IS AT OR BELOW 1400 DEGREES FAHRENHEIT, THE PERMITTEE SHALL RECORD ANY CORRECTIVE ACTION TO ADDRESS THIS DEFICIENCY (I.E., MAINTENANCE, REPAIR OR REPLACEMENT). THIS RECORD SHALL BE MAINTAINED ON SITE FOR AT LEAST FIVE (5) YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. [NSR]

10. PERMITTEE SHALL NOT USE COATINGS CONTAINING CHLORINATED SOLVENTS IN THE PROCESS DESCRIBED ABOVE. [RULE 1200]

11. THE ABOVE EQUIPMENT SHALL BE EQUIPPED WITH AN EXHAUST STACK WITH TEST PORTS AND PROVISIONS FOR PERSONNEL ACCESS (E.G., SCAFFOLDING, PLATFORMS) FOR SOURCE TESTING. THE STACK DESIGN WITH THE LOCATIONS OF CONTROL DEVICE INLET AND EXHAUST TEST PORTS, ACCESS PROVISIONS, PLATFORMS, ETC. SHALL BE SUBMITTED TO, AND APPROVED BY, THE DISTRICT’S MONITORING AN TECHNICAL SERVICES DIVISION (SOURCE TEST SECTION, (858) 586-2775). [NSR]

12. MEASUREMENT OF THE EMISSIONS COLLECTION SYSTEM CAPTURE EFFICIENCY SHALL BE CONDUCTED USING A PROTOCOL APPROVED BY THE AIR POLLUTION CONTROL OFFICER. SUBSEQUENT TO THE INITIAL COMPLIANCE DEMONSTRATION PERIOD, APPLICABLE KEY OPERATING SYSTEM PARAMETERS, AS APPROVED BY THE AIR POLLUTION CONTROL OFFICER, SHALL BE USED AS INDIRECT VERIFICATION THAT CAPTURE EFFICIENCY PERFORMANCE HAS NOT BEEN DIMINISHED. [RULE 67.18]

13. IN ACCORDANCE WITH ACCEPTED DISTRICT TEST METHODS, THIS CONTROL EQUIPMENT SHALL ACHIEVE A MINIMUM CONTROL EFFICIENCY OF 95% [NSR]

14. AT THE END OF EACH OPERATING DAY, AFTER ALL COATING APPLICATION HAS STOPPED, THE EXHAUST SYSTEM AND THERMAL OXIDIZER SHALL BE KEPT OPERATING FOR AT LEAST ONE ADDITIONAL REVOLUTION OF THE ZEOLITE ADSORPTION ROTOR TO DESORB AND DESTROY ANY RESIDUAL VOC. [NSR]

15. SOURCE TESTING OF THE EQUIPMENT SHALL BE CONDUCTED AT TYPICAL PROCESS LOADS AND FLOW RATES TO DETERMINE THE VOC DESTRUCTION EFFICIENCY. THE RESULTS OF THE SOURCE TESTING SHALL INCLUDE, BUT NOT BE LIMITED TO, EMISSION RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE INLET (AS APPLICABLE) AND OUTLET OF THE CONTROL EQUIPMENT. [NSR]

16. THE PERMITTEE SHALL DEMONSTRATE PROPERLY OPERATING MANUFACTURING EQUIPMENT COLLECTION SYSTEMS ASSOCIATED WITH THE CONTROL EQUIPMENT BY PERFORMING A SMOKE TEST AT THE REQUEST OF THE DISTRICT. [NSR]
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO.
001050
EXPIRES
June 15, 2016

17. IN ORDER TO DEMONSTRATE COMPLIANCE WITH THE EMISSION STANDARDS CONTAINED IN THIS PERMIT, EACH PAINT CELL, EQUIPPED WITH AN ASSOCIATED ZEOLITE CONCENTRATOR AND THERMAL OXIDIZER, SHALL BE SOURCE TESTED ONCE EVERY THREE YEARS AS DESCRIBED BELOW:
A. CELL #1 SHALL BE TESTED IN THE YEAR 2012 AND ONCE EVERY THREE YEARS THEREAFTER;
B. CELL #2 AND CELL #3 SHALL BE TESTED IN THE YEAR 2013 AND ONCE EVERY THREE YEARS THEREAFTER;
C. CELL #4 AND CELL #5 SHALL BE TESTED IN THE YEAR 2014 AND ONCE EVERY THREE YEARS THEREAFTER;
IN THE EVENT A SOURCE TEST FAILS WHILE TESTING ANY PAINT CELL, ALL PAINT CELLS SHALL BE TESTED ONCE EVERY PERMIT YEAR. THE PERMITTEE SHALL SUBMIT AN APPLICATION TO THE DISTRICT AND WAIT FOR WRITTEN AUTHORIZATION PRIOR TO REINSTATING THE THREE-YEAR TESTING FREQUENCY. (RULES 1200 AND 20.3)

