

BAE Systems, Inc.  
San Diego Ship Repair  
2205 East Belt Street  
San Diego, California 92113  
619-359-5591

**BAE SYSTEMS**

February 20, 2024

Mr. Nick Horres, PE  
Senior Air Pollution Control Engineer  
San Diego Air Pollution Control District  
10124 Old Grove Rd.  
San Diego, CA 92131

Subject: Initial Application for Title V Permit, BAE Systems San Diego Ship Repair (SDSR)


Dear Mr. Horres,

BAE Systems San Diego Ship Repair (SDSR) is pleased to submit to the San Diego Air Pollution Control District (SDAPCD) the enclosed initial Title V Permit application for the shipyard located at 2205 Belt St, San Diego, CA 92113. The application processing check for the amount of \$16,553 is enclosed with the application package.

This application package includes all the required forms, as specified on SDAPCD website regarding Title V Permits ([Title V Permits \(sdapcd.org\)](http://TitleVPermits(sdapcd.org))). BAE Systems SDSR has reviewed the forms and deemed them to be correct and relevant to this initial application.

If you have any questions, please feel free to contact Lydia Pellecer at (619) 372-0845 or via email at [lydia.pellecer@baesystems.us](mailto:lydia.pellecer@baesystems.us).

Sincerely,



Lydia Pellecer  
Environmental Manager  
BAE Systems, Inc.  
San Diego Ship Repair

cc: Eric Icke – BAE Systems  
Kim Hyde – BAE Systems  
Masie Hatch – MS Hatch

Internal Use Only	
APP ID: APCD	-APP/CER-
SITE ID: APCD	-SITE-

# GENERAL PERMIT OR REGISTRATION APPLICATION FORM



Submittal of this application does not grant permission to construct or to operate equipment except as specified in Rule 24(c).

## REASON FOR SUBMITTAL OF APPLICATION:

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> New Installation  | <input type="checkbox"/> Existing Unpermitted Equipment or Rule 11 Change                         | <input type="checkbox"/> Modification of Existing Permitted Equipment                      |
| <input type="checkbox"/> Amendment to Existing Authority to Construct or Application | <input type="checkbox"/> Change of Equipment Location   | <input type="checkbox"/> Change of Equipment Ownership (please provide proof of ownership) |
| <input type="checkbox"/> Change of Permit Conditions                                 | <input type="checkbox"/> Change Permit to Operate Status to Inactive                              | <input type="checkbox"/> Banking Emissions   |
| <input type="checkbox"/> Registration of Portable Equipment                          | <input checked="" type="checkbox"/> Other (Specify) <u>Application for initial Title V permit</u> |  |

List affected APP/PTO Record ID(s): \_\_\_\_\_

## APPLICANT INFORMATION

Name of Business (DBA) BAE Systems San Diego Ship Repair Inc.

Does this organization own or operate any other APCD permitted equipment at this or any other adjacent locations? ☒ Yes ☐ No

If yes, list assigned Site Record IDs listed on your Permits APCD 1980-SITE-00204

Name of Legal Owner (if different from DBA) \_\_\_\_\_

Equipment Owner	Authority to Construct Mailing Address
Name: BAE Systems San Diego Ship Repair Inc.	Name: Same as Equipment Owner
Mailing Address: 2205 E. Belt Street	Mailing Address:
City: San Diego State: CA Zip: 92113	City: State: Zip:
Phone: (619) 359-5591	Phone: ( )
E-Mail Address: lydia.pellecer@baesystems.us	E-Mail Address:

Permit To Operate Mailing Address	Invoice Mailing Address
Name: Same as Equipment Owner	Name: Same as Equipment Owner
Mailing Address:	Mailing Address:
City: State: Zip:	City: State: Zip:
Phone: ( )	Phone: ( )
E-Mail Address:	E-Mail Address:

EQUIPMENT/PROCESS INFORMATION: Type of Equipment: ☐ Stationary ☐ Portable, if portable please enter below the equipment storage address. If portable, will operation exceed 12 consecutive months at the same location ☐ Yes ☐ No

Equipment Location Address 2205 E. Belt St. City San Diego State: CA

Parcel No. \_\_\_\_\_ Zip 92113 Phone (619) 359-5591 E-mail: lydia.pellecer@baesystems.us

Site Contact Lydia Pellecer, Environmental Manager Phone (619) 372-0845

General Description of Equipment/Process Initial Title V Operating Permit application for BAE Systems SDSR

Application Submitted by ☒ Owner ☐ Operator ☐ Contractor ☐ Consultant Affiliation \_\_\_\_\_

EXPEDITED APPLICATION PROCESSING: ☐ I hereby request Expedited Application Processing and understand that:

- a) Expedited processing will incur additional fees and permits will not be issued until the additional fees are paid in full (see Rule 40(d)(8)(iv) for details) b) Expedited processing is contingent on the availability of qualified staff c) Once engineering review has begun this request cannot be cancelled d) Expedited processing does not guarantee action by any specific date nor does it guarantee permit approval.

☐ This application contains trade secret or confidential information (see reverse for instructions)

I hereby certify that all information provided on this application is true and correct.

Print Name Lydia Pellecer, Environmental Manager Date 2/20/24  
Phone (619) 359-5591 Company BAE Systems San Diego Ship Repair Inc.  
E-mail Address lydia.pellecer@baesystems.us

## Internal Use Only

Date	Staff Initials	Amt Rec'd \$	Fee Schedule
RNP:	EMF:	NBF:	TA:

GEN\_APP\_Form\_Rev Date: Aug. 2017

**SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT  
APPLICATION FEE ESTIMATE**

Applicant Site ID/EIF ID:	APCD1980-SITE-00204	Reason for Submittal:	Title V - Initial Permit
Equipment Type:	Initial Title V permit		
Applicant DBA:	BAE Systems Inc. San Diego Ship Repair	Existing Site?	Yes
Affected Permit Number:	NA	Estimate Date:	2/16/2024
Equipment Description: (See footnote 8)	Coating/adhesive operations, grinding, abrasive blasting, welding, and engines. See application for complete list.		

ACTIVITY	FEE CLASSIFICATION	QUANTITY	UNIT COST	SUBTOTAL	TRUST (APCD USE)
<b>Initial Evaluation Fee</b>					
Base Engineering Evaluation	T&M Engineering Services	60.0	\$274.00	\$16,440.00	TIV
	Fixed Fee				EFX
<b>Additional Evaluation and Processing Fees (Rule 40(d)(5))</b>					
New Source Review	T&M Engineering Services				NSR
	T&M Monitoring Services				AQI
Toxics New Source Review (Health Risk Assessment)	HRA Base Estimate (Engineering & Monitoring Services)				TNS
NESHAPS/ATCM/NSPS	T&M Engineering Services				HAP
CEQA	T&M Engineering Services				CEQ
Source Testing	Fixed Fee/T&M Monitoring Services				STF
<b>Miscellaneous Fees</b>					
Processing Fee (Rule 40(d)(1)(iii))		1.0	\$113	\$113.00	EFX
Annual Operating Fee (Rule 40(e)(2)(iii))				\$0.00	REN
Emissions Fee (Rule 40(e)(2)(iv))				\$0.00	EMF
Split Payment Fee					

**NOTES:**

**ESTIMATE TOTAL: \$16,553.00**

- (1) This document must be submitted with your application forms and is subject to review by District staff for accuracy.
- (2) The fees contained in this estimate are based on APCD Rule 40. Final fee may be more or less than this estimate (see Rule 40(d)(1)(iii)).
- (3) Emissions determined to be greater than 5 tons per year will be charged a emission fee on a ton per year basis. (see Rule 40 (e)(2)(iv)(A))
- (4) Fees paid by credit card will be assessed a 2.19% processing fee (see Rule 40(c)(5))
- (5) Federal government payments made through DFAS: Please reference the above list Site ID Record number in your DFAS submittal.
- (6) This estimate is valid only for applications received by the District by June 30, 2024

San Diego County Air Pollution Control District  
10124 Old Grove Road San Diego CA 92131-1649  
(858) 586-2600 FAX (858) 586-2601

**TITLE V APPLICATION**  
**Stationary Source Summary (FORM 1401-A1)**

Company Name  
BAE Systems San Diego Ship Repair Inc.

