

**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 type="checkbox"/> PROCESS MFG.	<input type="checkbox"/> AIR POLLUTION CONTROL	01920638
FIRM NAME				DATE ISSUED
SOMERS THIN STRIP INC				12/05/73
LOCATION OF EQUIPMENT (No. & Street, Town, Zip)				
215 PIEDMONT ST		WATERBURY CT 06720		
COMMISSIONER OR HIS REPRESENTATIVE				

DEPARTMENT OF ENVIRONMENTAL PROTECTION

EP-4 NEW 5-72

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

1. APPLICATION NO. 1	2. STACK NO. 1
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3. FIRM	LEGAL NAME	BUSINESS ADDRESS (No. & Street, City, Zip Code)	PHONE
4. DIVISION	OLIN CORPORATION	120 LONG RIDGE RD., STAMFORD, CONN. 06904	356-2000
5. APPLICANT	SOMERS THIN STRIP, BRASS GROUP	215 PIEDMONT ST., WATERBURY, CONN. 06720	756-8321
6. INSTALLATION	C. L. EMERICK, CHIEF ENGINEER	215 PIEDMONT ST., WATERBURY, CONN. 06720	756-8321
7. EQUIPMENT BEING REGISTERED	BOILERS (#1 & #3)	215 PIEDMONT ST., WATERBURY, CONN. 06720	756-8321

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	
COAL <input type="checkbox"/>	Bituminous		%	%	1975	50 GPH	7,100,000	NOV	MAR.	TAD JONES	NEW HAVEN	
		Anthracite	%	%								
	OIL <input checked="" type="checkbox"/>	Kerosene	2	%	%	50,354	95 GPH	3,550,000				
			4	%	%	42,840						
			5	%	%							
			6	%	%							
NAT. GAS <input checked="" type="checkbox"/>					4,103,350	6400 CFH	6,528,000	APR	OCT.	C. L. & P.	WATERBURY	

10. BURNER EQUIPMENT

ARE OIL HEATERS USED?  YES  NO

OIL TEMPERATURE BEFORE INJECTION: AMBIENT °F

BURNER MANUFACTURER: [ ]

PREFERRED UTILITIES: [ ]

BURNER MODEL No. BHE4V3A3

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

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 <sub>2</sub>	1.64	EMISSION FACTOR = 78 LB/1000 GAL. BASED ON 0.5% S		350-400	2
	PARTICULATES	0.48	EMISSION FACTOR = 23 LB/1000 GAL.		DATE SOURCE STARTED UP: #1-2/56, #3-12/56	
					EXHAUST GAS FLOW RATE (ACFM): 37	MAXIMUM 44 CFM
					OPERATING HOURS: 24 HOURS PER DAY	1000 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

MAKE AND MODEL 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=522000 Y=256800

MAIN FILE

PLEASE DO NOT WRITE IN THIS SPACE

DATE RCVD FROM APPLICANT: 1/1/73 273  
DATE REVIEWED: \_\_\_\_\_ BY: \_\_\_\_\_  
DATE COPY SENT TO LOCAL AGENCY: \_\_\_\_\_ BY: \_\_\_\_\_

REGISTRATION NUMBER: 192-0638,639  
PREMISE NO.: 192-053  
STACK NO.: 01

STATE GRID CO-ORDINATES  
X: 522500  
Y: 255800

REGISTRATION CARD SENT: 2-380 STORED ON COMPUTER  
DATE: \_\_\_\_\_ BY: \_\_\_\_\_

EMERGENCY STANDBY PLANS

PLAN REQUIRED:  YES  NO  
DATE PLAN - MANUAL SENT TO APPLICANT: \_\_\_\_\_ BY: \_\_\_\_\_  
DATE FORM RETURNED: \_\_\_\_\_ BY: \_\_\_\_\_  
DATE PLAN APPROVED: \_\_\_\_\_

OMAR NO: \_\_\_\_\_ X  
AQCR NO: 42  
NEDS COUNTY NO: 0705 1240  
SIC NO: \_\_\_\_\_ De \_\_\_\_\_ ft X 10  
PROCESS CODE NO: \_\_\_\_\_ fps  
SCC I.D.: \_\_\_\_\_ U.C.M. \_\_\_\_\_

Pollution Control Device	Part	NOx	Description
Primary			
Secondary			

NOTIFICATION HELD  
COUNTY WITH NUMBER  
MIND NUMBER .I .0  
(68 8 18) 851000

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DEPARTMENT OF

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