18. FOR THE PURPOSES OF THIS PERMIT TO OPERATE, A PERMIT YEAR IS THE 12-MONTH PERIOD ENDING ON THE LAST DAY OF THE PERMIT EXPIRATION MONTH. IT IS THE RESPONSIBILITY OF THE PERMITTEE TO SCHEDULE THE SOURCE TEST WITH THE DISTRICT. ALL SOURCE TESTS SHALL BE PERFORMED OR WITNESSED BY THE DISTRICT. (RULES 1200 AND 20.3)

19. CURRENT MATERIAL SAFETY DATA SHEETS (MSDS) OR MANUFACTURER’S SPECIFICATIONS REGARDING VOLATILE ORGANIC COMPOUND (VOC) AND TOXIC AIR CONTAMINANT (TAC) CONTENT SHALL BE MAINTAINED ON SITE AND MADE READILY AVAILABLE TO THE DISTRICT UPON REQUEST. MSDS AND MANUFACTURER’S SPECIFICATIONS SHALL, AT A MINIMUM, CONTAIN THE FOLLOWING INFORMATION: VOC CONTENT WEIGHT OR WEIGHT PERCENTAGE, TAC CONTENT WEIGHT OR WEIGHT PERCENTAGE AND MATERIAL DENSITY (WEIGHT PER VOLUME) OR MATERIAL SPECIFIC GRAVITY (MATERIAL DENSITY RELATIVE TO WATER). [NSR, RULE 1200]

20. PERMITTEE SHALL OPERATE IN COMPLIANCE WITH ALL APPLICABLE STANDARDS OF RULE 67.18 SECTION (D), CONSISTING OF SURFACE PREPARATION AND CLEANUP REQUIREMENTS, COATING VOC LIMITS AND APPLICATION EQUIPMENT CLEANUP REQUIREMENTS. [RULE 67.18]

21. PERMITTEE SHALL MAINTAIN RECORDS IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENT OF RULE 67.18 SECTION (F). THE RECORDS SHALL AT A MINIMUM CONTAIN THE FOLLOWING INFORMATION: THE TYPE OF SUBSTRATE COATED (METAL PARTS, AEROSPACE COMPONENT, ETC.), THE TYPE OF COATING APPLIED (BASECOAT, HARDENER, THINNER, CLEAN-UP, ETC., INCLUDING THE MANUFACTURER’S IDENTIFICATION NUMBER), MIX RATIOS AND THE VOLUMES OF EACH MATERIAL CONTAINING VOLATILE ORGANIC COMPOUNDS (VOCs) USED. THESE RECORDS SHALL BE MAINTAINED ON SITE FOR A PERIOD OF AT LEAST THREE YEARS AND SHALL BE MADE READILY AVAILABLE TO THE DISTRICT UPON REQUEST. [RULE 67.18]

22. UPON REQUEST OF THE DISTRICT AND/OR EPA THE VOC CONTENT OF MARINE COATINGS, CLEANING AND SURFACE PREPARATION MATERIALS SHALL BE TESTED IN ACCORDANCE WITH RULE 67.18 SECTION (G). [RULE 67.18]

23. ALL RECORDS SHALL BE RETAINED ON SITE FOR AT LEAST THREE (3) YEARS AND MADE READILY AVAILABLE TO THE DISTRICT UPON REQUEST. [RULE 67.18]

24. PERMITTEE SHALL OPERATE THE MARINE COATING OPERATIONS DESCRIBED ABOVE IN COMPLIANCE WITH ALL APPLICABLE STANDARDS OF 40 CFR PART 63.783, INCLUDING COATING VOHAP LIMITS AND COATING HANDLING, TRANSFER, AND CONTAINER REQUIREMENTS.
COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE RD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

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[NESHAPS SUBPART II]
25. PERMITTEE SHALL MAINTAIN RECORDS AND PREPARE REPORTS FOR THE COATING OPERATIONS DESCRIBED ABOVE IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF 40 CFR PART 63.788. SUCH RECORDS SHALL BE MAINTAINED ON SITE FOR A PERIOD OF NO LESS THAN FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT OR EPA UPON REQUEST.

[NESHAPS SUBPART II]
26. THE APPLICABLE TEST METHODS LISTED IN 40 CFR PART 63.786 SHALL BE USED TO DETERMINE COATING VOHAP CONTENT.

[NESHAPS SUBPART II]
27. ALL MATERIALS CONTAINING VOLATILE ORGANIC COMPOUNDS SHALL BE STORED IN CLOSED CONTAINERS IN ACCORDANCE WITH RULE 67.17 REQUIREMENTS. (RULE 67.17)

28. IN ADDITION TO ALL OF THE CONDITIONS IN THIS PERMIT, THE FOLLOWING FOUR CONDITIONS SHALL APPLY WHEN A CONTRACTOR CONDUCTS ANY MARINE COATING OPERATION UNDER THIS PERMIT. FOR THE PURPOSES OF THIS PERMIT, A CONTRACTOR IS ANY PERSON NOT EMPLOYED BY THIS STATIONARY SOURCE AND THE PERMITTEE IS EMPLOYED BY THE STATIONARY SOURCE.

