

REGISTRATION CERTIFICATE
EPAC-10 REV. 7-73



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



Stack no. 0192-0053-11

EQUIPMENT CLASSIFICATION			REGISTRATION NO.
<input type="checkbox"/> FUEL BURNING	<input type="checkbox"/> INCINERATOR	<input checked="" type="checkbox"/> PROCESS MFG.	0192-0917
FIRM NAME			DATE ISSUED
Olin Corporation, Somers Thin Strip, Brass Group			2/3/84
LOCATION OF EQUIPMENT (No. & Street, Town, Zip)			
215 Piedmont Street, Waterbury, CT 06706			
COMMISSIONER OR HIS REPRESENTATIVE			

#21 Furnace - Stainless Steel Strip Production Line
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Registration

PROCESS (MANUFACTURING) EQUIPMENT PERMIT APPLICATION

STATE OF CONNECTICUT

EPAC-23 NEW 6-74

TO: Department of Environmental Protection, Air Quality Section, Rm. 138, State Office Bldg., Hartford, Conn. 06115. Tel. 566-8230

1 APPLICATION NO 8A	2 STACK NO 55
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3. TYPE OF PERMIT	Check all that apply:	<input type="checkbox"/> PERMIT TO CONSTRUCT	<input checked="" type="checkbox"/> PERMIT TO OPERATE	<input type="checkbox"/> REPLACEMENT	<input checked="" type="checkbox"/> ADDITION	<input type="checkbox"/> CHANGE OF ADDRESS	<input type="checkbox"/> CHANGE OF OWNERSHIP	<input checked="" type="checkbox"/> ALTERATION
4. FIRM	LEGAL NAME			BUSINESS ADDRESS (No. & Street, City or Town)			ZIP CODE	PHONE
5. DIVISION	SOMERS THIN STRIP, BRASS GROUP			120 LONG RIDGE RD., STAMFORD, CONN.			06904	356 2000
6. APPLICANT	C. L. EMERICK, CHIEF ENGINEER			215 PIEDMONT ST., WATERBURY, CONN.			06706	756-8321
7. INSTALL.				215 PIEDMONT ST., WATERBURY, CONN.			06706	756-8321

8. EQUIPMENT INFORMATION	TYPE OF EQUIPMENT (e.g., storage tank) AND PROCESS				AIR POLLUTION CONTROL EQUIPMENT USED (if "YES" file form EPAC-23 also)	
	#21 FURNACE - STAINLESS STEEL STRIP ANNEALING LINE				<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
	ESTIMATE THE FOLLOWING DATES:	START-UP OF CONSTRUCTION	COMPLETION OF CONSTRUCTION	START UP OF SYSTEM	AUGUST, 1979 <i>Oct. 1969 AGC, 11/2/83</i>	
EXHAUST GAS FLOW RATE (ACFM):		MAXIMUM	NORMAL	Breaching Gas Temp. (°F):		IF APPLICABLE, PREVIOUS PERMIT OR REGISTRATION NO FOR THIS SOURCE
		1600 CFM	480 CFM	1800° - PERMIT TO CONSTRUCT		#192-0024

9. PROCESS WEIGHTS (Input, Raw Materials, Products, etc.)	MATERIALS	USE (Solvent, Catalyst)	ENTERING (Tons/Yr.)	LEAVING (Tons/Yr.)	10. POLLUTANTS EMITTED	MATERIAL	RATE OF EMISSIONS (Tons/Yr.)	METHOD USED TO DETERMINE EMISSIONS
	STAINLESS STEEL STRIP	N.A.	10,000	10,000		PROD. OF COMB.	N.A.	N.A. - NATURAL GAS OR PROPANE/AIR

11. TYPES OF FUELS USED	FUEL	GRADE	SULFUR CONTENT	ASH CONTENT	ANNUAL USAGE (Tons, gals. or cu. ft.)	MAXIMUM FIRING RATE (lbs, gals, cu. ft./hr.)	(BTU/hr.)	13. ADDITIONAL PROCESS AND EQUIPMENT INFORMATION	OPERATING HOURS	BATCH PROCESS	Hours/Batch	N.A.
	KEROSENE		%	%						Batches/Day	N.A.	
	FUEL OIL		%	%						Days/Yr.	N.A.	
1ST STAND-BY	NAT. GAS				15.3 MM	9615 CFH	10 MMBTU	CHEMICAL REACTOR	CONTINUOUS PROCESS	Hours/Day UP TO 24	5300	
	OTHER	PROPANE/AIR			0	109 GPH	10 MM		TYPE (e.g. Batch, Tubular)	N.A.		
12. STORAGE AND PROCESS TANK INFORMATION	CAPACITY (Gallons)	TYPE OF COVER		CLOSED WITH VAPOR RECOVERY SYSTEM		CLOSED WITH VENT TO ATMOSPHERE		PROCESS TEMP (°F)	PROCESS PRESSURE	VOLUME (Gal., Cu. Ft.)	N.A.	
	MATERIAL BEING STORED	FLOATING ROOF		OTHER (Specify)		N.A.				FLOW RATE (Gal., Cu. Ft./minute)	N.A.	
	THROUGHPUT (Gal., Day or Gal., Yr.)	STORAGE TEMP	ADDITIVES (Type and concentration)		N.A.		N.A.			N.A.		

14. STACK INFORMATION	No. of sampling ports provided:	Nearest distance from sampling port to stack outlet, bend or obstruction:	DOWNSTREAM (ft.)	UPSTREAM (ft.)	LIST OTHER SOURCES VENTED TO STACK		
			6'	4'	NONE		
	STACK EXIT DIRECTION	STACK EXIT DIMENSIONS	STACK HEIGHT (Feet)	IS STACK EQUIPPED WITH RAIN HAT?	STACK EXIT TEMP	Are you submitting documentation of stack emissions?	
	<input type="checkbox"/> HORIZ. <input checked="" type="checkbox"/> VERT.	I.D. --- in. OR 16 in. X 22 in.	30	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	400 °F	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
	SMOKE INDICATOR IN STACK	MAKE AND MODEL NO OF INDICATOR	STACK LINING				
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	N.A.	<input checked="" type="checkbox"/> METAL <input type="checkbox"/> REFRACTORY <input type="checkbox"/> OTHER (Specify)				

15. STACK LOCATION	Name of nearest intersecting street:	Distance to stack from intersection:	DIRECTION (Circle one) TO STACK: N, NE, E, SE, S, SW, W, NW
	PIEDMONT ST./BALDWIN AVE.	850 FT.	

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
		<i>Charles L. Emerick</i>	CHIEF ENGINEER	5/13/82
		NAME (Printed)		
		C. L. EMERICK		

PREPARED BY: *Albert A. Baker*
A. A. BAKER PLT. ELEC. ENGINEER 5/13/82

Prum 192-053

Reg 917

STK 11