

DEPARTMENT OF ENVIRONMENTAL PROTECTION

REGISTRATION CERTIFICATE
EPAC-10 REV. 7-73

STATE OF CONNECTICUT

DEPARTMENT OF ENVIRONMENTAL PROTECTION



TRANSFERRED TO:

Electric Boat Corp



Stack No. 0070-0005-24

EQUIPMENT CLASSIFICATION		ENGINEER: <u>WFS</u>	DATE: <u>6/12/77</u>	REGISTRATION NO.
☐ FUEL BURNING	☐ INCINERATOR	☒ PROCESS MFG.	☐ AIR POLLUTION CONTROL	0070-0227
FIRM NAME				DATE ISSUED
Electric Boat Division General Dynamics				8/20/80
LOCATION OF EQUIPMENT (No. & Street, Town, Zip)				
Eastern Point Rd., Groton, CT 06340				
COMMISSIONER OR HIS REPRESENTATIVE				

1. APPLICATION NO.	2. STACK NO.
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TO: Department of Environmental Protection, Air Compliance Section, State Office Bldg., Hartford, Conn. 06115. Tel. 566-2690

3. FIRM	LEGAL NAME	BUSINESS ADDRESS (No. & Street, City or Town)	ZIP CODE	PHONE
4. DIVISION	General Dynamics Corporation			
5. APPLICANT	Electric Boat Division			
6. INSTALLATION	Thomas W. Archer			
7. EQUIPMENT BEING REGISTERED	TYPE OF EQUIPMENT (e.g., storage tank)	AIR POLLUTION CONTROL EQUIPMENT USED (if "YES," file form EP-7)		
	Bldg 212 Spray Painting	☒ YES ☐ NO <u>Filters</u>		

8. MAJOR ACTIVITY OF FIRM	☒ MFG. ☐ OFFICE ☐ RETAIL OR WHLSE. STORE ☐ SCHOOL OR CHURCH ☐ HOTEL/MOTEL ☐ HOSPITAL OR LAB. ☐ WAREHOUSE ☐ RESIDENCE OR APTS. ☐ OTHER (Specify)
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9. TYPES OF FUELS USED	FUEL	GRADES (x)	SULFUR CONTENT	ASH CONTENT	ANNUAL USAGE (Tons, Gals. or Cu. Ft.)	MAXIMUM FIRING RATE (Lbs., Gals., Cu. Ft./hr.) (BTU/hr.)		SEASONAL USE			FUEL SUPPLIER	
	OIL ☐	Kerosene	. %	. %				Month	to	Month	Name	City or Town
		2	. %	. %								
		4	. %	. %								
		5	. %	. %								
		6	. %	. %								
	NAT. GAS ☐											
OTHER ☐												

10. PROCESS WEIGHTS	MATERIALS	USE (Solvent, Catalyst)	ENTERING Gal. (Tons/Yr.)	LEAVING (Tons/Yr.)	11. POLLUTANTS EMITTED	MATERIAL	RATE OF EMISSIONS (Tons/Yr.)	METHOD USED TO DETERMINE EMISSIONS	
	Sovapon Gray	Paint	2,500	2,500		Paint Solvent	10gal/day	4.87	3.9#/gal
	Zinc chromate	"	500	500		" "	2gal/day	0.85	3.4#/gal
	Amercoat 83-84	"	500	500		" "	2gal/day	.97	3.9#/gal
	Paint thinner	"	500	500		" "	2gal/day	1.75	7#/gal

12. STORAGE AND PROCESS TANK INFORMATION	CAPACITY (Gallons)	TYPE OF COVER	STORAGE TEMPERATURE: °F
	5 gal cans	☐ NONE ☐ CLOSED WITH VENT. TO ATMOSPHERE ☐ OTHER (Specify)	
	MATERIAL BEING STORED	☐ FLOATING ROOF ☐ CLOSED WITH VAPOR RECOVERY SYSTEM	

13. EQUIPMENT INFORMATION	EXHAUST GAS FLOW RATE (ACFM): <u>2 fans</u>	MAXIMUM <u>10,000 Cu Ft per min</u>	NORMAL	DATE STARTED UP	Breaching Gas Temp. (°F):	No. OF IDENTICAL UNITS	OPERATING HOURS:	HOURS/DAY	HOURS/YR.
	<u>in wall</u>			1962		1		8	2,000

14. STACK INFORMATION	STACK EXIT DIRECTION	STACK EXIT DIMENSIONS	STACK HEIGHT (Feet)	IS STACK EQUIPPED WITH RAIN HAT?
	☐ HORIZ. ☒ VERT.	I.D. <u>2 x 3 ft</u> in. OR _____ in. X _____ in.	<u>(2) 12 ft above ground</u>	☐ YES ☒ NO
	SMOKE INDICATOR IN STACK	MAKE AND MODEL NO.	STACK LINING	
	☐ YES ☒ NO		☐ METAL ☐ REFRACTORY ☒ OTHER (Specify) <u>General Ventilation</u>	

15. STACK LOCATION	Name of nearest intersecting street: <u>Eastern Pt Rd + Pogumoh.</u>	Distance to stack from intersection: <u>1200</u> FT.	DIRECTION TO STACK: (Circle one) <u>(SE)</u> N, NE, E, S, SW, W, NW
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16. CERTIFICATION	I certify that I have examined the above information and that to the best of my knowledge it is true and complete. (Signature subjects signer to provisions of the General Statutes regarding false and misleading statements).	SIGNED	TITLE	DATE
		<u>R. Allen</u>	<u>MGR FACILITIES ENGINEERING</u>	<u>8/17/79</u>

MAIN FILE

PLEASE DO NOT WRITE IN THIS SPACE

DATE RCV'D FROM APPLICANT. / /

DATE REVIEWED / /

BY

DATE COPY SENT TO LOCAL AGENCY / /

BY

REGISTRATION NUMBER 227

PREMISE NO. 0070-000517

STACK NO. 24

STATE GRID CO-ORDINATES

X 7.83300

Y 1.88250

Z = 10

REGISTRATION CARD SENT

STORED ON COMPUTER

DATE / /

BY

BY

EMERGENCY STANDBY PLANS

PLAN REQUIRED ☐ YES ☐ NO

DATE PLAN - MANUAL SENT TO APPLICANT / /

BY

DATE FORM RETURNED / /

BY

DATE PLAN APPROVED / /

BY

[Handwritten notes and signatures at the bottom of the page, including "1500", "10000", and various illegible signatures and markings.]