

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Title V Permit Summary

| AQMD Facility ID: | 18294 | Company Name: | Northrop Grumman Corporation | | | | | | | | | | | | | | | | | |
|--|--|--------------------------------------|------------------------------|-----------|------|----------------------------|---------|------|---------------|-----|--------------|----|---------|------|---------------|-----|-------------|-------|------|------|
| Equipment Location: | 500-800 North Douglas Street, El Segundo, CA 90245 | | | SIC Code: | 3721 | | | | | | | | | | | | | | | |
| Permit Revision #: | Revision Date: | Facility Permit Section(s) Affected: | | | | | | | | | | | | | | | | | | |
| Application #(s): | 504171 | Application Submittal Date(s): | 12/4/2009 | | | | | | | | | | | | | | | | | |
| AQMD Contact Person: | Hamed Mandilawi | Phone #: | (909) 396-3275 | | | | | | | | | | | | | | | | | |
| | | E-Mail Address: | hmandilawi@aqmd.gov | | | | | | | | | | | | | | | | | |
| Project Description: This is an existing facility applying for a Title V permit renewal that is engaged in aircraft manufacturing. The facility operates various spray booths, ovens, autoclaves, boilers, heaters, abrasive blasting systems, emergency ICE generators, a resin mixer, a surface preparation line, baghouses, a scrubber, and other supporting equipment. | | | | | | | | | | | | | | | | | | | | |
| Permit Type: <input type="checkbox"/> Initial Title V Permit <input type="checkbox"/> Significant Revision <input checked="" type="checkbox"/> Permit Renewal | | | | | | | | | | | | | | | | | | | | |
| Permit Features: <input type="checkbox"/> Federally Enforceable Emission Cap For Exemption From Certain NESHAP Requirements <input type="checkbox"/> Permit Shield Applies <input checked="" type="checkbox"/> Permit Contains Conditions Allowing Emission Trading <input type="checkbox"/> Alternative Operating Scenario <input type="checkbox"/> Permit Streamlines Overlapping or Outdated Requirements <input type="checkbox"/> Other: _____ <input type="checkbox"/> Source Out of Compliance With Applicable Requirements and/or Operating Under a Variance | | | | | | | | | | | | | | | | | | | | |
| Toxic Air Contaminant Emissions (TAC) - Annual Reported Emissions for Reporting Year: 2009 | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> No TACs Reported <input checked="" type="checkbox"/> The Following TACs Were Reported: <table style="width: 100%; margin-left: 20px;"> <thead> <tr> <th style="text-align: left;"></th> <th style="text-align: right;"><u>Emissions (lbs/yr):</u></th> </tr> </thead> <tbody> <tr><td>Ammonia</td><td style="text-align: right;">3161</td></tr> <tr><td>Fluorocarbons</td><td style="text-align: right;">102</td></tr> <tr><td>Formaldehyde</td><td style="text-align: right;">26</td></tr> <tr><td>Benzene</td><td style="text-align: right;">3.64</td></tr> <tr><td>1,3-Butadiene</td><td style="text-align: right;">2.5</td></tr> <tr><td>Naphthalene</td><td style="text-align: right;">0.799</td></tr> <tr><td>PAHs</td><td style="text-align: right;">0.43</td></tr> </tbody> </table> | | | | | | <u>Emissions (lbs/yr):</u> | Ammonia | 3161 | Fluorocarbons | 102 | Formaldehyde | 26 | Benzene | 3.64 | 1,3-Butadiene | 2.5 | Naphthalene | 0.799 | PAHs | 0.43 |
| | <u>Emissions (lbs/yr):</u> | | | | | | | | | | | | | | | | | | | |
| Ammonia | 3161 | | | | | | | | | | | | | | | | | | | |
| Fluorocarbons | 102 | | | | | | | | | | | | | | | | | | | |
| Formaldehyde | 26 | | | | | | | | | | | | | | | | | | | |
| Benzene | 3.64 | | | | | | | | | | | | | | | | | | | |
| 1,3-Butadiene | 2.5 | | | | | | | | | | | | | | | | | | | |
| Naphthalene | 0.799 | | | | | | | | | | | | | | | | | | | |
| PAHs | 0.43 | | | | | | | | | | | | | | | | | | | |
| Health Risk From Toxic Air Contaminants: | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Health Risk Reduction Plan in Force (AQMD Rule 1402) (date): _____ <input type="checkbox"/> Health Risk Assessment Required for this Permit Action (AQMD Rule 1401) <input checked="" type="checkbox"/> Facility is Subject to Review by the Air Toxics Information and Assessment Act (AB2588) <input type="checkbox"/> Facility Determined to be Exempt from AB2588 Requirements <input type="checkbox"/> AQMD is Tracking Status of Facility under AB2588 <input type="checkbox"/> Health Risk Assessment Submitted to AQMD and Is Being Reviewed <input checked="" type="checkbox"/> Final Facility Health Risk Approved (date) <u>2000</u> Cancer Risk = <u>7.6 in one million</u> Acute Hazard Index = <u>0.13</u> Chronic Hazard Index = <u>0.05</u> | | | | | | | | | | | | | | | | | | | | |
| Criteria Pollutant Emissions | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> NOx <u>11.8</u> <input checked="" type="checkbox"/> PM <u>0.85</u> <input checked="" type="checkbox"/> CO <u>5.5</u> <input checked="" type="checkbox"/> SOx <u>0.09</u> <input checked="" type="checkbox"/> VOC <u>33.1</u> <input type="checkbox"/> Other: _____ (tons/year) for Reporting Year: 2009 | | | | | | | | | | | | | | | | | | | | |
| Compliance History: | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Citizen Complaints Filed in Last Two Calendar Years (# 0) <input checked="" type="checkbox"/> Notices to Comply Issued in Last Two Calendar Years (# 0) <input checked="" type="checkbox"/> Notices of Violation Issued in Last Two Calendar Years (# 0) | | | | | | | | | | | | | | | | | | | | |
| Comments: | | | | | | | | | | | | | | | | | | | | |