

OP LOCATION FACILITY EMISSION POINT
2 12 6 1 4 6 6 0 8 9 4 6 6 0 4 7

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

COPIES
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CARDBOARD - REGIONAL OFFICE



PROCESS, EXHAUST OR VENTILATION SYSTEM

APPLICATION FOR ENVIRONMENTAL ANALYSIS RATING AND PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

PLEASE PRINT OR TYPE XX

1. NAME OF OWNER/FIRM Taylor Instrument Process Control Div.	9. NAME OF AUTHORIZED AGENT	10. TELEPHONE	19. FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM)
2. NUMBER AND STREET ADDRESS 95 Ames Street	11. NUMBER AND STREET ADDRESS	20. FACILITY LOCATION (NUMBER AND STREET ADDRESS)	
3. CITY - TOWN - VILLAGE Rochester	4. STATE New York	5. ZIP 14601	21. CITY - TOWN - VILLAGE
6. OWNER CLASSIFICATION A. ☐ COMMERCIAL C. ☐ UTILITY F. ☐ MUNICIPAL I. ☐ OTHER B. ☒ INDUSTRIAL D. ☐ FEDERAL G. ☐ EDUC. INST.			22. COUNTY
7. NAME & TITLE OF OWNERS REPRESENTATIVE Fred J. Belluscio Plant Engineer			23. BLDG. NAME OR NUMBER Bldg. 5
8. TELEPHONE 235-5000 ext. 3573			24. FLOOR NAME OR NUMBER Floor 1 Dept. 060
15. NAME OF P.E. OR ARCHITECT PREPARING PLANS			25. DATE APPLICATION COMPLETED 11 / 30 / 73
16. NYS P.E. OR ARCHT. LIC. NO.			26. EXPECTED DATE OF OPERATION 11 / 30 / 73
17. TELEPHONE			27. PERMIT TO CONSTRUCT A. ☐ NEW SOURCE B. ☐ MODIFICATION
18. SIGNATURE OF REPRESENTATIVE OR AUTHORIZED AGENT <i>Fred J. Belluscio</i>			28. CERTIFICATE TO OPERATE A. ☐ NEW SOURCE C. ☒ EXISTING SOURCE B. ☐ MODIFICATION

FOR AGENCY USE ONLY

29. LOCATION CODE 2614000894	30. FACILITY ID. NO. 284878083821	31. U.T.M.(E)	32. U.T.M.(N)	33. SIC NUMBER	34. DATE APPLICATION RECEIVED 12/4/73	35. DATE APPLICATION REVIEWED 6/21/74	36. REVIEWED BY: <i>[Signature]</i>
PERMIT TO CONSTRUCT				RECOMMENDATION OF C.O. APPROVAL			
37. DATE ISSUED 7/1/74		38. EXPIRATION DATE 7/1/77		43. SIGNATURE OF APPROVAL <i>[Signature]</i>			
40. CONDITIONS: 1. DEVIATION FROM APPROVED APPLICATION SHALL VOID THIS PERMIT 2. THIS IS NOT A CERTIFICATE TO OPERATE 3. TESTS AND/OR ADDITIONAL AIR POLLUTION CONTROL EQUIPMENT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE TO OPERATE 4. STACK TEST REQUIRED YES ☐ NO ☐				44. 1. ☒ INSPECTED BY <i>[Signature]</i> Name <i>[Name]</i> Date <i>[Date]</i> 2. ☐ DOES NOT REQUIRE INSPECTION 3. ☐ INSPECTION DISCLOSED DIFFERENCES AS BUILT VS. PERMIT, CHANGES AS INDICATED ON FORM 4. ☐ I RECOMMEND ISSUANCE OF A PROVISIONAL CERTIFICATE TO OPERATE PENDING THE APPROVAL OF STACK TESTS 5. ☒ I RECOMMEND ISSUANCE OF A CERTIFICATE TO OPERATE THE SOURCE AS BUILT 6. ☐ HAVE EPISODE ACTION PLANS BEEN ACCEPTED FOR THIS SOURCE EXEMPT ☒ YES ☐ NO ☐			

UPON COMPLETION OF CONSTRUCTION, SIGN THE STATEMENT LISTED BELOW AND FORWARD TO THE APPROPRIATE FIELD REPRESENTATIVE

THE PROCESS, EXHAUST OR VENTILATING SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS	SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT <i>Fred J. Belluscio</i>	DATE 6/25/74
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45. EMISSION POINT ID. 00047	46. GROUND ELEV. (FT) 529	47. HT. ABOVE STRUCTURES (FT) 6	48. STACK HT. (FT) 45	49. INSIDE DIAM. (IN.) 12	50. EXIT TEMP. (°F) 220	51. EXIT VELOCITY (FT/SEC) 10	52. EXIT FLOW RATE (SCFM) 484	53. DRAFT TYPE ☒ N ☐ F ☐ T	54. WIND DIRECTION WSW	55. RECEPTOR DISTANCE (FT) 238	56. DRAWING NUMBERS OF PLANS SUBMITTED: 00047
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57. DESCRIBE PROCESS OR UNIT: Paint Oven Drier - Exhaust System.	58. TOTAL NUMBER OF SIMILAR PROCESSES OR UNITS: 1
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CONTROL TYPE	MANUFACTURERS NAME AND MODEL NUMBER	FUEL TYPE	FLOW RATE (SCFM)	TEMP. (°F)	PRESSURE DROP (IN. H ₂ O)	HORSE POWER	CONTAM'T CONTROL'D	EFFICIENCY (%)	HOW DET.	DISP. METH.	INITIAL COST (\$)	OPER. COST (\$)	DATE INSTALLED	USEFUL LIFE
59. 01	60. Michigan Oven	61. 7	62. 484	63. 220	64. 1.0	65. 3	66. 490	67. 95	68. 9	69. 9	70. -	71. -	72. / /	73. -
74. 10	75. After Burner	76. 7	77. 484	78. 220	79. -	80. -	81. 490	82. 90	83. 9	84. 9	85. -	86. -	87. / /	88. -

CALCULATIONS IN DETERMINING INPUT OR PRODUCTION RATE, EMISSION RATE POTENTIAL AND ACTUAL EMISSIONS:

All paint fumes pass through ignition area of direct fired oven.
Most paint thinners evolved in spraying.
Emission estimated on the basis that no odors are detectable at the emission point. Primarily heat is exhausted.

CONTAMINANT														AGENCY USE ONLY		
NAME	%	CODE	INPUT OR PRODUCTION	UNITS	ERP (LBS/HR)	HRS DAY	DAYS YR	PROPOSED RATING	ACTUAL EMISSIONS	UNITS	ACTUAL EMISSIONS (LBS/HR)	ENV. RATING	ALLOWABLE EMISSIONS	UNITS		
89. Aromatic Organic Gas (g)	90. 2.5	91. 490	92. < 0.1	93. 1	94. < 0.1	95. 3	96. 250	97. 0	98. < 0.1	99. 100	100. < 0.1	101. 0	102. 0.1	103. 1		
104.	105.	106.	107.	108.	109.	110.	111.	112.	113.	114.	115.	116.	117.	118.		
119.	120.	121.	122.	123.	124.	125.	126.	127.	128.	129.	130.	131.	132.	133.		
134.	135.	136.	137.	138.	139.	140.	141.	142.	143.	144.	145.	146.	147.	148.		
149.	150.	151.	152.	153.	154.	155.	156.	157.	158.	159.	160.	161.	162.	163.		
164.	165.	166.	167.	168.	169.	170.	171.	172.	173.	174.	175.	176.	177.	178.		

SEC.	SOLID FUEL TYPE	LBS/HR	%S	OIL TYPE	GPH	%S	GAS TYPE	CFH	BTU/CF	CONTROL EQUIPMENT TYPE	NUMBER	CONTROL EQUIPMENT TYPE	NUMBER	CONTROL EQUIPMENT TYPE	NUMBER	PROCESS CODE	APPLICABLE RULE
179.	180.	181.	182.	183.	184.	185.	186.	187.	188.	189.	190.	191.	192.	193.	194.	195.	212

NOTES 1. Plans must be submitted in triplicate with this application.