District Use Only  
NEDS # \_\_\_\_\_  
SITE ID # \_\_\_\_\_

**I. FACILITY IDENTIFICATION**

1. Facility Name (if different than company name): Not Applicable
2. Four digit SIC Code: 3731
3. Parent Company (if different than Company Name): Not Applicable
4. Mailing Address: 2205 E. Belt St, San Diego, CA 92113  
City San Diego State CA Zip 92113
5. Street Address or Source Location: 2205 E. Belt St, San Diego, CA 92113  
City San Diego State CA Zip 92113
6. UTM Coordinates: East 486496.29 (m); North 3617246.17 (m)
7. Source Located within 50 miles of a state line: ☒ Yes ☐ No (All sources are within 50 miles)
8. Source Located within 1000 feet of a school: ☐ Yes ☒ No
9. Type of Organization: ☒ Corporation ☐ Sole Ownership ☐ Government  
☐ Partnership ☐ Utility Company
10. Legal Owner's Name: BAE Systems San Diego Ship Repair Inc.
11. Owner's Agent name (if any): N/A
12. Responsible Official: Eric Icke, VP, General Mgr.; ALT: Lydia Pellecer, Env. Mgr.
13. Plant Site Manager/Contact: Lydia Pellecer Phone #: 619-359-5591 FAX #: \_\_\_\_\_
14. Application Contact: Lydia Pellecer
15. Type of Facility: Ship Repair
16. General description of processes/products: Marine coating, adhesive, grinding, abrasive blasting, welding, and engine operations to support ship repair activities.
17. Is a Federal Risk Management Plan (RMP) pursuant to Section 112(r) required? ☐ Yes ☒ No  
(If application is submitted after RMP due date, attach verification that plan is registered with the appropriate agency.)

II. TYPE OF PERMIT ACTION (check)	CURRENT PERMIT (permit number)	EXPIRATION (date)
<input checked="" type="checkbox"/> Initial Title V Application	N/A	N/A
<input type="checkbox"/> Permit Renewal		
<input type="checkbox"/> Significant Permit Modification		
<input type="checkbox"/> Minor Permit Modification		
<input type="checkbox"/> Administrative Amendment		

**III. DESCRIPTION OF PERMIT ACTION**

1. Does the permit action requested involve:  
☐ Acid Rain Source ☐ Alternative Operating Scenarios ☐ Voluntary Emissions Caps  
☐ CEMs ☐ Permit Shield ☒ Abatement Devices  
☐ Outdated SIP Requirement Streamlining ☐ Multiple Applicable Requirement Streamlining  
☐ Source Subject to MACT Requirements [Section 112]  
☐ Source Subject to Enhanced Monitoring (40CFR64) [Compliance Assurance Monitoring]
2. Is source operating under a Compliance Schedule? ☐ Yes ☒ No ☐ Proposed
3. Is source operating under a Variance ☐ Yes ☒ No (If Yes, please attach variance information)
4. For permit modification, provide a general description of the proposed permit modification:  
Not applicable

**IV. SUPPLEMENTAL ATTACHMENTS\*:** Cover Letter; Compliance Assurance Monitoring Applicability Analysis  
\* Means all attachments to the complete application.



San Diego County Air Pollution Control District  
10124 Old Grove Road San Diego CA 92131-1649  
(858) 586-2600 FAX (858) 586-2601

**TITLE V APPLICATION**  
**Stationary Source Summary (FORM 1401-A2)**

Company Name	District Use Only
<u>BAE Systems San Diego Ship Repair Inc.</u>	NEDS # _____ SITE ID # _____

**I. MAJOR SOURCE APPLICABILITY**

Check appropriate pollutant(s) for which you are a Major Source under Title V. Applicability is based on potential to emit. If more space is necessary, use additional forms. Please type or print legibly.

POLLUTANT	MAJOR SOURCE THRESHOLD TOTAL EMISSIONS, TPY	(check if appropriate)
VOC	25	<input checked="" type="checkbox"/>
PM <sub>10</sub>	100	<input type="checkbox"/>
SO <sub>2</sub>	100	<input type="checkbox"/>
NO <sub>x</sub>	25	<input type="checkbox"/>
CO	100	<input type="checkbox"/>
ODC	100	<input type="checkbox"/>
LEAD COMPOUNDS	10	<input type="checkbox"/>
HAZARDOUS AIR POLLUTANTS		
SINGLE HAP	10	<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>
COMBINATION HAP	25	<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>

Attach all necessary calculations to this form as applicable. NOTE: Calculations are only needed if no Emission Inventory is on file with the District

Reference BAE Systems San Diego Ship Repair Inc.

Inventory Year 2022

  
Signature of Responsible Official

Date

2-20-24

Eric Icke  
Print Name of Responsible Official

(619) 359-5375  
Telephone No. of Responsible Official

Vice President – General Manager  
Title of Responsible Official

**II. EMISSIONS CALCULATIONS ATTACHED (as needed)**

☐ Yes ☒ No

**DISTRICT USE ONLY**

Date Application Received: \_\_\_\_\_

Application # \_\_\_\_\_

Application Filing Fee: \_\_\_\_\_

District Received Stamp: \_\_\_\_\_

Receipt #: \_\_\_\_\_

Fee Code: \_\_\_\_\_

San Diego County Air Pollution Control District  
10124 Old Grove Rd., San Diego, CA 92131  
(858) 586-2600 FAX (858) 586-2601

**TITLE V APPLICATION**  
**Insignificant Activity List (FORM 1401-G)**

<p style="text-align: center;"><b>Company Name</b></p> <p><u>BAE Systems San Diego Ship Repair Inc.</u></p> <p>Facility Address: <u>2205 E. Belt St, San Diego, CA 92113</u></p>	<p style="text-align: center;"><b>District Use Only</b></p> <p><b>NEDS #</b> _____</p> <p><b>SITE ID #</b> _____</p>
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**LIST OF EQUIPMENT – INSIGNIFICANT ACTIVITIES**

Place a check mark in the appropriate box for equipment that is considered an insignificant activity based on throughput or equipment capacity.