29. CONTRACTORS PERFORMING MARINE COATING OPERATIONS SHALL BE PROVIDED A COPY OF THIS PERMIT PRIOR TO COMMENCING COATING OPERATIONS. (RULE 21)

30. CONTRACTORS SHALL COMPLY WITH ALL CONDITIONS IN THIS PERMIT TO OPERATE. (RULE 21)

31. CONTRACTORS SHALL REPORT THE FOLLOWING INFORMATION TO THE PERMITTEE FOR EACH MARINE COATING OPERATION CONDUCTED UNDER THIS PERMIT IN A FORMAT APPROVED BY THE PERMITTEE. THE INFORMATION UNDER ITEMS A AND B BELOW SHALL BE PROVIDED TO THE PERMITTEE PRIOR TO COMMENCING ANY MARINE COATING OPERATION. (RULE 67.18 AND 21)
A. CURRENT LIST OF ALL MATERIALS CONTAINING VOC AND/OR TAC, INCLUDING COATINGS, COATING COMPONENTS (BASES, CATALYSTS, THINNERS, ETC.), SURFACE PREPARATION, STRIPPING AND EQUIPMENT CLEANING MATERIALS IN USE. MATERIALS SHALL BE IDENTIFIED AS FOLLOWS:
1. COATINGS SHALL SPECIFY CATEGORY AS PER RULE 67.18(D)(1) AND 67.18(D)(2), MANUFACTURER NAME, MANUFACTURER IDENTIFICATION, VOC CONTENT AND MIX RATIO;
2. COATING COMPONENTS SHALL SPECIFY MANUFACTURER NAME, IDENTIFICATION, VOC CONTENT AND MIX RATIO;
3. SURFACE PREPARATION MATERIALS AND EQUIPMENT CLEANING MATERIALS SHALL SPECIFY MANUFACTURER NAME AND MANUFACTURER IDENTIFICATION. VOC CONTENT, VAPOR PRESSURE AND BOILING POINT SHALL BE LISTED AS APPLICABLE TO DEMONSTRATE COMPLIANCE WITH RULE 67.18;
4. CURRENT DOCUMENTATION TO DEMONSTRATE APPLICABILITY OF ANY SPECIALTY COATING CATEGORY PURSUANT TO RULE 67.18(D)(2);
B. CURRENT MSDS OR MANUFACTURER'S SPECIFICATIONS FOR ALL MATERIALS CONTAINING VOCS AND/OR TACS. MSDS OR MANUFACTURER'S SPECIFICATIONS SHALL, AT MINIMUM, CONTAIN THE FOLLOWING INFORMATION: VOC CONTENT BY WEIGHT OR WEIGHT PERCENTAGE, TAC CONTENT BY WEIGHT OR WEIGHT PERCENTAGE, DRYING TIME FOR EACH COATING, AND MATERIAL DENSITY (WEIGHT PER VOLUME) OR MATERIAL SPECIFIC GRAVITY (MATERIAL DENSITY RELATIVE TO THE DENSITY OF WATER); AND,
C. DAILY OR MONTHLY USAGE RECORDS FOR ALL MATERIALS CONTAINING VOCS AND/OR TACS FOR EACH PAINT CELL.

32. THE PERMITTEE SHALL ENSURE THE USAGE AND/OR EMISSION LIMITATION IN THIS PERMIT IS NOT EXCEEDED BASED ON THE USAGE RECORDS OBTAINED FROM THE CONTRACTOR.
B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

33. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS ‘HOT SPOTS’ INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).

34. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
APPENDIX B. RULE REFERENCE TABLE (LAST UPDATED 06/14/11)