OP LOCATION FACILITY EMISSION POINT

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-R-0113

RUN DATE: 04/18/88

C 261400 0894 00047 W I

LOCATION FAC EP

CERTIFICATE TO OPERATE AN AIR CONTAMINATION SOURCE
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
RENEWAL APPLICATION

OWNER (1) TAYLOR INSTRUMENT PRO CONT DIV (2) 95 AMES ST (3) ROCHESTER (4) NY (5) 14601	FACILITY (6) TAYLOR INST PROCESS CONTROL (7) 95 AMES ST (8) ROCHESTER (9) 14601 (10) REP: ROBERT HALTON	(11) CONFIDENTIAL STATUS NON-CONFIDENTIAL (12) APPLICATION STATUS IN COMPLIANCE DATE OF LAST CHANGE 04/07/88 PRIOR CO ISSUE DATE 06/30/83 PRIOR CO EXPIRATION DATE 06/30/88
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FACILITY EMIS-CLASS / PGM-CODE: A2

POINT EMIS-CLASS / PGM-CODE:

EMISSION POINT 00047	(41)UTM-E: 284.8 KM.	(42)STACK HEIGHT: 45 FT.	(43)EXIT VELOCITY: 10.00 FT/SEC	(44)SIC: 3821	(45)AGENCY-CODE-1:
	(46)UTM-N: 780.8 KM.	(47)HT ABV STRUC: 6 FT.	(48)EXIT FLOW: 484.00 ACFM	(49)CO FEE: \$50.00	(50)AGENCY-CODE-2:
	(51)GRND ELEV: 529 FT.	(52)STK DIAM: 12 IN.	(53)EXIT TEMP: 300 DEGR F	(54)CO CONDITIONS: 1	
UNIT I	(55)HOURS/DAY: 6.0	(56)DAYS/YEAR: 250	(57)% OP BY SEASON: 25 25 25 25	(58)SOURCE CODE: A1402	BAKING AND DRYING (O
	(59)BLDG: BLDG. 5	(60)FLOOR NAME: FLOOR 1	DEPT. 060	(61)RULE 1: 212.00	(62)RULE 2:
PROCESS/UNIT DESCRIPTION	(72)DESCRIPTION 1. PAINT OVEN DRIER - EXHAUST SYSTEM.				
CONTROL EQUIPMENT	(73)TYPE: 001 FAN	(74)MFG: MICHIGAN OVEN	(75)ID: 1	(76)DATE INSTALLED: 09/62	(78)USEFUL LIFE: 30 YEARS
		(77)DISPOSAL METHOD: 09 OTHER			
CONTROL EQUIPMENT	(79)TYPE: 010 THERMAL AFTERBURNER	(80)MFG: AFTER BURNER	(81)ID: 2	(82)DATE INSTALLED: 09/62	(84)USEFUL LIFE: 30 YEARS
		(83)DISPOSAL METHOD: 09 OTHER			

AIR CONTAMINANTS	CAS NUMBER	ENV RATING	E M I S S I O N S				% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)		
			ACTUAL	UNIT	HOW DET	PERMISSIBLE			ACTUAL	10*	PERMISSIBLE
ORGANIC SOLVENTS	(085) NY930-00-0	(086) D	(087) .100	(088) 01	(089) 09	(090) .100	(091)	(092) .100	(093) 150.000	(094) 0	(095) 75.00

(15)PRIOR COMMENTS (16)BY KENNEDY (17)DATE 07/01/83 1. NOT OPERATING AT TIME OF INSPECTION 2. PROCESS & CONTROL EQ. SAT. 3. 4. NO VISUAL EMISSIONS 5.	(18)CURRENT COMMENTS (19)BY _____ (20)DATE ____/____/____ 1. _____ 2. _____ 3. _____ 4. _____ 5. _____	(27)LAST INSPECTION DATE 03/04/88 (21)INSPECTION STATUS 5 (22)DATE OF NEXT ACTION ____/____/____ (23)ISSUE DATE 06/30/88 (24)EXPIRATION DATE 06/30/93 (25)CO FEE 50
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FIRM REP'S SIGNATURE:

Robert Halton

DATE:

6/28/88

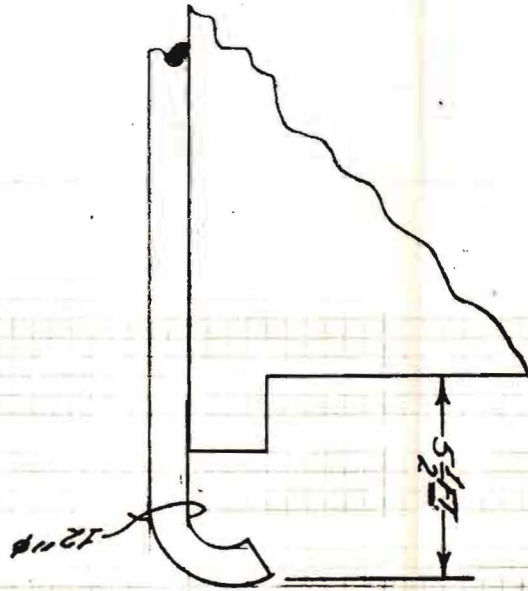
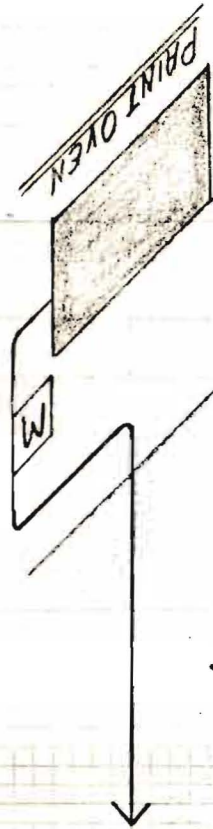
ISSUING OFFICER'S SIGNATURE:

DATE:

MOTOR - WESTINGHOUSE 3HP
#8437

BLOWER - MICHIGAN 52-900
#8436

PRINT OVEN FUMES ARE
PASSED THRU IGNITION AREA.
(INTERMITTENT USE).
ENV. RATING - D.



DEPT. 060 Bldg. #5

E.P. NO.			
0	0	0	47
DWN. 8.16.73 J. PIECH			
REV.			

WHITE - ORIGINAL
 GREEN - DIVISION OF AIR
 WHITE - REGIONAL OFFICE
 WHITE - FIELD REP
 YELLOW - APPLICANT

OP LOCATION FACILITY EMISSION POINT
 A Z 6 1 4 0 0 0 8 9 4 0 0 0 4 8 I

NEW YORK STATE
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION

PROCESS, EXHAUST OR VENTILATION SYSTEM

APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

1. NAME OF OWNER/FIRM Taylor Instrument Company			9. NAME OF AUTHORIZED AGENT Energy Planning, Inc. Fred J. Belluscio, P.E.			10. TELEPHONE 385-4280			19. FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM) Same		
2. NUMBER AND STREET ADDRESS 95 Ames Street			11. NUMBER AND STREET ADDRESS 100 Bluff Drive P.O. Box 387			20. FACILITY LOCATION (NUMBER AND STREET ADDRESS)			21. CITY-TOWN-VILLAGE Rochester		
3. CITY-TOWN-VILLAGE Rochester			4. STATE New York			5. ZIP 14611			22. ZIP		
6. OWNER CLASSIFICATION A. ☐ COMMERCIAL C. ☐ UTILITY F. ☐ MUNICIPAL I. ☐ RESIDENTIAL B. ☒ INDUSTRIAL D. ☐ FEDERAL G. ☐ EDUC. INST. J. ☐ OTHER			15. NAME OF P.E. OR ARCHITECT PREPARING APPLICATION Fred J. Belluscio			16. N.Y.S. P.E. OR ARCHITECT LICENSE NO. 028156			17. TELEPHONE 385-4280		
7. NAME & TITLE OF OWNERS REPRESENTATIVE Frank Cervelloni Manager of Facilities			8. TELEPHONE 235-5000 ext. 3573			18. SIGNATURE OF OWNERS REPRESENTATIVE OR AGENT WHEN APPLYING FOR A PERMIT TO CONSTRUCT <i>Fred J. Belluscio</i>			25. START UP DATE 08 / 82		
									26. DRAWING NUMBERS OF PLANS SUBMITTED 00048		
									27. PERMIT TO CONSTRUCT A. ☐ NEW SOURCE B. ☒ MODIFICATION		
									28. CERTIFICATE TO OPERATE A. ☐ NEW SOURCE C. ☐ EXISTING SOURCE B. ☒ MODIFICATION		

29. EMISSION POINT ID. 00048	30. GROUND ELEVATION (FT.) 529	31. HEIGHT ABOVE STRUCTURES (FT.) 9	32. STACK HEIGHT (FT.) 44	33. INSIDE DIMENSIONS (IN.) 54	34. EXIT TEMP (°F) 70	35. EXIT VELOCITY (FT/SEC) 17.7	36. EXIT FLOW RATE (ACFM) 16,855	37. SOURCE CODE	38. HRS/DAY 8	39. DAYS/YR 250	40. % OPERATION BY SEASON Winter Spring Summer Fall 2 5 2 5 2 5 2 5
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41. DESCRIBE PROCESS OR UNIT	1. Vacuum Impregnation System	2. Epoxy Downdraft Bench (3)
	3. Screen Cleaning Hood	4. Vented Light Table
	5. Paint Spray Booth	6. Oven for baked on finishes (This is an electric oven)
	7. General Room Exhaust	8.