**Exemptions based on Size (Capacity)**

<u>(Condensed Language of Rule)</u>	<u>Appendix A Citation</u>
<input checked="" type="checkbox"/> Stationary & portable internal combustion engines with $\leq 50$ bhp output rating	(d)(1)(iii)
<input type="checkbox"/> Stationary gas turbines with a power rating of $< 0.3$ megawatt (MW) or a maximum gross heat input rating of 1 million BTUs per hour	(d)(1)(iv)
<input type="checkbox"/> Water cooling towers & ponds with a capacity $< 10,000$ gal/min not used for evaporative cooling of process water or not used for evaporative cooling of water, contaminated water or industrial waste water from barometric jets or from barometric condensers.	(d)(2)
<input checked="" type="checkbox"/> Fuel-burning equipment with a maximum gross heat input rate of $< 1$ million Btu/hour when not part of a process, process line, line, equipment, article, machine or other contrivance for which a permit to operate is required by these Rules and Regulations	(d)(4)(i)
<input checked="" type="checkbox"/> Fuel burning equipment with a maximum gross heat input of $< 20$ million Btu/hour, and fired exclusively with natural gas and/or liquefied petroleum gas	(d)(4)(ii)
<input checked="" type="checkbox"/> Steam boilers, process heaters, and steam generators with a maximum gross heat input of $< 5$ million Btu/hour	(d)(4)(iii)
<input type="checkbox"/> Crucible-type or pot-type furnaces with a brimful capacity of $< 450$ in <sup>3</sup> of any molten metal	(d)(12)
<input type="checkbox"/> Crucible, pot or induction furnaces with a capacity of $\leq 2500$ in <sup>3</sup> , in which no sweating or distilling is conducted and from which only non-ferrous metals except yellow brass, are poured or non-ferrous metals are held in a molten state	(d)(13)
<input type="checkbox"/> Dry batch mixers with $\leq 0.5$ cubic yards rated working capacity	(d)(27)
<input type="checkbox"/> Batch mixers (wet) with $\leq 1$ cubic yard capacity where no organic solvents, diluents or thinners are used.	(d)(28)
<input type="checkbox"/> Roofing kettles (used to heat asphalt) with a capacity of $\leq 85$ gallons	(d)(33)
<input checked="" type="checkbox"/> Abrasive blasting equipment with a manufacturer's-rated sand capacity of $< 100$ lbs or $< 1$ ft <sup>3</sup>	(d)(34)
<input checked="" type="checkbox"/> Paper shredders and paper disintegrators that have a capacity of 600 pounds per hour or less, and the associated conveying systems and baling equipment.	(d)(41)
<input type="checkbox"/> Ovens having an internal volume of $\leq 27$ ft <sup>3</sup> in which organic solvents or materials containing organic solvents are charged	(d)(59)
<input checked="" type="checkbox"/> Cold solvent cleaning tanks, vapor degreasers, and paint stripping tanks with a liquid surface area of $\leq 1.0$ ft <sup>2</sup>	(d)(61)(i)
<input checked="" type="checkbox"/> Cold solvent cleaning tanks, vapor degreasers, and paint stripping tanks which have a maximum capacity of $\leq 1$ gallon	(d)(61)(ii)

**TITLE V APPLICATION**  
**Insignificant Activity List (FORM 1401-G)**

**Continued - Exemptions based on Size (Capacity)**

<u>(Condensed Language of Rule)</u>	<u>Appendix A Citation</u>
<input checked="" type="checkbox"/> Stationary organic compound storage tanks with a capacity of $\leq 250$ gallons	(e)(1)
<input checked="" type="checkbox"/> Liquid surface coating application operations using hand-held brushes for application of a primer coating from containers of $\leq$ eight (8) ounces in size, to fasteners to be installed on aerospace parts	(h)(5)
<input checked="" type="checkbox"/> Liquid surface coating application operations using air brushes with a coating capacity of $\leq 2$ ounces for the application of a stencil coating	(h)(6)
<input type="checkbox"/> Metal inspection tanks that: a) do not utilize a suspension of magnetic or fluorescent dye particles in volatile organic solvent, and b) have a liquid surface area $< 5 \text{ ft}^2$ and c) are not equipped with spray type flow or a means of solvent agitation	(o)(5)
<input type="checkbox"/> Bakery ovens used for baking yeast leavened products where the combined rated heat input capacity is $< 2$ million Btu/hr	(o)(37)

**Exemptions based on Production Rates (Emission Limits)**

<input type="checkbox"/> Printing or graphic arts presses located at a stationary source which emits a total of $< 15$ lbs/day of VOC's subject to Rule 67.16, on each day of operation	(d)(7)
<input type="checkbox"/> Solder levelers, hydrosqueegees, wave solder machines, and drag solder machines which use $< 10$ lbs/day of any material containing VOCs	(d)(23)
<input checked="" type="checkbox"/> Fire extinguishing equipment, using halons with a charge of $< 50$ lbs. of a Class I or Class II ozone depleting compound.	(d)(31)
<input type="checkbox"/> Coffee roasting equipment with a manufacturer's rating of $\leq 15$ lbs/hr	(d)(45)
Equipment used to manufacture bio-agricultural products for exclusive use in field testing required to obtain FDA, EPA, USDA and /or Cal-EPA approval, provided the uncontrolled emissions of VOCs from all such operations $< 5$ ton/yr.	(d)(49)(iii)
<input type="checkbox"/> Oil quenching tanks which use $< 20$ gal/yr of make-up oil	(d)(56)
<input type="checkbox"/> Equipment that is used to conduct research and develop new or improved processes/products, and is operated by technically trained personnel under the supervision of a research director, and is not used in the manufacture of products for sale or exchange for commercial profit, and all emissions are $< 15$ lbs/day.	(d)(48)
<input type="checkbox"/> Powder coating operations, except metalizing gun operations, where surface preparation or cleaning solvent usage is $< 0.5$ gal/day	(d)(62)
<input type="checkbox"/> Equipment used to transfer fuel to & from amphibious ships for maintenance purposes, provided total annual transfers $< 60,000$ gal/yr.	(f)(2)
<input checked="" type="checkbox"/> Stationary storage tanks (excluding tanks subject to Rule 61.9) used exclusively for the storage of liquid organic solvents used as dissolvers, viscosity reducers, reactants, extractants, cleaning agents or thinners provided that emissions $< 15$ lbs/day.	(e)(3)
<input checked="" type="checkbox"/> Liquid surface coating or adhesive application operations (portable or stationary) where not more than 20 gallons per year of material containing organic compounds are applied	(h)(1)
<input checked="" type="checkbox"/> Liquid surface coating application operations exclusively using materials with a VOC content of $< 20$ g/L where $< 30$ gal/day of such materials are applied.	(h)(2)
<input type="checkbox"/> Foam manufacturing or application operations which emit $< 5$ lbs/day of VOCs	(i)(1)
<input type="checkbox"/> Reinforced plastic fabrication operations using resins such as epoxy and/or polyester which emit $< 5$ lbs/day of VOCs	(i)(2)
<input type="checkbox"/> Plastics manufacturing or fabrication operations which emit $< 5$ lbs/day of VOCs	(i)(3)
<input type="checkbox"/> Cold solvent degreasers used for educational purpose and which emit $< 5$ lbs/day of VOCs	(i)(4)