<table>
<thead>
<tr>
<th>Rule Citation</th>
<th>Rule Title</th>
<th>A/R</th>
<th>District Adoption Date</th>
<th>SIP FR Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>REGULATION I - GENERAL PROVISIONS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Title</td>
<td>F</td>
<td>04/30/80</td>
<td>09/28/81</td>
</tr>
<tr>
<td>2</td>
<td>Definitions</td>
<td>F</td>
<td>06/30/99</td>
<td>02/03/00 †</td>
</tr>
<tr>
<td>4</td>
<td>Review of Rules</td>
<td>F</td>
<td>01/01/70 †</td>
<td>09/22/72</td>
</tr>
<tr>
<td>5</td>
<td>Authority to Arrest</td>
<td>F</td>
<td>03/24/76 †</td>
<td>05/11/77</td>
</tr>
<tr>
<td><strong>REGULATION II - PERMITS</strong></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>10</td>
<td>Permits Required</td>
<td>F</td>
<td>07/25/95</td>
<td>03/11/98</td>
</tr>
<tr>
<td>10.1††</td>
<td>NSPS &amp; NESHAPS Requirements</td>
<td>D</td>
<td>11/8/76</td>
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<td>11</td>
<td>Exemptions</td>
<td>F</td>
<td>09/20/78</td>
<td>07/06/82</td>
</tr>
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<td>Exemptions from Rule 10 Permit Requirements</td>
<td>D/F</td>
<td>04/25/07</td>
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<td>Registration of Specified Equipment</td>
<td>D</td>
<td>11/15/00</td>
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<td>Portable Equipment Registration</td>
<td>D</td>
<td>05/21/97</td>
<td>N/A</td>
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<td>14</td>
<td>Applications</td>
<td>F</td>
<td>04/30/80</td>
<td>09/28/81</td>
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<td>15</td>
<td>Permit Process - Public Notifications</td>
<td>D/F</td>
<td>09/18/90</td>
<td>Pending</td>
</tr>
<tr>
<td>17</td>
<td>Cancellation of Applications</td>
<td>F</td>
<td>11/25/81</td>
<td>03/11/98</td>
</tr>
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<td>18</td>
<td>Action on Applications</td>
<td>F</td>
<td>01/17/77</td>
<td>09/22/72</td>
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<td>D/F</td>
<td>09/18/90</td>
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<tr>
<td>19</td>
<td>Provision of Sampling and Testing Facilities</td>
<td>F</td>
<td>04/06/93</td>
<td>03/11/98</td>
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<td>11/08/76</td>
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<td>Continuous Emission Monitoring Requirements</td>
<td>F</td>
<td>12/13/78</td>
<td>09/28/81</td>
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<td>19.3</td>
<td>Emission Information</td>
<td>F</td>
<td>05/15/96</td>
<td>03/09/00</td>
</tr>
<tr>
<td>20</td>
<td>Standards for Granting Applications</td>
<td>F</td>
<td>01/17/77</td>
<td>09/22/72</td>
</tr>
<tr>
<td>20</td>
<td>Standards for Granting Permits</td>
<td>D/F</td>
<td>06/10/86</td>
<td>Pending</td>
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<tr>
<td>20.1</td>
<td>Definitions, Emission Calculations, Emission Offsets and Banking, Exemptions, and Other Requirements</td>
<td>F</td>
<td>07/05/79</td>
<td>04/14/81</td>
</tr>
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<td>20.1</td>
<td>NSR - General Provisions</td>
<td>D/F</td>
<td>11/04/98</td>
<td>Pending</td>
</tr>
<tr>
<td>20.2</td>
<td>Standards for Authority to Construct - Best Available Air Pollution Control Technology</td>
<td>F</td>
<td>07/05/79</td>
<td>04/14/81</td>
</tr>
<tr>
<td>20.2</td>
<td>NSR - Non-major Stationary Sources</td>
<td>D/F</td>
<td>11/04/98</td>
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</tbody>
</table>

1. Rule Citations marked with an “††” contain no substantive requirements and are listed for informational purposes only.
2. ‘A/R’ Denotes enforceability of the listed applicable requirement as follows:
   ‘F’ Denotes a Federal applicable requirement that is federally enforceable and District enforceable.
   ‘D/F’ Denotes a District applicable requirement which is pending SIP approval. When such a rule receives SIP approval, it supersedes the existing SIP rule and becomes the Federal applicable requirement.
   ‘D’ Denotes a District only applicable requirement. This may include some state requirements that are enforceable by the District.
3. District adoption dates marked with an “†” are the effective date of the rule, the actual adoption date is uncertain.
4. On September 17, 2010, EPA approved the District’s November, 4, 2009, revision to the table of exempt compounds in Rule 2, which can be administratively amended without Board action to amend the rule.
| 20.3 | Standards for Authority to Construct - Air Quality Analysis | F | 07/05/79 | 04/14/81 |
| 20.3 | NSR - Major Stationary Source and PSD Stationary Source | D/F | 11/04/98 | Pending |
| 20.4 | Standards for Authority to Construct - Major Stationary Sources | F | 07/05/79 | 04/14/81 |
| 20.4 | NSR - Portable Emission Units | D/F | 11/04/98 | Pending |
| 20.5 | Power Plants | F | 07/05/79 | 04/14/81 |
| 20.6 | Standards for Permit to Operate - Air Quality Analysis | F | 07/05/79 | 04/14/81 |
| 20.6 | Standards for Permit to Operate Air Quality Analysis | D/F | 12/15/87 | Pending |
| 20.8 | Special Offset Requirement Relating to Banking | D | 2/16/83 | N/A |
| 21 | Permit Conditions | F | 11/29/94 | 03/11/98 |
| 22 | Denial of Applications | F | 01/01/69† | 09/22/72 |
| 23 | Further Information | F | 01/01/69† | 09/22/72 |
| 24 | Temporary Permit to Operate | F | 03/20/96 | 10/24/08 |
| 25 | Appeals | F | 01/01/69† | 09/22/72 |
| 25 | Appeals | D/F | 06/21/00 | Pending |
| 26.0 | Banking of Emission Reduction Credits (ERCs) - General Requirements | D/F | 10/22/97 | Pending |
| 26.1 | Standards for Granting Emission Reduction Credits (ERCs) | D/F | 10/22/97 | Pending |
| 26.2 | Use of Emission Reduction Credits (ERCs) | D/F | 10/22/97 | Pending |
| 26.3 | Reclassification of Class B Emission Reduction Credits (ERCs) | D/F | 10/22/97 | Pending |
| 26.4 | Permanency of Banked Emission Reduction Credits (ERCs) | D/F | 10/22/97 | Pending |
| 26.5 | Transfer of Emission Reduction Credits (ERCs) | D/F | 10/22/97 | Pending |
| 26.6 | District Banking of Emission Reduction Credits (ERCs) | D/F | 10/22/97 | Pending |
| 26.7 | Shutdown and Related Emission Unit | D/F | 10/22/97 | Pending |
| 26.8 | Banking of Limited Emission Reductions | D/F | 10/22/97 | Pending |
| 26.9 | Emission Reduction Credit Certificates and The Emission Reduction Credit Register | D/F | 10/22/97 | Pending |
| 26.10 | Banking For BRAC Military Base Closure or Realignment Actions | D/F | 10/22/97 | Pending |
| 27 | Banking of Mobile Source Emission Reduction Credits | D/F | 11/29/94 | Pending |
| 27.1 | Federal Requirements for San Diego County APCD Alternative Mobile Source Emission Reduction Program Approved On 9/8/2000 | F | 08/06/08 | 06/03/09 |