EMISSION CONTROL EQUIPMENT I.D.	CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER	DISPOSAL METHOD	DATE INSTALLED MONTH / YEAR	USEFUL LIFE
42. 01	43. 01	44. Buffalo Forge #70	45. N/A	46. 08/82	47. 20
48. 02	49. 06	50. Unknown	51.	52. 08/82	53. 20

CALCULATIONS

01) ~~Vacuum Impregnation System~~ The product used is Delphi's Hi-Therm BG346-A. It contains 26% Xylene & 26% VMP Naphtha. Approx. 125 gallons of this material is used per year. This accounts for about 33 gal. of both Xylene & VMP Naphtha.

Xylene - 33 gal/yr x 7.17 lb/gal = 237 lb/yr ÷ 2000 hr/yr = 0.119 lb/hr.

VMP Naphtha - 33 gal/yr x 6.29 lb/gal = 207 lb/yr ÷ 2000 hr/yr = 0.104 lb/hr.

In addition, about 75 gal/yr VMP Naphtha is used to thin the material resulting in an additional possible load of 472 lb/yr, bringing the total to 679 lb/yr ÷ 2000 hr/yr = 0.340 lb/hr.

CONTAMINANT		INPUT OR PRODUCTION	UNIT	ENV. RATING	EMISSIONS				% CONTROL EFFICACY	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)			
NAME	CAS NUMBER				ACTUAL	UNIT	HOW DET	PERMISSIBLE		ERP	ACTUAL	ACTUAL	10*	PERMISSIBLE	
54. V.M.P. Naphtha	55. 08030-30-6	56.	57.	58. D	59. 0.340	60. 1	61. 6	62. .340	63. 0	64. 0.340	65. 0.340	66. 6.79	67. 2	68. 6.79	
69. Xylene	70. 01330-20-7	71.	72.	73. D	74. 0.119	75. 1	76. 6	77. .119	78. 0	79. 0.119	80. 0.119	81. 2.37	82. 2	83. 2.37	
84. Polyamide Resin (Aliphatic)	85. 01791-31-9	86.	87.	88. D	89. Tr	90. 94	91. 9	92.	93. 0	94. Tr .001	95. Tr .001	96. 2.0	97. 0	98. 2.0	
99. Aromatic Amine	100. NY430-00-0	101.	102.	103. D	104. Tr	105. 94	106. 9	107.	108. 0	109. Tr .001	110. Tr	111. 2.0	112. -	113. 2.0	
114. Aromatic Resinous Amine	115. NY430-04-0	116.	117.	118. D	119. Tr	120. 94	121. 9	122.	123. 0	124. Tr .001	125. Tr	126. 2.0	127. -	128. 2.0	
129. NADIC Methyl Anhydride	130. NY990-00-0	131.	132.	133. D	134. Tr	135. 94	136. 9	137.	138. 0	139. Tr .001	140. Tr	141. 2.0	142. -	143. 2.0	

SOLID FUEL TONS/YR		OIL THOUSANDS OF GALLONS/YR		GAS THOUSANDS OF CF/YR		BTU/CF		APPLICABLE RULE		APPLICABLE RULE	
144. TYPE	145.	146. %S	147. TYPE	148.	149. %S	150. TYPE	151.	152. BTU/CF	153. 211	154.	

Upon completion of construction sign the statement listed below and forward to the appropriate field representative

THE PROCESS, EXHAUST OR VENTILATION SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS.

155. SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT
Frank Cervelloni

DATE
10-14-82

156. LOCATION CODE 3614000894	157. FACILITY ID. NO. 794878003021	158. U.T.M. (E)	159. U.T.M. (N)	160. SIC NUMBER	161. DATE APPL. RECEIVED	162. DATE APPL. REVIEWED 01/21/83	163. REVIEWED BY <i>[Signature]</i>
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PERMIT TO CONSTRUCT			
164. DATE ISSUED 01/01/83	165. EXPIRATION DATE 01/01/84	166. SIGNATURE OF APPROVAL <i>[Signature]</i>	167. FEE 50

RECOMMENDED ACTION RE: C.O.			
169. DATE ISSUED 01/01/83	170. EXPIRATION DATE 01/01/84	171. SIGNATURE OF APPROVAL <i>[Signature]</i>	172. FEE 50

173.

1. ☐ INSPECTED BY: _____ DATE: _____

2. ☐ INSPECTION DISCLOSED DIFFERENCES AS BUILT VS. PERMIT, CHANGES INDICATED ON FORM

3. ☐ ISSUE CERTIFICATE TO OPERATE FOR SOURCE AS BUILT

4. ☐ APPLICATION FOR C.O. DENIED: _____ DATE: _____ INITIALED: _____

174. SPECIAL CONDITIONS:	
1. Done	2.
3.	4.
5.	6.
7.	8.

Continuation

Sheet 2 of 3

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WHITE - FIELD REP
YELLOW - APPLICANT

OP LOCATION FACILITY EMISSION POINT
A 261400 0894 00048X J NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

A ADD
C CHANGE
D DELETE
READ INSTRUCTIONS
CONTAINED IN
FORM 76-11-12
BEFORE ANSWERING
ANY QUESTION

PROCESS, EXHAUST OR VENTILATION SYSTEM
APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

1. NAME OF OWNER/FIRM Taylor Instrument Company	9. NAME OF AUTHORIZED AGENT Energy Planning, Inc. Fred J. Belluscio, P.E.	10. TELEPHONE 385-4280	19. FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM) Same
2. NUMBER AND STREET ADDRESS 95 Ames Street	11. NUMBER AND STREET ADDRESS 100 Bluff Drive P.O. Box 387	20. FACILITY LOCATION (NUMBER AND STREET ADDRESS)	
3. CITY-TOWN-VILLAGE Rochester	4. STATE New York	5. ZIP 14611	21. CITY-TOWN-VILLAGE East Rochester
6. OWNER CLASSIFICATION E ☐ STATE H ☐ HOSPITAL A ☐ COMMERCIAL C ☐ UTILITY F ☐ MUNICIPAL I ☐ RESIDENTIAL B ☒ INDUSTRIAL D ☐ FEDERAL G ☐ EDUC. INST. J ☐ OTHER	15. NAME OF P.E. OR ARCHITECT PREPARING APPLICATION Fred J. Belluscio	16. N.Y.S. P.E. OR ARCHITECT LICENSE NO. 028156	17. TELEPHONE 385-4280
7. NAME & TITLE OF OWNERS REPRESENTATIVE Frank Cervelloni Manager of Facilities	8. TELEPHONE 235-5000 ext. 3573	25. START UP DATE MO / YR	
18. SIGNATURE OF OWNERS REPRESENTATIVE OR AGENT WHEN APPLYING FOR A PERMIT TO CONSTRUCT		26. DRAWING NUMBERS OF PLANS SUBMITTED	
27. PERMIT TO CONSTRUCT A ☐ NEW SOURCE B ☐ MODIFICATION		28. CERTIFICATE TO OPERATE A ☐ NEW SOURCE C ☐ EXISTING SOURCE B ☐ MODIFICATION	

29. EMISSION POINT I.D. 00048	30. GROUND ELEVATION (FT)	31. HEIGHT ABOVE STRUCTURES (FT)	32. STACK HEIGHT (FT)	33. INSIDE DIMENSIONS (IN)	34. EXIT TEMP (°F)	35. EXIT VELOCITY (FT/SEC)	36. EXIT FLOW RATE (ACFM)	37. SOURCE CODE	38. HRS/DAY	39. DAYS/YR	40. % OPERATION BY SEASON Winter Spring Summer Fall
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41. DESCRIBE PROCESS OR UNIT	1.	2.
	3.	4.
	5.	6.
	7.	8.