**TITLE V APPLICATION**  
**Insignificant Activity List (FORM 1401-G)**

- |                                     |   |             |
|-------------------------------------|---|-------------|
| <input type="checkbox"/>            | Golf grip application stations which exclusively use liquid materials with an initial boiling point of 450°F (232°C), or greater and which emit < 5 lbs/day of VOCs.  | (j)(5)      |
| <input checked="" type="checkbox"/> | Batch-type waste-solvent recovery stills with batch capacity of ≤ 7.5 gallons for onsite recovery provided the still is equipped with a safety device & VOC emissions are < 5 lbs/day   | (i)(6)      |
| <input type="checkbox"/>            | Peptide and DNA synthesis operations which emit < 5 lbs/day of VOCs   | (i)(7)      |
| <input type="checkbox"/>            | Equipment used for washing or drying articles fabricated from metal, cloth, fabric or glass, provided that no organic solvent is employed in the process and that no oil or solid fuel is burned and none of the products being cleaned has residues of organic solvent and VOC emissions are < 5 lbs/day | (i)(8)      |
| <input type="checkbox"/>            | Hot wire cutting of expanded polystyrene foam which emit < 5 lbs/day of VOCs.   | (i)(9)      |
| <input type="checkbox"/>            | Any coating and/or ink manufacturing operations located at a stationary source, which emit < 15 lbs/day of VOCs.  | (o)(9)      |
| <input type="checkbox"/>            | Any operation producing materials for use in cosmetic or pharmaceutical products and/or manufacturing cosmetic or pharmaceutical products by chemical processes, which emit < 15 lbs/day of VOCs  | (o)(12)     |
| <input checked="" type="checkbox"/> | Refrigeration units except those used as, or with, air pollution control equipment with a charge of < 50 lbs of a Class I or II ozone depleting compound.   | (o)(18)     |
| <input type="checkbox"/>            | Atmospheric organic gas sterilizer cabinets where ethylene oxide emissions are < 5 lbs/yr   | (o)(28)     |
| <input type="checkbox"/>            | Aerosol can puncturing/crushing operations which vents all emissions through a properly operated/maintained carbon canister, provided < 500 cans/day are processed.   | (o)(29)(ii) |
| <input checked="" type="checkbox"/> | Solvent wipe cleaning operations using a container applicator that minimizes emissions to the air where the uncontrolled emissions of VOCs < 5 ton/yr, or the total purchase of solvents < 1,500 gal/yr, or the total purchase of solvents containing a single HAP < 350 gal/yr.                          | (o)(32)     |
| <input type="checkbox"/>            | Equipment approved for use by the EPA for recovering and/or recycling CFCs provided such equipment is charged with < 50 lbs. of a Class I or II ozone depleting compound.   | (o)(33)     |
| <input checked="" type="checkbox"/> | Stationary IC engines rated at ≤ 200 bhp installed and operated before November 15, 2000, which operate < 200 hr/yr.  | (o)(34)(ii) |

**San Diego County Air Pollution Control District**  
**10124 OLD GROVE ROAD, SAN DIEGO, CA 92131-1649**  
**(858) 586-2600 FAX (858) 586-2601**

**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1)**

<b>Company Name</b>  <u>BAE Systems San Diego Ship Repair Inc.</u>	<b>District Use Only</b>  NEDS # _____ SITE ID # _____
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APPLICABLE REQUIREMENTS: Applicable requirements which apply to an entire facility are listed first. The applicant should check appropriate boxes on the form and attach emission unit specific permit number lists where necessary. Where streamlining is employed, note on this form. If information does not fit in the space allotted, attach documentation and reference it on this form. **Type or print legibly.**

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Abrasive Blasting	Adhesive Application	Cold Solvent Degreaser	Diesel Emergency Engine, Portable	Diesel Emergency Engine Stationary, New	Diesel Prime Engine, Portable	Diesel Prime Engine, Stationary	Grinding	Marine Coating and Welding	Marine/Metal Coating	Marine Coating and Adhesive Operation	Resin Operation	Solvent Application Operation	Solvent Recovery Process			Future Effective Date
	Facility Applicable Requirement Description																				
10(a)	Permits Required – (a) Authority to Construct			X																	
10(b)	Permits Required – (b) Permit to Operate			X																	
19	Provision of Sampling & Testing Facilities			X																	
19.2	Continuous Emission Monitoring Requirements																				
19.3	Emission Information			X																	
NSR	New Source Review			X																	
PSD	Prevention of Significant Deterioration																				
21	Permit Conditions			X																	
50	Visible Emissions			X																	
51	Nuisance			X																	
60	Circumvention			X																	

**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1) - continued**

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Abrasive Blasting	Adhesive Application	Cold Solvent Degreaser	Diesel Emergency Engine, Portable	Diesel Emergency Engine Stationary, New	Diesel Prime Engine, Portable	Diesel Prime Engine, Stationary	Grinding	Marine Coating and Welding	Marine/Metal Coating	Marine Coating and Adhesive Operation	Resin Operation	Solvent Application Operation	Solvent Recovery Process			Future Effective Date
67.0.1	Architectural Coatings	(g)		X																	
67.17	Storage of Materials Containing VOC	(e)		X																	
71	Abrasive Blasting			X																	
98	Breakdown Conditions: Emergency Variance (not in the SIP)			X																	
101	Burning Control			X																	
131	Stationary Source Curtailment Plan																				
132	Traffic Abatement Plan																				
<b>Equipment Specific Applicable Requirement Description</b>																					
50	Visible Emissions				X	X	X	X	X	X	X	X	X	X	X	X	X	X			
51	Nuisance				X	X	X	X	X	X	X	X	X	X	X	X	X	X			
52	Particulate Matter	Method 5			X							X									
53	Specific Contaminants	Method 5																			
53.1	Scavenger Plants																				
54	Dust and Fumes	Method 5			X							X									
55	Fugitive Dust Control																				
58	Incinerator Burning																				
59	Control of Waste Disposal – Site Emissions	(e)	(e) & (f)																		
59.1	Municipal Solid Waste Landfills																				



**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1) - continued**

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Abrasive Blasting	Adhesive Application	Cold Solvent Degreaser	Diesel Emergency Engine, Portable	Diesel Emergency Engine Stationary, New	Diesel Prime Engine, Portable	Diesel Prime Engine, Stationary	Grinding	Marine Coating and Welding	Marine/Metal Coating	Marine Coating and Adhesive Operation	Resin Operation	Solvent Application Operation	Solvent Recovery Process			Future Effective Date
60	Circumvention																				
61.0	Definitions Pertaining to the Storage and Handling of Organic Compounds																				
61.1	Receiving & Storing VOCs at Bulk Plants & Terminals	(d)	(c)(7)																		
61.2	Transfer of VOCs into Mobil Transport Tanks	(c)(10)																			
61.3	Transfer of VOCs into Stationary Storage Tanks		(c)(2)(iii)																		
61.3.1	Transfer of Gasoline into Stationary Underground Storage Tanks																				
61.4	Transfer of VOCs into Vehicle Fuel Tanks																				
61.4.1	Transfer of Gasoline from Stationary Underground Storage Tanks into Vehicle Fuel Tanks																				
61.5	Visible Emissions Standards for Vapor Control Systems		VE																		
61.7	Spillage & Leakage of VOCs																				
61.8	Certification Requirements for Vapor Control Equip.																				
62	Sulfur Content of Fuels							X	X	X	X										

**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1) - continued**

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Abrasive Blasting	Adhesive Application	Cold Solvent Degreaser	Diesel Emergency Engine, Portable	Diesel Emergency Engine Stationary, New	Diesel Prime Engine, Portable	Diesel Prime Engine, Stationary	Grinding	Marine Coating and Welding	Marine/Metal Coating	Marine Coating and Adhesive Operation	Resin Operation	Solvent Application Operation	Solvent Recovery Process			Future Effective Date
64	Reduction of Animal Matter																				
66	Organic Solvents (Rule rescinded 8/4/2010)	(p)	(o)																		
66.1	Misc. Surface Coating Operations & other Processes Emitting VOC (not in SIP)	(h)	(f)														X	X			
67.1	Alternative Emission Control Plans (AECPP)	(c)	(d)																		
67.2	Dry Cleaning - Petroleum Solvent	(f)	(e)																		
67.3	Metal Parts Coating	(g)	(f)											X							
67.4	Can & Coil Coating	(g)	(f)																		
67.5	Paper, Film and Fabric Coating	(f)	(e)																		
67.6	Solvent Cleaning Operation (Rule rescinded 5/23/2007)	(f)																			
67.6.1	Cold Solvent Cleaning and Stripping Operations	(g)	(f)				X										X	X			
67.6.2	Transfer of Gasoline from Stationary Underground Storage Tanks into Vehicle Fuel Tanks																				
67.7	Cutback & Emulsified Asphalt	(f)	(e)																		
67.9	Aerospace Coating Operations	(g)	(f)																		