**REGULATIONS III - FEES**

| 40 | Permit Fees | D | 8/13/03 | N/A |
| 42 | Hearing Board Fees | D | 06/21/00 | N/A |
| 44 | Technical Reports, Charges for | D | 12/7/83 | N/A |

**REGULATIONS IV - PROHIBITIONS**

| 50 | Visible Emissions | F | 08/13/97 | 12/7/98 |
| 50.1†† | NSPS & NESHAPS Visible Emissions Requirements | D | 11/08/76 | N/A |
| 51 | Nuisance | F | 01/01/69† | 09/22/72 |
| 52 | Particular Matter | F | 01/22/97 | 12/9/98 |
| 52.1†† | NSPS & NESHAPS Particular Matter Requirements | D | 11/08/76 | N/A |
| 53 | Specific Contaminants | F | 01/22/97 | 12/9/98 |
| 53.1 | Scavenger Plants | F | 01/01/69† | 09/22/72 |
| 53.2†† | NSPS & NESHAPS Specific Contaminants Requirements | D | 11/08/76 | N/A |

B-2
<table>
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<tr>
<td>54</td>
<td>Dusts and Fumes</td>
<td>F</td>
<td>01/22/97</td>
<td>12/9/98</td>
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<tr>
<td>54.1</td>
<td>NSPS &amp; NESHAP Dust and Fumes Requirement</td>
<td>D</td>
<td>11/08/76</td>
<td>N/A</td>
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<tr>
<td>58</td>
<td>Incinerator Burning</td>
<td>F</td>
<td>01/17/73†</td>
<td>05/11/77</td>
</tr>
<tr>
<td>59</td>
<td>Control of Waste Disposal - Site Emissions</td>
<td>D</td>
<td>11/03/87</td>
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<tr>
<td>59.1</td>
<td>Municipal Solid Waste Landfills</td>
<td>D</td>
<td>06/17/98</td>
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<td>Circumvention</td>
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<td>05/17/94</td>
<td>03/09/00</td>
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<td>Receiving &amp; Storing Volatile Organic Compounds at Bulk Plants &amp; Bulk Terminals</td>
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<td>Transfer of Volatile Organic Compounds into Stationary Storage Tanks</td>
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<td>Transfer of Gasoline into Stationary Underground Storage Tanks</td>
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<td>Spillage and Leakage of Volatile Organic Compounds</td>
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<td>Sulfur Content of Fuels</td>
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<td>62.1††</td>
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<td>64</td>
<td>Reduction of Animal Matter</td>
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<td>07/22/81</td>
<td>07/06/82</td>
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<td>Organic Solvents</td>
<td>F</td>
<td>07/25/95</td>
<td>08/11/98</td>
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<td>D/F</td>
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<td>03/27/97</td>
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<td>Metal Container, Metal Closure and Metal Coil Coating Operations</td>
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**Regulation V - Procedures Before the Hearing Board**

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**Regulation VI - Burning Control**

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**Regulation VII - Validity and Effective Date**

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### REGULATION VIII - SAN DIEGO
### AIR POLLUTION EMERGENCY PLAN

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**APPENDIX A - Persons to be Notified on Episode Declaration**

### REGULATION IX - PUBLIC RECORDS

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<td>Inspection of Public Records</td>
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### REGULATION XII - TOXIC AIR CONTAMINANTS

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<td>Hexavalent Chromium - Cooling Towers</td>
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<td>Ethylene Oxide Sterilizers and Aerators</td>
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<td>Control of Dioxins Emissions from Medical Waste Incinerators</td>
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<td>02/27/04</td>
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<td>11/30/01</td>
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The following NSPS and NESHAP have been adopted locally by the District. EPA has granted the District delegation for each of these rules. Therefore, these rules, as adopted by the District are the federally applicable requirements. For all other NSPS and NESHAP, the versions cited in the CFR are the federally applicable requirements.