EMISSION CONTROL EQUIPMENT I.D.	CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER	DISPOSAL METHOD	DATE INSTALLED MONTH / YEAR	USEFUL LIFE
42	43	44	45	46	47
48	49	50	51	52	53

CALCULATIONS

CONTAMINANT		INPUT OR PRODUCTION	UNIT	ENV RATING	EMISSIONS			% CONTROL EFFICACY	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)		
NAME	CAS NUMBER				ACTUAL	UNIT	HOW DET	PERMISSIBLE	ERP	ACTUAL	ACTUAL	10 ^x	PERMISSIBLE
54. Epichlorohydrin/bisphenol A resin	NY 990-00-0	56	57	58	59	60	61	62	63	64	65	66	68
69. Naphtha	64742-88-7	71	72	73	74	75	76	77	78	79	80	81	83
84. Lacquer Thinner	NY 990-00-0	86	87	88	89	90	91	92	93	94	95	96	98
99. Various Volatile Organics	NY 990-00-0	101	102	103	104	105	106	107	108	109	110	111	113
114. Water Vapor Misc organics	NY 990-00-0	116	117	118	119	120	121	122	123	124	125	126	128
129. Toluene	09108-88-3	131	132	133	134	135	136	137	138	139	140	141	143

SOLID FUEL TONS/YR	%S	OIL THOUSANDS OF GALLONS/YR	%S	GAS THOUSANDS OF CF/YR	BTU/CF	APPLICABLE RULE	APPLICABLE RULE
144	145	146	147	148	149	150	151
152	153	154	155	156	157	158	159

Upon completion of construction sign the statement listed below and forward to the appropriate field representative
THE PROCESS, EXHAUST OR VENTILATION SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED
SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS.

156. LOCATION CODE	157. FACILITY ID. NO.	158. U.T.M. (E)	159. U.T.M. (N)	160. SIC NUMBER	161. DATE APPL. RECEIVED	162. DATE APPL. REVIEWED	163. REVIEWED BY:
--------------------	-----------------------	-----------------	-----------------	-----------------	--------------------------	--------------------------	-------------------

PERMIT TO CONSTRUCT			
164. DATE ISSUED	165. EXPIRATION DATE	166. SIGNATURE OF APPROVAL	167. FEE

RECOMMENDED ACTION RE: C.O.			
169. DATE ISSUED	170. EXPIRATION DATE	171. SIGNATURE OF APPROVAL	172. FEE
173. 1 ☐ INSPECTED BY _____ DATE _____ 2 ☐ INSPECTION DISCLOSED DIFFERENCES AS BUILT VS. PERMIT, CHANGES INDICATED ON FORM 3 ☐ ISSUE CERTIFICATE TO OPERATE FOR SOURCE AS BUILT 4 ☐ APPLICATION FOR C.O. DENIED _____ DATE _____ INITIALED _____			

174. SPECIAL CONDITIONS:	
1.	2.
3.	4.
5.	6.
7.	8.

OP LOCATION FACILITY EMISSION POINT
A261400089400048KNEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

COPIES

WHITE - ORIGINAL
GREEN - DIVISION OF AIR
WHITE - REGIONAL OFFICE
WHITE - FIELD REP
YELLOW - APPLICANTA ADD
C CHANGE
D DELETEREAD INSTRUCTIONS
CONTAINED IN
FORM 76-11-12
BEFORE ANSWERING
ANY QUESTIONPROCESS, EXHAUST OR VENTILATION SYSTEM
APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

1. NAME OF OWNER/FIRM Taylor Instrument	9. NAME OF AUTHORIZED AGENT	10. TELEPHONE	19. FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM)
2. NUMBER AND STREET ADDRESS 95 Ames St	11. NUMBER AND STREET ADDRESS	20. FACILITY LOCATION (NUMBER AND STREET ADDRESS)	
3. CITY - TOWN - VILLAGE Rochester	4. STATE NY	5. ZIP 14611	21. CITY - TOWN - VILLAGE
6. OWNER CLASSIFICATION A. ☐ COMMERCIAL C. ☐ UTILITY F. ☐ MUNICIPAL I. ☐ RESIDENTIAL B. ☒ INDUSTRIAL D. ☐ FEDERAL G. ☐ EDUC. INST. J. ☐ OTHER			22. ZIP
7. NAME & TITLE OF OWNERS REPRESENTATIVE Frank Cervelloni		8. TELEPHONE	23. BUILDING NAME OR NUMBER
15. NAME OF P.E. OR ARCHITECT PREPARING APPLICATION		16. N.Y.S. P.E. OR ARCHITECT LICENSE NO.	24. FLOOR NAME OR NUMBER
18. SIGNATURE OF OWNERS REPRESENTATIVE OR AGENT WHEN APPLYING FOR A PERMIT TO CONSTRUCT		17. TELEPHONE	25. START UP DATE MO / YR
27. PERMIT TO CONSTRUCT A. ☐ NEW SOURCE B. ☐ MODIFICATION		26. DRAWING NUMBERS OF PLANS SUBMITTED	
28. CERTIFICATE TO OPERATE A. ☐ NEW SOURCE C. ☐ EXISTING SOURCE B. ☐ MODIFICATION			

29. EMISSION POINT I.D. 00048	30. GROUND ELEVATION (FT.)	31. HEIGHT ABOVE STRUCTURES (FT.)	32. STACK HEIGHT (FT.)	33. INSIDE DIMENSIONS (IN.)	34. EXIT TEMP (°F)	35. EXIT VELOCITY (FT/SEC)	36. EXIT FLOW RATE (ACFM)	37. SOURCE CODE	38. HRS/DAY	39. DAYS/YR	40. % OPERATION BY SEASON Winter Spring Summer Fall
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41. DESCRIBE PROCESS OR UNIT	1.	2.
	3.	4.
	5.	6.
	7.	8.

EMISSION CONTROL EQUIPMENT I.D.	CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER	DISPOSAL METHOD	DATE INSTALLED MONTH / YEAR	USEFUL LIFE
42.	43.	44.	45.	46. /	47.
48.	49.	50.	51.	52. /	53.

CALCULATIONS

CONTAMINANT		INPUT OR PRODUCTION	UNIT	ENV. RATING	EMISSIONS				% CONTROL EFFICACY	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)		
NAME	CAS NUMBER				ACTUAL	UNIT	HOW DET	PERMISSIBLE		ERP	ACTUAL	ACTUAL	10*	PERMISSIBLE
54. Isopropyl Alcohol	55. 00067-63-0	56.	57.	58. D	59. .05	60. 1	61. 6	62. .05	63. 0	64. .05	65. .05	66. 9.37	67. 1	68. 9.37
69. Methyl Ethyl Ketone	70. 00078-93-3	71.	72.	73. D	74. .04	75. 1	76. 6	77. .04	78. 0	79. .04	80. .04	81. 7.5	82. 1	83. 7.5
84. Diacetone Alcohol	85. 68551-07-5	86.	87.	88. D	89. .01	90. 1	91. 6	92. .01	93. 0	94. .01	95. .01	96. 1.87	97. 1	98. 1.87
99. Petroleum Naphtha	100. 64742-88-7	101.	102.	103. D	104. .19	105. 1	106. 6	107. .19	108. 0	109. .19	110. .19	111. 3.75	112. 2	113. 3.75
114.	115.	116.	117.	118.	119.	120.	121.	122.	123.	124.	125.	126.	127.	128.
129.	130.	131.	132.	133.	134.	135.	136.	137.	138.	139.	140.	141.	142.	143.

SOLID FUEL TONS/YR		%S	OIL THOUSANDS OF GALLONS/YR		%S	GAS THOUSANDS OF CF/YR		BTU/CF	APPLICABLE RULE		APPLICABLE RULE	
144.	145.	146.	147.	148.	149.	150.	151.	152.	153.	154.		

Upon completion of construction sign the statement listed below and forward to the appropriate field representative								155. SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT		DATE	
THE PROCESS, EXHAUST OR VENTILATION SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS.											

156. LOCATION CODE	157. FACILITY ID. NO.	158. U.T.M. (E)	159. U.T.M. (N)	160. SIC NUMBER	161. DATE APPL. RECEIVED	162. DATE APPL. REVIEWED	163. REVIEWED BY:
168. PERMIT TO CONSTRUCT							
164. DATE ISSUED		165. EXPIRATION DATE		166. SIGNATURE OF APPROVAL		167. FEE	
/ /		/ /					
173. RECOMMENDED ACTION RE: C.O.							
169. DATE ISSUED		170. EXPIRATION DATE		171. SIGNATURE OF APPROVAL		172. FEE	
/ /		/ /					
174. SPECIAL CONDITIONS:							
1.				2.			
3.				4.			
5.				6.			
7.				8.			