**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1) - continued**

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Abrasive Blasting	Adhesive Application	Cold Solvent Degreaser	Diesel Emergency Engine, Portable	Diesel Emergency Engine Stationary, New	Diesel Prime Engine, Portable	Diesel Prime Engine, Stationary	Grinding	Marine Coating and Welding	Marine/Metal Coating	Marine Coating and Adhesive Operation	Resin Operation	Solvent Application Operation	Solvent Recovery Process			Future Effective Date
67.10	Kelp Processing and Bio-Polymer Mfg.	(f)	(e)																		
67.11	Wood Products Coating																				
67.12.1	Polyester Resin Operations	(g)	(f)													X					
67.15	Pharmaceutical & Cosmetic Manufacturing	(e)																			
67.16	Graphic Arts Operations	(g)	(f)																		
67.17	Open VOC Containers	(e)				X	X						X	X	X	X	X	X			
67.18	Marine Coating Operations	(g)	(f)										X	X	X						
67.19	Coating and Printing Inks Mfg. Operations	(g)	(f)																		
67.20.1	Motor Vehicle & Mobile Equipment Coating Operations																				
67.21	Adhesive Material Application Operations					X									X						
67.22	Expandable Polystyrene Foam Products Manufacturing Operations (not in SIP)																				
67.24	Bakery Ovens	(f)	(e)																		
68	Fuel Burning Equipment - NOx																				
69	Electrical Generating Steam Boilers, Replacement Units and New Units																				

**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1) - continued**

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Abrasive Blasting	Adhesive Application	Cold Solvent Degreaser	Diesel Emergency Engine, Portable	Diesel Emergency Engine Stationary, New	Diesel Prime Engine, Portable	Diesel Prime Engine, Stationary	Grinding	Marine Coating and Welding	Marine/Metal Coating	Marine Coating and Adhesive Operation	Resin Operation	Solvent Application Operation	Solvent Recovery Process			Future Effective Date
69.2	Industrial and Commercial Boilers, Process Heaters and Steam Generators	(f)	(e) & (g)																		
69.2.1	Small Boilers, Process Heaters and Steam Generators																				
69.2.2	Medium Boilers, Process Heaters, and Steam Generators (09/09/2021)																				
69.3.1	Stationary Gas Turbine Engines – BARCT (not in SIP)	(f)	(e) & (g)																		
69.4.1	Stationary Internal Combustion Engines – BARCT (not in SIP)	(f)	(e)					X	X	X	X										
69.5.1	Natural Gas-Fired Water Heaters																				
69.6	Natural Gas Fired Fan-Type Central Furnaces																				
70	Orchard Heaters																				
71	Abrasive Blasting				X																
20.1	NSR - General Provisions			X																	
20.2	NSR – Non-major Stationary Sources																				
20.3	NSR – Major Stationary Sources and Prevention of Significant Deterioration (PSD) Stationary Sources			X																	
20.4	NSR – Portable Emission Units																				

**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1) - continued**

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Repons. Rule Section	Facility	Abrasive Blasting	Adhesive Application	Cold Solvent Degreaser	Diesel Emergency Engine, Portable	Diesel Emergency Engine Stationary, New	Diesel Prime Engine, Portable	Diesel Prime Engine, Stationary	Grinding	Marine Coating and Welding	Marine/Metal Coating	Marine Coating and Adhesive Operation	Resin Operation	Solvent Application Operation	Solvent Recovery Process			Future Effective Date
20.5	Power Plants (SIP Version 7/5/79)																				
20.6	Standards for Permit to Operate Air Quality Analysis																				
SUBPART	Regulation X - Standards of Performance for New Stationary Sources (NSPS)	Rule #	Rule #																		
A	General Provisions		260.7 260.13																		
D	Standards of Performance for Fossil-Fuel Fired Steam Generators	260.46	260.45																		
Da	Standards of Performance for Electric Utility Steam Generating Units Constructed After September 18, 1978		260.47a 260.48a 260.49a																		
Db	Standards of Performance for Industrial-Commercial-Institutional Steam Generating	260.45b 260.46b	260.47b 260.48b 260.49b																		
E	Standards of Performance for Incinerators	260.54	260.53																		
I	Standards of Performance for Asphalt Concrete Plants	260.93																			

**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1) - continued**

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Abrasive Blasting	Adhesive Application	Cold Solvent Degreaser	Diesel Emergency Engine, Portable	Diesel Emergency Engine Stationary, New	Diesel Prime Engine, Portable	Diesel Prime Engine, Stationary	Grinding	Marine Coating and Welding	Marine/Metal Coating	Marine Coating and Adhesive Operation	Resin Operation	Solvent Application Operation	Solvent Recovery Process			Future Effective Date
K	Standards of Performance for Storage Vessels for Petroleum Liquids Constructed after June 11, 1973 and Prior to May 19, 1978		260.113																		
Ka	Standards of Performance for Storage Vessels for Petroleum Liquids Constructed after May 18, 1978	260.113a	260.115a																		
Kb	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	260.113b	260.115b 260.116b																		
L	Standards of Performance for Secondary Lead Smelters	260.123																			
M	Standards of Performance for Secondary Brass and Bronze Ingot Production Plants	260.133																			
O	Standards of Performance for Sewage Treatment Plants	260.154	260.153																		
DD	Standards of Performance for Grain Elevators	260.303																			



**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1) - continued**

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Abrasive Blasting	Adhesive Application	Cold Solvent Degreaser	Diesel Emergency Engine, Portable	Diesel Emergency Engine Stationary, New	Diesel Prime Engine, Portable	Diesel Prime Engine, Stationary	Grinding	Marine Coating and Welding	Marine/Metal Coating	Marine Coating and Adhesive Operation	Resin Operation	Solvent Application Operation	Solvent Recovery Process			Future Effective Date
EE	Standards of Performance for Surface Coating Metal Furniture	260.313 260.316	260.314 260.315																		
GG	Standards of Performance for Stationary Gas Turbines	260.335	260.334																		
QQ	Standards of Performance for the Graphic Arts Industry: Publication Rotogravure Printing	260.433 260.435	260.434																		
RR	Standards of Performance for the Pressure Sensitive Tape and Label Surface Coating Operations	260.444 260.446	260.445 260.447																		
SS	Standard of Performance for the Industrial Surface Coating Large Appliances	260.453 260.456	260.454 260.455																		
TT	Standards of Performance for Metal Coil Surface Coating	260.463 260.466	260.464 260.465																		
BBB	Standards of Performance for the Rubber Tire Manufacturing Industry	260.543 260.547	260.544 260.545 260.546																		
FFF	Standards of Performance for Flexible Vinyl and Urethane Coating and Printing	260.583	260.584 260.585																		
JJJ	Standards of Performance for Petroleum Dry Cleaners																				
Cb. F	Portland Cement Plants																				

**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1) - continued**

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Abrasive Blasting	Adhesive Application	Cold Solvent Degreaser	Diesel Emergency Engine, Portable	Diesel Emergency Engine Stationary, New	Diesel Prime Engine, Portable	Diesel Prime Engine, Stationary	Grinding	Marine Coating and Welding	Marine/Metal Coating	Marine Coating and Adhesive Operation	Resin Operation	Solvent Application Operation	Solvent Recovery Process			Future Effective Date
De	Small Industrial - Commercial -Institutional Steam Generators >10 but <100 MM Btu.																				
Ea	Municipal Waste Combustors																				
G	Nitric Acid Plants																				
H & Cb	Sulfuric Acid Plants																				
N	Oxygen Process Furnaces																				
Na	Oxygen Process Steelmaking Facilities																				
P	Primary Copper Smelters																				
Q	Primary Zinc Smelters																				
R	Primary Lead Smelters																				
S	Primary Aluminum Reduction Plants																				
T & U	Phosphate Fertilizer Industry																				
V, W, X	Phosphate Fertilizer Industry																				
Y	Coal Preparation Plants																				
Z	Ferroalloy Production Facilities																				
AA, AAa	Steel Plants																				
BB	Kraft Pulp Mills																				
CC	Glass Manufacturing Plants																				
HH	Lime Manufacturing Plants																				