<table>
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<th>Subpart &amp; Citation</th>
<th>RULE TITLE</th>
<th>District Adoption Date</th>
<th>Federal Delegation Date</th>
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<tr>
<td><strong>Part 60</strong></td>
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<td>E</td>
<td>Standards of Performance for Incinerators</td>
<td>Unknown 03/30/77</td>
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<td>Standards of Performance for Asphalt Concrete Plants</td>
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<td>11/08/76</td>
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<td>L</td>
<td>Standards of Performance for Secondary Lead Smelters</td>
<td>Unknown 11/08/76</td>
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<tr>
<td>M</td>
<td>Standards of Performance for Secondary Brass and Bronze Ingot Production Plants</td>
<td>Unknown 09/17/85*</td>
<td>03/30/77</td>
</tr>
<tr>
<td>O</td>
<td>Standards of Performance for Sewage Treatment Plants</td>
<td>01/13/87 09/17/87</td>
<td></td>
</tr>
<tr>
<td>DD</td>
<td>Standards of Performance for Grain Elevators</td>
<td>Unknown 05/24/82</td>
<td></td>
</tr>
<tr>
<td>EE</td>
<td>Standards of Performance for Surface Coating Metal Furniture</td>
<td>03/04/86 11/03/92</td>
<td>03/19/87</td>
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<tr>
<td>QQ</td>
<td>Standards of Performance for the Graphic Arts Industry: Publication Rotogravure Printing</td>
<td>08/24/83 12/22/83</td>
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<tr>
<td>RR</td>
<td>Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations</td>
<td>09/17/86 11/03/92</td>
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<tr>
<td>SS</td>
<td>Standards of Performance for the Industrial Surface Coating Large Appliances</td>
<td>02/22/84 11/03/92*</td>
<td>04/24/84</td>
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<td>TT</td>
<td>Standards of Performance for Metal Coil Surface Coating</td>
<td>02/22/84 11/03/92*</td>
<td>04/24/84</td>
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<tr>
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<td>03/14/89 07/18/89</td>
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<td>09/17/86 03/19/87</td>
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<td>Standards of Performance for Petroleum Dry Cleaners</td>
<td>12/15/87 07/18/89</td>
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<tr>
<td><strong>Part 61</strong></td>
<td><strong>REGULATION XI- NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAPS)</strong></td>
<td></td>
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<tr>
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<td>01/13/87 05/24/82</td>
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<tr>
<td>C</td>
<td>National Emission Standard for Beryllium</td>
<td>Unknown 11/08/76</td>
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<td>D</td>
<td>National Emission Standard for Beryllium Rocket Motor Firing</td>
<td>Unknown 11/08/76</td>
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<tr>
<td>E</td>
<td>National Emission Standard for Mercury</td>
<td>03/27/90 05/17/91</td>
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<tr>
<td>F</td>
<td>National Emission Standard for Vinyl Chloride</td>
<td>08/17/77 06/16/78 11/21/77</td>
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<tr>
<td>M</td>
<td>National Emission Standard for Asbestos</td>
<td>06/04/85 02/01/95 07/18/89</td>
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</table>
The following ATCM and NESHAP have not been adopted by the District, but are being implemented and enforced by the District as ATCM's.