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-R-0121
RUN DATE: 04/18/88

: 261400 0894 00048 W I
LOCATION FAC EP

CERTIFICATE TO OPERATE AN AIR CONTAMINATION SOURCE
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
RENEWAL APPLICATION

O W N E R			F A C I L I T Y			(11) CONFIDENTIAL STATUS	NON-CONFIDNT
(1) TAYLOR INSTRUMENT PRO CONT DIV			(6) TAYLOR INST PROCESS CONTROL			(12) APPLICATION STATUS	IN COMPLIANC
(2) 95 AMES ST			(7) 95 AMES ST			DATE OF LAST CHANGE	04/07/88
(3) ROCHESTER	(4) NY		(8) ROCHESTER	(9) 14601		PRIOR CO ISSUE DATE	03/01/84
(5) 14601			(10) REP: ROBERT HALTON			PRIOR CO EXPIRATION DATE	06/30/88

P A G E 8
CONTINUED FROM PREVIOUS P A G E

AIR CONTAMINANTS	CAS NUMBER	ENV RATING	E M I S S I O N S						% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)		
CONTINUATION FORM K			ACTUAL	UNIT	HOW DET	PERMISSIBLE				ACTUAL	10 ^x	PERMISSIBLE	
ISOPROPYL ALCOHOL	(085) 00067-63-0	(086) D	(087) .050	(088) 01	(089) 06	(090) .050	(091)	(092) .050	(093) 9.370	(094) 1	(095) 9.370		
METHYL ETHYL KETONE	(096) 00078-93-3	(097) D	(098) .040	(099) 01	(100) 06	(101) .040	(102)	(103) .040	(104) 7.500	(105) 1	(106) 7.500		
FATTY (8-C18 ALCOHOL	(107) 68551-07-5	(108) D	(109) .010	(110) 01	(111) 06	(112) .010	(113)	(114) .010	(115) 1.870	(116) 1	(117) 1.870		
SOLVENT NAPHTHA MED	(118) 64742-88-7	(119) D	(120) .190	(121) 01	(122) 06	(123) .190	(124)	(125) .190	(126) 3.750	(127) 2	(128) 3.750		

(15)PRIOR COMMENTS (16)BY KENNEDY	(17)DATE 02/23/84	(18)CURRENT COMMENTS (19)BY	(20)DATE / /	(27)LAST INSPECTION DATE 03/04/88
1. SATISFACTORY		1. _____		(21)INSPECTION STATUS 5
2. NO VISIBLE EMISSIONS		2. _____		(22)DATE OF NEXT ACTION / /
3. _____		3. _____		(23)ISSUE DATE 06/30/88
4. _____		4. _____		(24)EXPIRATION DATE 06/30/93
5. _____		5. _____		(25)CO FEE 50

FIRM REP'S SIGNATURE

DATE:

ISSUING OFFICER'S SIGNATURE:

DATE:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-R-0120
RUN DATE: 04/18/88

261400 0894 00048 W I
LOCATION FAC EP

CERTIFICATE TO OPERATE AN AIR CONTAMINATION SOURCE
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
RENEWAL APPLICATION

O W N E R			F A C I L I T Y			(11) CONFIDENTIAL STATUS	NON-CONFIDNT
(1) TAYLOR INSTRUMENT PRO CONT DIV			(6) TAYLOR INST PROCESS CONTROL			(12) APPLICATION STATUS	IN COMPLIANC
(2) 95 AMES ST			(7) 95 AMES ST			DATE OF LAST CHANGE	04/07/88
(3) ROCHESTER	(4) NY		(8) ROCHESTER	(9) 14601		PRIOR CO ISSUE DATE	03/01/84
(5) 14601			(10) REP: ROBERT HALTON			PRIOR CO EXPIRATION DATE	06/30/88

P A G E 7
C O N T I N U E D F R O M P R E V I O U S P A G E

FACILITY EMIS-CLASS / PGM-CODE: A2

POINT EMIS-CLASS / PGM-CODE:

EMISSION POINT 00048	(41)UTM-E: 284.8 KM.	(42)STACK HEIGHT: 44 FT.	(43)EXIT VELOCITY: 17.70 FT/SEC	(44)SIC: 3821	(45)AGENCY-CODE-1:
	(46)UTM-N: 780.8 KM.	(47)HT ABV STRUC: 9 FT.	(48)EXIT FLOW: 16855.00 ACFM	(49)CO FEE: \$40.00	(50)AGENCY-CODE-2:
	(51)GRND ELEV: 529 FT.	(52)STK DIAM: 54 IN.	(53)EXIT TEMP: 70 DEGR F	(54)CO CONDITIONS: 1 3	
UNIT I	(55)HOURS/DAY: 8.0	(56)DAYS/YEAR: 250	(57)% OP BY SEASON: 25 25 25 25	(58)SOURCE CODE:	
	(59)BLDG: BLDG 5	(60)FLOOR NAME: FLOOR 1 DEPT 060	(61)RULE 1: 212.00	(62)RULE 2:	
CONTROL EQUIPMENT	(73)TYPE: 001 FAN	(74)MFG: BUFFALO FORGE #70	(75)ID: 01	(76)DATE INSTALLED: 08/82	
		(77)DISPOSAL METHOD:	(78)USEFUL LIFE: 20 YEARS		
CONTROL EQUIPMENT	(79)TYPE: 006 CENTRIFUGAL (DRY)	(80)MFG: UNKNOWN	(81)ID: 02	(82)DATE INSTALLED: 08/82	
		(83)DISPOSAL METHOD:	(84)USEFUL LIFE: 20 YEARS		

AIR CONTAMINANTS	CAS NUMBER	ENV RATING	E M I S S I O N S				% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)		
			ACTUAL	UNIT	HOW DET	PERMISSIBLE			ACTUAL	10x	PERMISSIBLE
VII&P NAPHTHA	(085) 08030-30-6	(086) D	(087) .340	(088) 01	(089) 06	(090) .340	(091)	(092) .340	(093) 6.790	(094) 2	(095) 6.790
XYLENE,M,O&P MIXT.	(096) 01330-20-7	(097) D	(098) .119	(099) 01	(100) 06	(101) .119	(102)	(103) .119	(104) 2.370	(105) 2	(106) 2.370
AMINES,COCO ALKYLBI	(107) 61791-31-9	(108) D	(109)	(110) 94	(111) 09	(112)	(113)	(114) .001	(115) 2.000	(116) 0	(117) 2.000
AROMATIC AMINES	(118) NY430-00-0	(119) D	(120)	(121) 94	(122) 09	(123)	(124)	(125) .001	(126) 2.000	(127) 0	(128) 2.000
AROMATIC AMINES	(129) NY430-00-0	(130) D	(131)	(132) 94	(133) 09	(134)	(135)	(136) .001	(137) 2.000	(138) 0	(139) 2.000
MISCELLANEOUS ORG	(140) NY990-00-0	(141) D	(142)	(143) 94	(144) 09	(145)	(146)	(147) .001	(148) 2.000	(149) 0	(150) 2.000
CONTINUATION FORM J											
MISCELLANEOUS ORG	(085) NY990-00-0	(086) D	(087)	(088) 94	(089) 09	(090)	(091)	(092) .001	(093) 2.000	(094) 0	(095) 2.000
SOLVENT NAPHTHA MED	(096) 64742-88-7	(097) D	(098)	(099) 94	(100) 09	(101)	(102)	(103) .001	(104) 2.000	(105) 0	(106) 2.000
MISCELLANEOUS ORG	(107) NY990-00-0	(108) D	(109)	(110) 94	(111) 09	(112)	(113)	(114) .001	(115) 2.000	(116) 0	(117) 2.000
MISCELLANEOUS ORG	(118) NY990-00-0	(119) D	(120)	(121) 94	(122) 09	(123)	(124)	(125) .001	(126) 2.000	(127) 0	(128) 2.000
MISCELLANEOUS ORG	(129) NY990-00-0	(130) D	(131)	(132) 94	(133) 09	(134)	(135)	(136) .001	(137) 1.000	(138) 0	(139) 1.000
TOLUENE	(140) 00108-88-3	(141) D	(142) .090	(143) 01	(144) 06	(145) .090	(146)	(147) .090	(148) 1.870	(149) 2	(150) 1.870

C O N T I N U E D O N N E X T P A G E

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-R-0114
RUN DATE: 04/18/88

261400 0894 00048 W I01

LOCATION FAC EP UNIT

CERTIFICATE TO OPERATE AN AIR CONTAMINATION SOURCE
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
RENEWAL APPLICATION

O W N E R		F A C I L I T Y		(11) CONFIDENTIAL STATUS	NON-CONFIDNT
(1) TAYLOR INSTRUMENT PRO CONT DIV		(6) TAYLOR INST PROCESS CONTROL		(12) APPLICATION STATUS	IN COMPLIANC
(2) 95 AMES ST		(7) 95 AMES ST		DATE OF LAST CHANGE	04/07/88
(3) ROCHESTER	(4) NY	(8) ROCHESTER	(9) 14601	PRIOR CO ISSUE DATE	03/01/84
(5) 14601		(10) REP: ROBERT HALTON		PRIOR CO EXPIRATION DATE	06/30/88

FACILITY EMIS-CLASS / PGM-CODE: A2

POINT EMIS-CLASS / PGM-CODE:

EMISSION	(41)UTM-E: 284.8 KM.	(42)STACK HEIGHT: 44 FT.	(43)EXIT VELOCITY: 17.70 FT/SEC	(44)SIC: 3821	(45)AGENCY-CODE-1:
POINT	(46)UTM-N: 780.8 KM.	(47)HT ABV STRUC: 9 FT.	(48)EXIT FLOW: 16855.00 ACFM	(49)CO FEE: \$40.00	(50)AGENCY-CODE-2:
00048	(51)GRND ELEV: 529 FT.	(52)STK DIAM: 54 IN.	(53)EXIT TEMP: 70 DEGR F	(54)CO CONDITIONS: 1 3	

UNIT I01	(55)HOURS/DAY: 8.0	(56)DAYS/YEAR: 250	(57)% OP BY SEASON: 25 25 25 25	(58)SOURCE CODE: 2108	IMPREGNATION
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PROCESS/UNIT (72)DESCRIPTION 1. VACUUM IMPREGNATION SYSTEM
DESCRIPTION

CONTROL (73)TYPE: 099 NONE
EQUIPMENT

AIR CONTAMINANTS	CAS NUMBER	E M I S S I O N S					% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)	
		ACTUAL	UNIT	HOW DET					ACTUAL	10 ^x
XYLENE,M,O&P MIXT.	(085) 01330-20-7	(087) .119	(088) 01	(089) 06	(091)		(092) .119	(093) 2.370	(094) 2	
VM&P NAPHTHA	(096) 08030-30-6	(098) .340	(099) 01	(100) 06	(102)		(103) .340	(104) 6.790	(105) 2	

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-R-0115
RUN DATE: 04/18/88

261400 0894 00048 W I02

LOCATION FAC EP UNIT

CERTIFICATE TO OPERATE AN AIR CONTAMINATION SOURCE
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
RENEWAL APPLICATION

O W N E R		F A C I L I T Y		(11) CONFIDENTIAL STATUS	NON-CONFIDENTIAL
(1) TAYLOR INSTRUMENT PRO CONT DIV		(6) TAYLOR INST PROCESS CONTROL		(12) APPLICATION STATUS	IN COMPLIANCE
(2) 95 AMES ST		(7) 95 AMES ST		DATE OF LAST CHANGE	04/07/88
(3) ROCHESTER	(4) NY	(8) ROCHESTER	(9) 14601	PRIOR CO ISSUE DATE	03/01/84
(5) 14601		(10) REP: ROBERT HALTON		PRIOR CO EXPIRATION DATE	06/30/88

P A G E 2
CONTINUED FROM PREVIOUS PAGE

FACILITY EMIS-CLASS / PGM-CODE: A2

POINT EMIS-CLASS / PGM-CODE:

EMISSION	(41)UTM-E: 284.8 KM.	(42)STACK HEIGHT: 44 FT.	(43)EXIT VELOCITY: 17.70 FT/SEC	(44)SIC: 3821	(45)AGENCY-CODE-1:
POINT	(46)UTM-N: 780.8 KM.	(47)HT ABV STRUC: 9 FT.	(48)EXIT FLOW: 16855.00 ACFM	(49)CO FEE: \$40.00	(50)AGENCY-CODE-2:
00048	(51)GRND ELEV: 529 FT.	(52)STK DIAM: 54 IN.	(53)EXIT TEMP: 70 DEGR F	(54)CO CONDITIONS: 1 3	
UNIT I02	(55)HOURS/DAY: 8.0	(56)DAYS/YEAR: 250	(57)% OP BY SEASON: 25 25 25 25	(58)SOURCE CODE: 1308	OTHER SURFACE COATING
PROCESS/UNIT DESCRIPTION	(72)DESCRIPTION 1. DOWNDRAFT BENCHES				
CONTROL EQUIPMENT	(73)TYPE: 099 NONE				

AIR CONTAMINANTS	CAS NUMBER	E M I S S I O N S					% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)		
		ACTUAL	UNIT	HOW DET					ACTUAL		10 ^x
AMINES, COCO ALKYL BIS	(085) 61791-31-9	(087)	94	(089) 09	(091)		(092)	.001	(093) 2.000	(094)	0
AROMATIC AMINES	(096) NY430-00-0	(098)	94	(100) 09	(102)		(103)	.001	(104) 2.000	(105)	0
AROMATIC AMINES	(107) NY430-00-0	(109)	94	(111) 09	(113)		(114)	.001	(115) 2.000	(116)	0
MISCELLANEOUS ORG	(118) NY990-00-0	(120)	94	(122) 09	(124)		(125)	.001	(126) 2.000	(127)	0
MISCELLANEOUS ORG	(129) NY990-00-0	(131)	94	(133) 09	(135)		(136)	.001	(137) 2.000	(138)	0

CONTINUED ON NEXT PAGE

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-R-0116

RUN DATE: 04/18/88

261400 0894 00048 W I03

LOCATION FAC EP UNIT

CERTIFICATE TO OPERATE AN AIR CONTAMINATION SOURCE
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
RENEWAL APPLICATION

O W N E R		F A C I L I T Y		(11) CONFIDENTIAL STATUS	NON-CONFIDENTIAL
(1) TAYLOR INSTRUMENT PRO CONT DIV	(6) TAYLOR INST PROCESS CONTROL	(12) APPLICATION STATUS	IN COMPLIANCE	DATE OF LAST CHANGE	04/07/88
(2) 95 AMES ST	(7) 95 AMES ST	PRIOR CO ISSUE DATE	03/01/84	PRIOR CO EXPIRATION DATE	06/30/88
(3) ROCHESTER (4) NY	(8) ROCHESTER (9) 14601				
(5) 14601	(10) REP: ROBERT HALTON				

P A G E 3
C O N T I N U E D F R O M P R E V I O U S P A G E

FACILITY EMIS-CLASS / PGM-CODE: A2

POINT EMIS-CLASS / PGM-CODE:

EMISSION	(41)UTM-E: 284.8 KM.	(42)STACK HEIGHT: 44 FT.	(43)EXIT VELOCITY: 17.70 FT/SEC	(44)SIC: 3821	(45)AGENCY-CODE-1:
POINT	(46)UTM-N: 780.8 KM.	(47)HT ABV STRUC: 9 FT.	(48)EXIT FLOW: 16855.00 ACFM	(49)CO FEE: \$40.00	(50)AGENCY-CODE-2:
00048	(51)GRND ELEV: 529 FT.	(52)STK DIAM: 54 IN.	(53)EXIT TEMP: 70 DEGR F	(54)CO CONDITIONS: 1 3	
UNIT I03	(55)HOURS/DAY: 8.0	(56)DAYS/YEAR: 250	(57)% OP BY SEASON: 25 25 25 25	(58)SOURCE CODE: 1203	DEGREASING AND CLEAN

PROCESS/UNIT (72)DESCRIPTION 1. SCREEN CLEANING
DESCRIPTION

CONTROL (73)TYPE: 099 NONE
EQUIPMENT

AIR CONTAMINANTS	CAS NUMBER	E M I S S I O N S				% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)		
		ACTUAL	UNIT	HOW DET				ACTUAL		10 ^x
TOLUENE	(085) 00108-88-3	(087) .090	(088) 01	(089) 06	(091)	(092) .090	(093) 1.870	(094)		2
ISOPROPYL ALCOHOL	(096) 00067-63-0	(098) .050	(099) 01	(100) 06	(102)	(103) .050	(104) 9.370	(105)		1
METHYL ETHYL KETONE	(107) 00078-93-3	(109) .040	(110) 01	(111) 06	(113)	(114) .040	(115) 7.500	(116)		1
FATTY (8-C18 ALCOHOL	(118) 68551-07-5	(120) .010	(121) 01	(122) 06	(124)	(125) .010	(126) 1.870	(127)		1
SOLVENT NAPHTHA MED	(129) 64742-88-7	(131) .190	(132) 01	(133) 06	(135)	(136) .190	(137) 3.750	(138)		2

C O N T I N U E D O N N E X T P A G E

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-R-0117
RUN DATE: 04/18/88

261400 0894 00048 W I04

LOCATION FAC EP UNIT

CERTIFICATE TO OPERATE AN AIR CONTAMINATION SOURCE
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
RENEWAL APPLICATION

O W N E R		F A C I L I T Y		(11) CONFIDENTIAL STATUS	NON-CONFIDNT
(1) TAYLOR INSTRUMENT PRO CONT DIV	(6) TAYLOR INST PROCESS CONTROL	(12) APPLICATION STATUS	IN COMPLIANC	DATE OF LAST CHANGE	04/07/88
(2) 95 AMES ST	(7) 95 AMES ST	PRIOR CO ISSUE DATE	03/01/84	PRIOR CO EXPIRATION DATE	06/30/88
(3) ROCHESTER (4) NY	(8) ROCHESTER (9) 14601				
(5) 14601	(10) REP: ROBERT HALTON				