**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1) - continued**

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Abrasive Blasting	Adhesive Application	Cold Solvent Degreaser	Diesel Emergency Engine, Portable	Diesel Emergency Engine Stationary, New	Diesel Prime Engine, Portable	Diesel Prime Engine, Stationary	Grinding	Marine Coating and Welding	Marine/Metal Coating	Marine Coating and Adhesive Operation	Resin Operation	Solvent Application Operation	Solvent Recovery Process			Future Effective Date
KK	Lead-Acid Battery Manufacturing Plants																				
LL	Metallic Mineral Processing Plants																				
MM	Automobile and Light-Duty Truck Surface Coating Operations																				
NN	Phosphate Rock Plants																				
PP	Ammonium Sulfate Manufacture																				
UU	Asphalt Processing and Asphalt Roofing Manufacture																				
VV	Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry.																				
WW	Beverage Can Surface Coating Industry																				
XX	Bulk Gasoline Terminals																				
AAA	New Residential Wood Heaters																				
DDD	VOC Emissions from the Polymer Mfg. Ind.																				
GGG	Equipment Leaks of VOC in Petroleum Refineries																				
HHH	Synthetic Fiber Production Facilities																				
KKK, LLL	Onshore Natural Gas Processing: VOC Equipment Leaks and SO <sub>2</sub> Emissions																				

**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1) - continued**

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Abrasive Blasting	Adhesive Application	Cold Solvent Degreaser	Diesel Emergency Engine, Portable	Diesel Emergency Engine Stationary, New	Diesel Prime Engine, Portable	Diesel Prime Engine, Stationary	Grinding	Marine Coating and Welding	Marine/Metal Coating	Marine Coating and Adhesive Operation	Resin Operation	Solvent Application Operation	Solvent Recovery Process			Future Effective Date
NNN	VOC Emissions from Synthetic Organic Chemical Manufacturing Industry Distillation Operations																				
OOO	Standard of Performance for Nonmetallic Mineral Processing Plants																				
PPP	Wool Fiberglass Insulation Mfg. Plants																				
QQQ	VOC Emissions from Petroleum Refinery Wastewater Systems																				
RRR	VOC Emissions from the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes																				
SSS	Magnetic Tape Coating Facilities																				
TTT	Industrial Surface Coating Surface, Surface Coating of Plastic Parts for Business Machines																				
UUU	Calciners and Dryers in Mineral Industries																				
VVV	Polymeric Coating of Supporting Substances Facilities																				
WWW	Standards of Performance for Municipal Solid Waste Facilities																				

**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1) - continued**

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Abrasive Blasting	Adhesive Application	Cold Solvent Degreaser	Diesel Emergency Engine, Portable	Diesel Emergency Engine Stationary, New	Diesel Prime Engine, Portable	Diesel Prime Engine, Stationary	Grinding	Marine Coating and Welding	Marine/Metal Coating	Marine Coating and Adhesive Operation	Resin Operation	Solvent Application Operation	Solvent Recovery Process			Future Effective Date
III	Stationary Compression Ignition Internal Combustion Engines NSPS								X												
JJJ	Stationary Spark Ignition Internal Combustion Engines NSPS																				
SUBPART	<b>REGULATION XI - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAPS)</b>																				
A	General Provisions								X		X										
C, D	Beryllium Extraction Plants; Ceramic Plants, Foundries, Incinerators, Propellant Plants, and Machine Shops that Process Beryllium Containing Material; and Rocket Motor Firing Test Sites																				
E	Mercury Ore Processing; Manufacturing Processes Using Mercury Chloralkali Cells; and Sludge Incinerators.																				
F	Ethylene Dichloride Mfg. Via Oxygen, HCl and Ethylene; Vinyl Chloride Mfg.; and Polyvinyl Chloride Mfg.																				

**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1) - continued**

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Abrasive Blasting	Adhesive Application	Cold Solvent Degreaser	Diesel Emergency Engine, Portable	Diesel Emergency Engine Stationary, New	Diesel Prime Engine, Portable	Diesel Prime Engine, Stationary	Grinding	Marine Coating and Welding	Marine/Metal Coating	Marine Coating and Adhesive Operation	Resin Operation	Solvent Application Operation	Solvent Recovery Process			Future Effective Date
M	Asbestos Mills; Roadway Surfacing with Asbestos Tailings; Manufacture of Products Containing Asbestos; Demolition; Renovation; and Spraying and Disposal of Asbestos Waste																				
B, Q, R T, W	Underground Uranium Mines; Dept. of Energy Facilities; Phosphorus Fertilizer Plants; & Facilities Processing or Disposing of Uranium Ore & Tailings																				
H, I, K	Dept. of Energy; Nuclear Regulatory Commission Licensed Facilities; Other Federal Facilities; and Elemental Phosphorus Plants. (Radionuclide)																				
J, L, Y, BB, FF	Fugitive Process, Storage, and Transfer Equipment Leaks; Coke By-Product Recovery Plants; Benzene Storage Vessels; Benzene Transfer Operations; and Benzene Waste Operations.																				
N, O, P	Glass Manufacturer; Primary Copper Smelter; Arsenic Trioxide and Metallic Arsenic Production Facilities.																				



**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1) - continued**

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Abrasive Blasting	Adhesive Application	Cold Solvent Degreaser	Diesel Emergency Engine, Portable	Diesel Emergency Engine Stationary, New	Diesel Prime Engine, Portable	Diesel Prime Engine, Stationary	Grinding	Marine Coating and Welding	Marine/Metal Coating	Marine Coating and Adhesive Operation	Resin Operation	Solvent Application Operation	Solvent Recovery Process			Future Effective Date
V	Pumps, Compressors, Pressure Relief Devices, Connections, Valves, Lines, Flanges, Product Accumulator Vessels, etc. in VHAP Service																				
SUBPART	MACT Standards (40 CFR 63)																				
A	General Provisions																				
F, G, H, I	Amendment: Reopening, Averaging Issue																				
L	Coke Ovens																				
N	Chromium Electroplating and Anodizing	63.344	63.346, 63.347																		
O	Ethylene Oxide Sterilizers																				
Q	Industrial Process Cooling Towers																				
R	Gasoline Distribution Facilities																				
T	Halogenated Solvent Cleaning Degreasing																				
X	Secondary Lead Smelters																				
Y	Marine Tank Loading/Unloading																				
CC	Petroleum Refineries																				
DD	Off-Site Waste and Recovery Operations																				
EE	Magnetic Tape																				
GG	Aerospace (Coatings)																				
II	Shipbuilding for Ship Repair (Surface Coating)																				

**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1) - continued**

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Abrasive Blasting	Adhesive Application	Cold Solvent Degreaser	Diesel Emergency Engine, Portable	Diesel Emergency Engine Stationary, New	Diesel Prime Engine, Portable	Diesel Prime Engine, Stationary	Grinding	Marine Coating and Welding	Marine/Metal Coating	Marine Coating and Adhesive Operation	Resin Operation	Solvent Application Operation	Solvent Recovery Process			Future Effective Date
JJ	Wood Furniture Industry (Coatings)																				
KK	Printing and Publishing																				
AAAA	Municipal Solid Waste Landfills																				
DDDDD	Industrial, Commercial and Institutional Boilers and Process Heaters																				
MMMM	Surface Coating of Miscellaneous Metal Parts and Products																				
PPPP	Surface Coating of Plastic Parts																				
ZZZZ	Reciprocating Internal Combustion Engines								X		X										
YYYY	Stationary Combustion Turbines																				
HHHHHH	Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources												X								
	40 CFR Part 64 Compliance Assurance Monitoring																				
	40 CFR Part 68 RMP																				
	Title IV - Acid Rain (40 CFR 72)																				
	Title VI-Ozone Depleting Compounds (40 CFR 82)																				
A	Production and Consumption Controls			X																	
B	Servicing of Motor Vehicle Air Conditioners			X																	
F	Servicing of Other Air Conditioners			X																	