<table>
<thead>
<tr>
<th>Subpart &amp; Citation</th>
<th>Rule Title</th>
<th>A/R</th>
<th>Most Recent Adoption Date</th>
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<tr>
<td>17 CCR § 93102</td>
<td>Hexavalent Chromium ATCM for Chrome Plating &amp; Chromic Acid Anodizing Operations</td>
<td>D/F</td>
<td>12/7/06</td>
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<td>17 CCR § 93109</td>
<td>ATCM For Emissions of Perchloroethylene From Dry Cleaning Operations</td>
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<td>01/25/07</td>
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<tr>
<td>17 CCR § 93101.5</td>
<td>ATCM to Reduce Emissions of Hexavalent Chromium and Nickel from Thermal Spraying</td>
<td>D</td>
<td>09/30/05</td>
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<tr>
<td>17 CCR § 93105</td>
<td>ATCM for Construction, Grading, Quarrying, and Surface Mining Operations</td>
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<td>07/26/01</td>
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<tr>
<td>17 CCR § 93106</td>
<td>Asbestos ATCM for Surface Applications</td>
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<tr>
<td>17 CCR § 93107</td>
<td>ATCM For Emissions of Toxic Metals From Non-Ferrous Metal Melting</td>
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<tr>
<td>17 CCR § 93111</td>
<td>ATCM for Emissions of Chlorinated Toxic Air Contaminants from Automotive Maintenance &amp; Repair Activities</td>
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<tr>
<td>17 CCR § 93112</td>
<td>ATCM for Emissions of Hexavalent Chromium and Cadmium from Motor Vehicle and Motor Equipment Coatings</td>
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<tr>
<td>17 CCR § 93113</td>
<td>ATCM to Reduce Emissions of Toxic Air Contaminants from Outdoor Residential Waste Burning</td>
<td>D</td>
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</tr>
<tr>
<td>17 CCR § 93115</td>
<td>ATCM for Stationary Compression Ignition Engines</td>
<td>D</td>
<td>05/19/11</td>
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<tr>
<td>17 CCR § 93116</td>
<td>ATCM for Portable Diesel-Fueled Engines</td>
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### Part 63

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<thead>
<tr>
<th>District Rules and Regulations Appendix B - National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories</th>
</tr>
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<tbody>
<tr>
<td>A General Provisions</td>
</tr>
<tr>
<td>N Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks</td>
</tr>
<tr>
<td>O Ethylene Oxide Sterilization Facilities</td>
</tr>
<tr>
<td>R Gasoline Distribution</td>
</tr>
<tr>
<td>T Halogenated Solvent Cleaning</td>
</tr>
<tr>
<td>DD Off-site Waste &amp; Recovery Operations</td>
</tr>
<tr>
<td>GG Aerospace Manufacturing and Rework Facilities</td>
</tr>
<tr>
<td>II Shipbuilding and Ship Repair (Surface Coating)</td>
</tr>
<tr>
<td>JJ Wood Furniture Manufacturing Operations</td>
</tr>
<tr>
<td>VVVV Publicly Owned Treatment Works</td>
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<tr>
<td>AAAA Municipal Solid Waste Landfills</td>
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<tr>
<td>EEEE Organic Liquids Distribution (non-gasoline)</td>
</tr>
<tr>
<td>MMMM Surface Coating of Miscellaneous Metal Parts and Products</td>
</tr>
<tr>
<td>PPPP Plastic Parts (surface coating)</td>
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<tr>
<td>SSSS Surface Coating of Metal Coil</td>
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<tr>
<td>VVVV Boat Manufacturing</td>
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<tr>
<td>WWWWW Reinforced Plastic Composites Production</td>
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<tr>
<td>YYY Y Stationary Combustion Turbines</td>
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<tr>
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The following NSPS have been adopted by the District by reference. The rules listed below are the CFR versions of these rules which are federally applicable requirements.

<table>
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<th>Subpart &amp; Citation</th>
<th>RULE TITLE</th>
<th>Latest EPA Promulgation Date</th>
<th>District Adoption Date</th>
<th>Delegation Date</th>
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<tbody>
<tr>
<td>Part 60</td>
<td><strong>DISTRICT RULES AND REGULATIONS APPENDIX C - STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES (NSPS)</strong></td>
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<tr>
<td>D</td>
<td>Standards of Performance for Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971</td>
<td>10/17/00 01/28/09</td>
<td>10/17/01 06/24/09</td>
<td>01/03/08 Pending</td>
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<tr>
<td>Da</td>
<td>Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978</td>
<td>06/11/01 01/28/09</td>
<td>10/17/01 06/24/09</td>
<td>01/03/08 Pending</td>
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<tr>
<td>Db</td>
<td>Standards of Performance for Industrial-Commercial - Institutional Steam Generating Units</td>
<td>10/01/01 01/28/09</td>
<td>04/25/01 06/24/09</td>
<td>01/03/08 Pending</td>
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<tr>
<td>Dc</td>
<td>Standards of Performance for Small Industrial-Commercial - Institutional Steam Generating Units</td>
<td>05/08/96 01/28/09</td>
<td>08/13/97 06/24/09</td>
<td>06/24/98 Pending</td>
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<tr>
<td>GG</td>
<td>Standards of Performance for Stationary Gas Turbines</td>
<td>06/27/89 02/24/06</td>
<td>10/17/01 02/25/09</td>
<td>01/03/08 Pending</td>
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<td>K</td>
<td>Standards of Performance for Storage Vessels for Petroleum Liquids Construct After June 11, 1973 and Prior to May 19, 1978</td>
<td>10/17/00</td>
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<td>Standards of Performance for Storage Vessels for Petroleum Liquids Construction After May 18, 1978</td>
<td>12/14/00</td>
<td>06/20/07</td>
<td>01/03/08</td>
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<tr>
<td>Kb</td>
<td>Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984</td>
<td>10/15/03</td>
<td>06/20/07</td>
<td>01/03/08</td>
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<td>AAA</td>
<td>Standards of Performance for New Residential Wood Heaters</td>
<td>06/12/99 10/17/00</td>
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<td>01/03/08 N/A</td>
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<td>Standards of Performance for Nonmetallic Mineral Processing Plants</td>
<td>06/09/97 10/17/00</td>
<td>04/28/99 N/A</td>
<td>05/28/02 N/A</td>
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<tr>
<td>UUU</td>
<td>Standards of Performance for Calciners and Dryers in Mineral Industries</td>
<td>07/29/93 10/17/00</td>
<td>11/17/99 N/A</td>
<td>05/28/02 N/A</td>
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<td>VVV</td>
<td>Standards for Polymeric Coating of Supporting Substrates Facilities</td>
<td>09/11/89</td>
<td>05/23/07</td>
<td>01/03/08</td>
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<tr>
<td>WWW</td>
<td>Standards of Performance for Municipal Solid Waste Landfills</td>
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<td>CCCC</td>
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<td>06/20/07</td>
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<tr>
<td>KKKK</td>
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<td>02/25/09</td>
<td>06/01/09</td>
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The following NSPS have not been adopted by the District and are not delegated to the District. However, the District has the authority to enforce the NSPS through the Title V program. The rules listed below are the CFR versions of these rules, which are federally applicable requirements.