P A G E 4
C O N T I N U E D F R O M P R E V I O U S P A G E

FACILITY EMIS-CLASS / PGM-CODE: A2

POINT EMIS-CLASS / PGM-CODE:

EMISSION	(41)UTM-E: 284.8 KM.	(42)STACK HEIGHT: 44 FT.	(43)EXIT VELOCITY: 17.70 FT/SEC	(44)SIC: 3821	(45)AGENCY-CODE-1:
POINT	(46)UTM-N: 780.8 KM.	(47)HT ABV STRUC: 9 FT.	(48)EXIT FLOW: 16855.00 ACFM	(49)CO FEE: \$40.00	(50)AGENCY-CODE-2:
00048	(51)GRND ELEV: 529 FT.	(52)STK DIAM: 54 IN.	(53)EXIT TEMP: 70 DEGR F	(54)CO CONDITIONS: 1 3	
UNIT I04	(55)HOURS/DAY: 8.0	(56)DAYS/YEAR: 250	(57)% OP BY SEASON: 25 25 25 25	(58)SOURCE CODE: 2108	IMPREGNATION
PROCESS/UNIT DESCRIPTION	(72)DESCRIPTION 1. VENTED LIGHT TABLE				
CONTROL EQUIPMENT	(73)TYPE: 099 NONE				

AIR CONTAMINANTS	CAS NUMBER	E M I S S I O N S				% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)	
		ACTUAL	UNIT	HOW DET				ACTUAL	10*
SOLVENT NAPTHA MED	(085) 64742-88-7	(087) .001	(088) 94	(089) 09	(091)	(092) .001	(093) 2.000	(094) 0	
MISCELLANEOUS ORG	(096) NY990-00-0	(098) .001	(099) 94	(100) 09	(102)	(103) .001	(104) 2.000	(105) 0	

C O N T I N U E D O N N E X T P A G E

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-R-0118
RUN DATE: 04/18/88

261400 0894 00048 W I05

LOCATION FAC EP UNIT

CERTIFICATE TO OPERATE AN AIR CONTAMINATION SOURCE
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
RENEWAL APPLICATION

O W N E R		F A C I L I T Y		(11) CONFIDENTIAL STATUS	NON-CONFIDNT
(1) TAYLOR INSTRUMENT PRO CONT DIV		(6) TAYLOR INST PROCESS CONTROL		(12) APPLICATION STATUS	IN COMPLIANC
(2) 95 AMES ST		(7) 95 AMES ST		DATE OF LAST CHANGE	04/07/88
(3) ROCHESTER	(4) NY	(8) ROCHESTER	(9) 14601	PRIOR CO ISSUE DATE	03/01/84
(5) 14601		(10) REP: ROBERT HALTON		PRIOR CO EXPIRATION DATE	06/30/88

PAGE 5
CONTINUED FROM PREVIOUS PAGE

FACILITY EMIS-CLASS / PGM-CODE: A2

POINT EMIS-CLASS / PGM-CODE:

EMISSION	(41)UTM-E: 284.8 KM.	(42)STACK HEIGHT: 44 FT.	(43)EXIT VELOCITY: 17.70 FT/SEC	(44)SIC: 3821	(45)AGENCY-CODE-1:
POINT	(46)UTM-N: 780.8 KM.	(47)HT ABV STRUC: 9 FT.	(48)EXIT FLOW: 16855.00 ACFM	(49)CO FEE: \$40.00	(50)AGENCY-CODE-2:
00048	(51)GRND ELEV: 529 FT.	(52)STK DIAM: 54 IN.	(53)EXIT TEMP: 70 DEGR F	(54)CO CONDITIONS: 1 3	
UNIT I05	(55)HOURS/DAY: 8.0	(56)DAYS/YEAR: 250	(57)% OP BY SEASON: 25 25 25 25	(58)SOURCE CODE: 1306	PAINT SPRAYING (OTHE
PROCESS/UNIT DESCRIPTION	(72)DESCRIPTION 1. PAINT SPRAY BOOTH				
CONTROL EQUIPMENT	(73)TYPE: 099 NONE				

AIR CONTAMINANTS	CAS NUMBER	E M I S S I O N S			% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)	
		ACTUAL	UNIT	HOW DET			ACTUAL	10x
MISCELLANEOUS ORG	(085) NY990-00-0	(087)	(088) 94	(089) 09	(091)	(092) .001	(093) 2.000	(094) 0

CONTINUED ON NEXT PAGE

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-R-0119
RUN DATE: 04/18/88

261400 0894 00048 W 106

LOCATION FAC EP UNIT

CERTIFICATE TO OPERATE AN AIR CONTAMINATION SOURCE
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
RENEWAL APPLICATION

O W N E R		F A C I L I T Y		(11) CONFIDENTIAL STATUS	NON-CONFIDNT
(1) TAYLOR INSTRUMENT PRO CONT DIV	(6) TAYLOR INST PROCESS CONTROL	(12) APPLICATION STATUS	IN COMPLIANC		
(2) 95 AMES ST	(7) 95 AMES ST	DATE OF LAST CHANGE	04/07/88		
(3) ROCHESTER (4) NY	(8) ROCHESTER (9) 14601	PRIOR CO ISSUE DATE	03/01/84		
(5) 14601	(10) REP: ROBERT HALTON	PRIOR CO EXPIRATION DATE	06/30/88		

P A G E 6
C O N T I N U E D F R O M P R E V I O U S P A G E

FACILITY EMIS-CLASS / PGM-CODE: A2

POINT EMIS-CLASS / PGM-CODE:

EMISSION	(41)UTM-E: 284.8 KM.	(42)STACK HEIGHT: 44 FT.	(43)EXIT VELOCITY: 17.70 FT/SEC	(44)SIC: 3821	(45)AGENCY-CODE-1:
POINT	(46)UTM-N: 780.8 KM.	(47)HT ABV STRUC: 9 FT.	(48)EXIT FLOW: 16855.00 ACFM	(49)CO FEE: \$40.00	(50)AGENCY-CODE-2:
00048	(51)GRND ELEV: 529 FT.	(52)STK DIAM: 54 IN.	(53)EXIT TEMP: 70 DEGR F	(54)CO CONDITIONS: 1 3	
UNIT 106	(55)HOURS/DAY: 4.0	(56)DAYS/YEAR: 250	(57)% OP BY SEASON: 25 25 25 25	(58)SOURCE CODE: 1402	BAKING AND DRYING (0
PROCESS/UNIT DESCRIPTION	(72)DESCRIPTION 1. GRIEVE HENDRY PAINT CURING OVEN (ELECRC OVEN)				
CONTROL EQUIPMENT	(73)TYPE: 099 NONE				

AIR CONTAMINANTS	CAS NUMBER	E M I S S I O N S			% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)	
		ACTUAL	UNIT	HOW DET			ACTUAL	10×
MISCELLANEOUS ORG	(085) NY990-00-0	(087)	94	(089) 09	(091)	(092) .001	(093) 1.000	(094) 0

C O N T I N U E D O N N E X T P A G E

PROCESS, EXHAUST OR VENTILATION SYSTEM
 UNIT OR PROCESS DATA

COPIES

WHITE - ORIGINAL
 GREEN - DIVISION OF AIR
 WHITE - REGIONAL OFFICE
 WHITE - FIELD REP
 YELLOW - APPLICANT

PLEASE PRINT OR TYPE

S E C. H	175	EMISSION POINT I.D.	176	UNIT I.D.
	0004801			

177	SOURCE CODE	178	HRS/DAY	179	DAYS/YR	180 % OPERATION BY SEASON			
	2108		8		250	Winter	Spring	Summer	Fall
						25	25	25	25

S E C. I	181.	DESCRIBE PROCESS OR UNIT	1.	Vacuum Impregnation system	2.	
			3.		4.	
			5.		6.	
			7.		8.	