**TITLE V APPLICATION**  
**Applicable Requirements Summary Checklist (FORM 1401-H1) - continued**

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Abrasive Blasting	Adhesive Application	Cold Solvent Degreaser	Diesel Emergency Engine, Portable	Diesel Emergency Engine Stationary, New	Diesel Prime Engine, Portable	Diesel Prime Engine, Stationary	Grinding	Marine Coating and Welding	Marine/Metal Coating	Marine Coating and Adhesive Operation	Resin Operation	Solvent Application Operation	Solvent Recovery Process			Future Effective Date
<b>California Requirements Under 17 CCR, Including Airborne Toxic Control Measures (ATCM)</b>																					
§93102	Hexavalent Chromium ATCM for Chrome Plating and Chromic Acid Anodizing Operations																				
§93109	ATCM for Emissions of Perchloroethylene from Dry Cleaning Operations																				
17 CCR 93115	ATCM for Stationary Compression Ignition Engines								X		X										
17 CCR 93116	ATCM for Diesel Particulate Matter from Portable Engines Rated at 50 Horsepower and Greater							X		X											

**San Diego County Air Pollution Control District**  
**10124 Old Grove Road San Diego CA 92131-1649**  
**(858) 586-2600 FAX (858) 586-2601**

**TITLE V APPLICATION**  
**LIST OF PERMITS BY EQUIPMENT CATEGORY (FORM 1401-H2)**

<b>Company Name</b>	<b>District Use Only</b>
<u>BAE Systems San Diego Ship Repair Inc.</u>	NEDS # _____
Facility Address: <u>2205 E. Belt St, San Diego, CA 92113</u>	SITE ID # _____

**PERMITTED EMISSION UNITS BY EQUIPMENT CATEGORY**

In the emission unit (equipment) category order entered on Form 1401-H1, Applicable Requirements Summary Checklist, list emission units by permit number for the specific emission unit (equipment) category. Under the column labeled status place an "O" if operational, "N" if non-operational, or "S" if the equipment is new and currently operating under a startup authorization. If more space is required, use additional forms. Please type or print legibly.

Emission Unit Category	Application/ Permit No.	Status of Emission Unit
Abrasive Blasting	930298	O
Adhesive Application	975762	O
Cold Solvent Degreaser	961986	O
Diesel Emergency Engine, Portable	004489	O
Diesel Emergency Engine, Stationary, New	002828	O
Diesel Emergency Engine, Stationary, New	002829	O
Diesel Emergency Engine, Stationary, New	007489	ATC
Diesel Prime Engine, Portable	971495	O
Diesel Prime Engine, Portable	962006	O
Diesel Prime Engine, Portable	962075	O
Diesel Prime Engine, Portable	001647	O
Diesel Prime Engine, Portable	003681	O
Diesel Prime Engine, Stationary	030064	O
Diesel Prime Engine, Stationary	030067	O
Resin Operation	900222	O
Grinding	000658	O
Grinding	000659	O
Marine Coating and Welding	006646	O
Marine/Metal Coating	030718	N

<b>TITLE V APPLICATION</b> <b>LIST OF PERMITS BY EQUIPMENT CATEGORY (FORM 1401-H2)</b>
---

San Diego County Air Pollution Control District  
10124 Old Grove Road San Diego CA 92131-1649  
(858) 586-2600 FAX (858) 586-2601

**TITLE V APPLICATION**  
**Certification Statement (FORM 1401-I)**

Company Name	District Use Only
BAE Systems San Diego Ship Repair Inc.	NEDS # _____
Facility Address: 2205 E. Belt St, San Diego, CA 92113	SITE ID # _____

*Under penalty of perjury, identify the following: (Read each statement carefully and check each box for confirmation.)*

Applicable	Not Applicable	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Based on information and belief formed after reasonable inquiry, the source(s) identified in this application will continue to comply with the applicable requirement with which the source is in compliance. The applicable requirement(s) with which the source(s) is/are not in compliance is/are identified in Form 1401-L, Schedule of Compliance.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Based on information and belief formed after reasonable inquiry, the source(s) identified in this application will comply with the future-effective applicable requirement(s) on a timely basis.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Based on information and belief formed after reasonable inquiry, the source(s) identified in the Schedule of Compliance application form that is/are not in compliance with the applicable requirement(s), will comply in accordance with the attached compliance plan schedule.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Based on information and belief formed after reasonable inquiry, information on application forms, referenced documents, all accompanying reports, and other required certifications are true, accurate, and complete.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	All fees required by Regulation III, Rule 40 have been paid.

\_\_\_\_\_  
Signature of Responsible Official

Eric Icke  
\_\_\_\_\_  
Print Name of Responsible Official

Vice President – General Manager  
\_\_\_\_\_  
Title of Responsible Official

2-26-24  
\_\_\_\_\_  
Date  
  
(619) 359-5375  
\_\_\_\_\_  
Telephone No. of Responsible Official



San Diego County Air Pollution Control District  
10124 Old Grove Road San Diego CA 92131-1649  
(858) 586-2600 FAX (858) 586-2601

**TITLE V APPLICATION**  
**Compliance Certification Schedule (FORM 1401-K)**

<p style="text-align: center; margin: 0;"><b>Company Name</b></p> <p><u>BAE Systems San Diego Ship Repair Inc.</u></p> <p>Facility Address: <u>2205 E. Belt St. San Diego, CA 92113</u></p>	<p style="text-align: center; margin: 0;"><b>District Use Only</b></p> <p>NEDS # _____</p> <p>SITE ID # _____</p>
---	---

In numerical order, list all sources that have federally enforceable requirements for compliance certification on a more frequent basis than once per year. **If more space is required, use additional forms. Please type or print legibly.**

Permit No.	Emission Unit Name	Applicable Requirements	Frequency
None	None	None	Not Appl.

**San Diego County Air Pollution Control District**  
**10124 Old Grove Road San Diego CA 92131-1649**  
**(858) 586-2600 FAX (858) 586-2601**

**TITLE V APPLICATION**  
**Schedule of Compliance (FORM 1401-L)**

<b>Company Name</b> <u>BAE Systems San Diego Ship Repair Inc.</u>	<b>District Use Only</b> <b>NEDS #</b> _____ <b>SITE ID #</b> _____
<b>Facility Address:</b> <u>2205 E. Belt St, San Diego, CA 92113</u>	

## SOURCES NOT IN COMPLIANCE

In numerical order, list all emission units by permit number that do not comply with a federally enforceable requirement. Describe how the source will achieve compliance. Propose a schedule to correct the deficiencies, and include a schedule for progress reports. Reports must be submitted at least every six months. If the source is operating under a judicial consent decree or administrative order, the Schedule of Compliance must be at least as stringent. **If more space is required, use additional forms. Please type or print legibly.**

[illegible]

**San Diego County Air Pollution Control District**  
**10124 Old Grove Road San Diego CA 92131-1649**  
**(858) 586-2600 FAX (858) 586-2601**

**TITLE V APPLICATION**  
**Abatement Devices (FORM 1401-M)**

<b>Company Name</b> <u>BAE Systems San Diego Ship Repair Inc.</u>	<b>District Use Only</b> <b>NEDS #</b> _____ <b>SITE ID #</b> _____
<b>Facility Address:</b> <u>2205 E. Belt St, San Diego, CA 92113</u>	

## LIST OF ABATEMENT DEVICES

In numerical order, list all abatement devices, the abatement device, name or description, and the emission unit or operation abated. If more space is required, use additional forms. Please type or print legibly.