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<td>IIII</td>
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### APPENDIX C: ABBREVIATIONS

**LIST OF ABBREVIATIONS USED IN THIS PERMIT**

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>APCO</td>
<td>Air Pollution Control Officer</td>
</tr>
<tr>
<td>ASTM</td>
<td>American Society for Testing and Methods</td>
</tr>
<tr>
<td>BACT</td>
<td>Best Available Control Technology</td>
</tr>
<tr>
<td>CAA</td>
<td>federal Clean Air Act</td>
</tr>
<tr>
<td>CFR</td>
<td>Code of Federal Regulations</td>
</tr>
<tr>
<td>CO</td>
<td>Carbon Monoxide</td>
</tr>
<tr>
<td>CO₂</td>
<td>Carbon Dioxide</td>
</tr>
<tr>
<td>District</td>
<td>San Diego County Air Pollution Control District</td>
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<tr>
<td>EF</td>
<td>Emission Factor</td>
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<tr>
<td>EPA</td>
<td>US Environmental Protection Agency</td>
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<tr>
<td>HAP</td>
<td>Hazardous Air Pollutant</td>
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<tr>
<td>I&amp;M</td>
<td>Inspection and Maintenance</td>
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<tr>
<td>NESHAP</td>
<td>National Emission Standard for Hazardous Air Pollutants</td>
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<td>NSPS</td>
<td>New Source Performance Standards</td>
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<tr>
<td>NSR</td>
<td>New Source Review</td>
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<tr>
<td>[NSR]</td>
<td>New Source Review based condition</td>
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<tr>
<td>NOₓ</td>
<td>Oxides of nitrogen</td>
</tr>
<tr>
<td>O₂</td>
<td>Oxygen</td>
</tr>
<tr>
<td>OES</td>
<td>Office of Environmental Services</td>
</tr>
<tr>
<td>O&amp;M</td>
<td>Operation and maintenance</td>
</tr>
<tr>
<td>Pb</td>
<td>Lead</td>
</tr>
<tr>
<td>PM</td>
<td>Total Particulate Matter</td>
</tr>
<tr>
<td>PM₁₀</td>
<td>Particulate matter with aerodynamic equivalent diameter of ≤ 10 microns</td>
</tr>
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<td>PSD</td>
<td>Prevention of Significant Deterioration</td>
</tr>
<tr>
<td>RMP</td>
<td>Risk Management Plan</td>
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<td>SDCAPCD</td>
<td>San Diego County Air Pollution Control District</td>
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<tr>
<td>SIP</td>
<td>State Implementation Plan</td>
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<td>SOₓ</td>
<td>Oxides of sulfur</td>
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<tr>
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<td>Title IV of the federal Clean Air Act</td>
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<tr>
<td>Title V</td>
<td>Title V of the federal Clean Air Act</td>
</tr>
<tr>
<td>VOC</td>
<td>Volatile organic compound</td>
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**Units of Measure:**

- dscf = Dry standard cubic foot
- g = grams
- gal = gallon
- gr/dscf = Grains per dry standard cubic foot
- hr = hour
- lb = pound
- in = inches
- max = maximum
- min = minute
- MM Btu = Million British thermal units
<table>
<thead>
<tr>
<th>Symbol</th>
<th>Definition</th>
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<tbody>
<tr>
<td>psia</td>
<td>pounds per square inch, absolute</td>
</tr>
<tr>
<td>scf</td>
<td>Standard cubic foot</td>
</tr>
<tr>
<td>scfm</td>
<td>standard cubic feet per minute</td>
</tr>
<tr>
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