

REGISTRATION CERTIFICATE
EPAC-10 REV. 7-73



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



STACK NO. 01921005301

EQUIPMENT CLASSIFICATION			REGISTRATION NO.
<input checked="" type="checkbox"/> FUEL BURNING	<input type="checkbox"/> INCINERATOR	<input checked="" type="checkbox"/> PROCESS MFG.	01920640
FIRM NAME			DATE ISSUED
SOMERS THIN STRIP			12/05/73
LOCATION OF EQUIPMENT (No. & Street, Town, Zip)		WATERBURY CT 06720	
215 PIEDMONT ST			
COMMISSIONER OR HIS REPRESENTATIVE			

DEPARTMENT OF ENVIRONMENTAL PROTECTION

TO: Department of Environmental Protection, Air Compliance Section, State Office Bldg., Hartford, Conn. 06115. Tel. 566-2690

1. APPLICATION NO. 2	2. STACK NO. 1
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3. FIRM	LEGAL NAME OLIN CORPORATION	BUSINESS ADDRESS (No. & Street, City, Zip Code)	PHONE
4. DIVISION	SOMERS THIN STRIP, BRASS GROUP	120 LONG RIDGE RD., STAMFORD, CONN. 06904	356-2000
5. APPLICANT	C. L. EMERICK, CHIEF ENGINEER	215 PIEDMONT ST., WATERBURY, CONN. 06720	756-8321
6. INSTALLATION		215 PIEDMONT ST., WATERBURY, CONN. 06720	756-8321
7. EQUIPMENT BEING REGISTERED	TYPE OF EQUIPMENT (e.g., Boiler) BOILER (#4)	AIR POLLUTION CONTROL EQUIPMENT USED (If "Yes," file form EP-7) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

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)

9. TYPES OF FUELS USED	FUEL	GRADES (x)	SULFUR CONTENT	ASH CONTENT	ANNUAL USAGE (Tons, Gals. or Cu. Ft.)	MAXIMUM FIRING RATE		SEASONAL USE			FUEL SUPPLIER		
						(Lbs., Gals., Cu. Ft./hr.)	(BTU/hr.)	Month	to	Month	Name	City or Town	
<input type="checkbox"/> COAL	Bituminous		. %	. %	1975 48,873 41,580	45 GPH	6,390,000	NOV	MAR.	TAD JONES	NEW HAVEN		
		Anthracite	. %	. %									
	<input checked="" type="checkbox"/> OIL	Kerosene	2	. %									. %
			4	X 0.5 %									0.01 %
			5	. %									. %
			6	. %									. %
<input checked="" type="checkbox"/> NAT. GAS				1,070,900	6000 CFH	6,120,000	APR	OCT.	C.L. & P.	WATERBURY			
<input type="checkbox"/> OTHER													

10. BURNER EQUIPMENT

ARE OIL HEATERS USED? YES NO

OIL TEMPERATURE BEFORE INJECTION: AMBIENT °F

BURNER MANUFACTURER: _____ BURNER MODEL No.: BHE-6V3A3

PREFERRED UTILITIES: _____

11. TYPE OF COAL BURNER

HAND FIRED UNDERFEED STOKER TRAVELING GRATE CHAIN GRATE SPREADER STOKER STOKER WITH GAS REINJECTION CYCLONE FURNACE PULVERIZED COAL OTHER (Specify)

12. TYPE OF OIL BURNER

PRESSURE OR GUN ROTARY CUP STEAM ATOMIZER AIR ATOMIZER TANGENTIALLY FIRED OTHER (Specify)

13. COMBUSTION

OVERFIRE AIR CONTROL: YES NO

TYPE OF DRAFT: FORCED INDUCED NATURAL

TYPE OF DRAFT: TIME SWITCHED SMOKE INDICATOR MANUAL OTHER (Specify)

14. POLLUTANTS EMITTED	MATERIAL	RATE OF EMISSIONS (Tons/Yr.)	METHOD USED TO DETERMINE EMISSIONS	15. EQUIPMENT INFORMATION	
				BREACHING GAS TEMPERATURE (°F)	No. OF IDENTICAL UNITS
	SO ₂	1.64	EMISSION FACTOR = 78 LB/1000 GAL. BASED ON .5% S	350-400	1
	PARTICULATES	0.48	EMISSION FACTOR = 23 LB/1000 GAL.	DATE SOURCE STARTED UP: 1/61	
				EXHAUST GAS FLOW RATE (ACFM): 34	MAXIMUM HOURS PER YEAR: 40
				OPERATING HOURS: 24 HOURS PER DAY	1200 HOURS PER YEAR

16. STACK INFORMATION

STACK EXIT DIRECTION: HORIZ. VERT.

STACK EXIT DIMENSIONS: I.D. 36 in. OR --- in. X --- in.

STACK HEIGHT (Feet): 50

IS STACK EQUIPPED WITH RAIN HAT? YES NO

SMOKE INDICATOR IN STACK: YES NO

STACK LINING: METAL REFRACTORY OTHER (Specify)

17. STACK LOCATION

Name of nearest intersecting street: PIEDMONT ST/BALDWIN AVENUE

Distance to stack from intersection: 780 FT.

DIRECTION TO STACK: (Circle one) N, NE, E, SE, S, SW, W, (NW)

18. 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: Charles J. Emerick
DATE: 9/29/72
TITLE: CHIEF ENGR.

x = 522,000 y = 256,200

MAIN FILE