[illegible]

San Diego County Air Pollution Control District  
10124 Old Grove Road San Diego CA 92131-1649  
(858) 586-2600 FAX (858) 586-2601

**TITLE V APPLICATION**  
**Alternative Operating Scenario (FORM 1401-N)**

<b>Company Name</b> BAE Systems San Diego Ship Repair Inc.	<b>District Use Only</b> NEDS # _____ SITE ID # _____
Facility Address: 2205 E. Belt St, San Diego, CA 92113	

**SCENARIO WITH EMISSION CHANGES**

Give a title, a brief description, and an emission change. Attach calculations and detailed descriptions of each scenario to this form, using one form for each scenario. **Please type or print legibly.**

**Operating Scenario #** NONE

<b>TITLE</b>	NONE
<b>DESCRIPTION</b>	NONE
<b>EMISSION CHANGE</b>	NONE

Attach all necessary calculations, detailed descriptions, and proposed terms and conditions to this form.

San Diego County Air Pollution Control District  
10124 Old Grove Road San Diego CA 92131-1649  
(858) 586-2600 FAX (858) 586-2601

**TITLE V APPLICATION**  
**Multiple Applicable Requirements Streamlining (FORM 1401-O)**

<b>Company Name</b> BAE Systems San Diego Ship Repair Inc.	<b>District Use Only</b> NEDS # _____ SITE ID # _____
Facility Address: 2205 E. Belt St, San Diego, CA 92113	

**MULTIPLE APPLICABLE REQUIREMENTS STREAMLINING**

If more space is required, use additional forms. Please type or print legibly.

Application No(s) Permit No(s)	Multiple Applicable Requirements	Streamlined Requirements	Attachment Number
NONE	NONE	NONE	NOT APPLICABLE

San Diego County Air Pollution Control District  
10124 Old Grove Road San Diego CA 92131-1649  
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**TITLE V APPLICATION**  
**Permit Shield (FORM 1401-Q)**

<b>Company Name</b> BAE Systems San Diego Ship Repair Inc.	<b>District Use Only</b> NEDS # _____ SITE ID # _____
Facility Address: 2205 E. Belt St, San Diego, CA 92113	

**REQUEST FOR PERMIT SHIELD**

If more space is required, use additional forms. Please type or print legibly.

Application No(s) Permit No(s)	Requirements to be Shielded	Basis	Attachment Number
None	None	None	Not Applicable

### Analysis Compliance Assurance Monitoring (CAM) Applicability Analysis

Permit Number	Emission Unit	Pollutant Controlled	Control Device	Subject to Emission Standard?	Applicable Emission Standard	Control Efficiency (CE), %	Uncontrolled Emissions, ton/yr	CAM applicability Threshold, ton/yr	Subject to CAM?	Notes
659	Fiberglass reinforced plastic machining booth (Booth A) with dimensions 40 ft long, 8 ft wide, and 8 ft high, using various hand machining tools including but not limited to: Dewalt drill, Model: DC930, S/N: 925285; Porter Cable router, Model: 75192, S/N: 038500; Porter Cable sander, Model: 362, S/N: 160383; Skilsaw circular saw, Model: 77, S/N: HC-862860	PM	Donaldson Torit dust collector, Model: DF04-16, S/N: TG926496, containing eight MERV 13 cartridge filters.	Yes	0.1 gr/scf (Rule 52)		4.47	100	No	Engineering Analysis, dated 5/27/2009, estimated the uncontrolled PM10 emission rate as 1.02 lb/hr. Assuming continuous operation, uncontrolled emissions would be 4.5 tons/year.
659	Fiberglass reinforced plastic machining booth (Booth B) with dimensions 23 ft long, 10 ft wide, and 8 ft high, using various hand machining tools including but not limited to: Dewalt drill, Model: DC930, S/N: 925285; Porter Cable router, Model: 75192, S/N: 038500; Porter Cable sander, Model: 362, S/N: 160383; Skilsaw circular saw, Model: 77, S/N: HC-862860	PM	vented to Donaldson Torit dust collector, Model: DF04-16, S/N: TG926496, containing eight MERV 13 cartridge filters.	Yes	0.1 gr/scf (Rule 52)		4.47	100	No	Engineering Analysis, dated 5/27/2009, estimated the uncontrolled PM10 emission rate as 1.02 lb/hr. Assuming continuous operation, uncontrolled emissions would be 4.5 tons/year.
6646	Outdoor marine coating and welding operation	Cr, Pb, Mn, Ni, Cd, As, or Be: and Toxics from welding	High efficiency filters (98% efficiency) and HEPA filters for welding	No	Not applicable				No	The emission unit is not subject to any permit or regulatory emission standard for which controls are installed.
930298	Abrasive blast room with recycling equipment; blast room (50ft x 70ft x 31ft h) custom made with metallic rolling doors for access. Four (4) 6.0 cu.ft. capacity Clemco Model 2452 abrasive blast machines. One (1) 120 cu.ft. and 6-ton capacity Clemco model Big Clem abrasive blast machine, 600 lb abrasive blast pot.	PM	Dust control equipment Torit Dust collector, Model: 4DF48, Serial No.: 242074, with 48 cartridge filters, dust collection efficiency: 99.99% at 5 microns. Total system flow rate: 23,000 cu ft min	Yes	0.1 gr/scf (Rule 52)	99.99% Equipment Description	73.00	100	No	Uncontrolled PTE is less than major source threshold.



PTO 930298

**Abrasive blast room with recycling equipment**

**I. Blast System Information**

Blast Media Used	Multiple
Blast System	Four (4) 6.0 cu.ft. capacity Clemco Model 2452 abrasive blast machines. One (1) 120 cu.ft. and 6-ton capacity Clemco model Big Clem abrasive blast machine, 600 lb abrasive blast pot.

**II. Operating Schedule**

	Maximum	
Minutes/Hour	60	Conservatively assumed two shifts
Hours/Day	16	
Days/Year	365	

**III. Maximum (Worst Case) Abrasive Blast Material Usage**

5/16 inch, 8 mm	Nozzle Size. Assumed.
125	psi, pressure at the nozzle
5	Number of Nozzles. BAE actually uses four nozzles. Conservatively assumed five nozzles.
1000	Source: online search to correlate nozzle size and flow rate, Kennametal brochure <a href="https://catalogs.kennametal.com/infrastructure/Abrasive-Blast-Nozzles/C/">https://catalogs.kennametal.com/infrastructure/Abrasive-Blast-Nozzles/C/</a>
lb/hr	total maximum hourly rate
5000	lb/hr
2.5	ton/hr
40	ton/day
14600	tons/yr

**V. Emission Factors**

Pollutant	lb/ton	
PM <sub>10</sub>	10	A10 - ABRASIVE BLASTING, MISCELLANEOUS BLAST MATERIALS, UNCONTROLLED <a href="https://www.sdapcd.org/content/dam/sdapcd/documents/permits/emissions-calculation/abrasive-blasting/APCD-Misc-Blast-Medium-Site-Specific-Controls.pdf">https://www.sdapcd.org/content/dam/sdapcd/documents/permits/emissions-calculation/abrasive-blasting/APCD-Misc-Blast-Medium-Site-Specific-Controls.pdf</a>

**VI. Emission Calculations**

Maximum Emissions - Uncontrolled				
	Hourly lbs/hr	Daily lbs/day	Yearly lbs/yr	Yearly Ton/yr
PM <sub>10</sub>	25.000	400.00	146,000	73.00