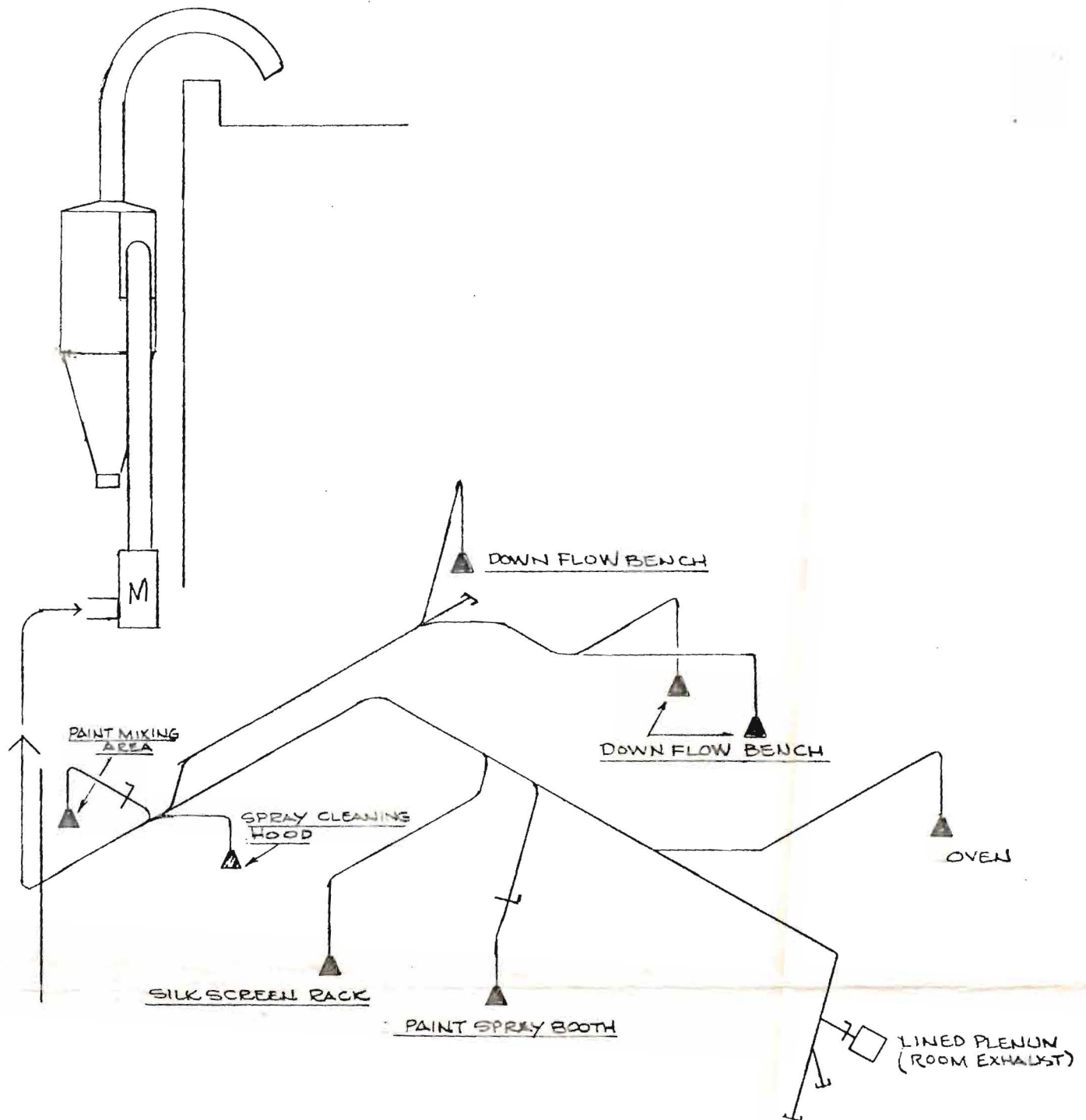
S E C. J	EMISSION CONTROL EQUIPMENT I.D.	CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER	DISPOSAL METHOD	DATE INSTALLED	USEFUL LIFE
	182	99	184	185	186 08/82	187 20
	188	189	190	191	192 /	193

S E C T I O N K	CALCULATIONS	The product used is Dolph's Hi-Therm BC346-A. It contains 26% Xylene & 26% VMP Naphtha. Approx. 125 gal of material are used per year. This accounts for about 33 gal. of both Xylene & VMP Naphtha Xylene - 33 gal/yr x 7.17 lb/gal = 237 lb/yr ÷ 2000 hr/yr = .119 lb/hr VMP Naphtha 33 gal/yr x 6.29 lb/gal = 207 lb/yr ÷ 2000 hr/yr = .104 lb/hr In addition an addition 75 gal/yr of naphtha is used to this bring the total to .34 lb/hr

S E C T I O N L	CONTAMINANT		INPUT OR PRODUCTION	UNIT	EMISSIONS			% CONTROL EFFICIENCY	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)	
	NAME	CAS NUMBER			ACTUAL	UNIT	HOW DET.		ERP	ACTUAL	ACTUAL	10 ^x
194	Xylene	0.1330-20-7	196	197	198 .119	199 1	200 6	201 0	202 .119	203 .119	204 2.37	205 2
206	V.M.P. Naphtha	08030-30-6	208	209	210 .340	211 1	212 6	213 0	214 .340	215 .340	216 6.79	217 2
218			220	221	222	223	224	225	226	227	228	229
230			232	233	234	235	236	237	238	239	240	241
242			244	245	246	247	248	249	250	251	252	253
254			256	257	258	259	260	261	262	263	264	265

E.P. No.	0	0	0	4	8
DWN	8-16-73	J. PIECH			
REV	8-12-82	J. GREER			

DEPT 060 BLDG #5



OP	LOCATION	FACILITY	EMISSION POINT	UNIT I.D.
A	Z	6	14000589400048	I 02

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

PROCESS, EXHAUST OR VENTILATION SYSTEM
UNIT OR PROCESS DATA

COPIES

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WHITE - FIELD REP
YELLOW - APPLICANT

PLEASE PRINT OR TYPE

S	175. EMISSION POINT I.D.	176. UNIT I.D.
E		
C.		
H	0004802	

177. SOURCE CODE	178. HRS/DAY	179. DAYS/YR	180. % OPERATION BY SEASON			
			Winter	Spring	Summer	Fall
1308	8	250	25	25	25	25

S	181. DESCRIBE PROCESS OR UNIT	1. Downdraft Benches	2.
E		3.	4.
C.		5.	6.
I		7.	8.

S	EMISSION CONTROL EQUIPMENT I.D.	CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER	DISPOSAL METHOD	DATE INSTALLED	USEFUL LIFE
E	182.	183. 99	184. Same	185.	186. /	187.
C.	188.	189.	190.	191.	192. /	193.
J						

CALCULATIONS

S
E
C
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K

These benches are used for the application of a variety of epoxy resin and hardener combinations, the components of which are listed below. While the exhaust operates 8 hours/day, the operations are conducted intermittently resulting in only trace concentrations.

S	CONTAMINANT		INPUT OR PRODUCTION	UNIT	EMISSIONS			% CONTROL EFFICIENCY	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)	
	NAME	CAS NUMBER			ACTUAL	UNIT	HOW DET.		ERP	ACTUAL	ACTUAL	10 ^x
E	194. Polyamide Resin (Aliphatic)	195. 61791-31-9	196. -	197. -	198. Tr	199. 94	200. 9	201. 0	202. Tr .001	203. .001	204. Tr 2	205. 0
C	206. Aromatic Amine	207. 14741-341-9	208. -	209. -	210. Tr	211. 94	212. 9	213. 0	214. Tr .001	215. .001	216. Tr 2	217. 0
I	218. Aromatic Resinous Amine	219. 14741-341-9	220. -	221. -	222. Tr	223. 94	224. 9	225. 0	226. Tr .001	227. .001	228. Tr 2	229. 0
O	230. NADIC Methyl Anhydride	231. 14741-341-9	232. -	233. -	234. Tr	235. 94	236. 9	237. 0	238. Tr .001	239. .001	240. Tr 2	241. 0
N	242. Epichlorohydrin/bisphenol A	243. 14741-341-9	244. -	245. -	246. Tr	247. 94	248. 9	249. 0	250. Tr .001	251. .001	252. Tr 2	253. 0
L		255.	256.	257.	258.	259.	260.	261.	262.	263.	264.	265.

OP LOCATION FACILITY EMISSION POINT UNIT I.D.
 A 2 6 1 4 0 0 0 8 9 4 0 0 0 4 8 I 0 3

NEW YORK STATE
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION

PROCESS, EXHAUST OR VENTILATION SYSTEM
 UNIT OR PROCESS DATA

COPIES

WHITE - ORIGINAL
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 WHITE - FIELD REP
 YELLOW - APPLICANT

PLEASE PRINT OR TYPE

S E C. H	175 EMISSION POINT I.D.	176 UNIT I.D.
	00048	03

177 SOURCE CODE	178 HRS/DAY	179 DAYS/YR	180 % OPERATION BY SEASON			
1203	8	250	Winter	Spring	Summer	Fall
			25	25	25	25

S E C. I	181 DESCRIBE PROCESS OR UNIT	1. Screen Cleaning Hood	2.
		3.	4.
		5.	6.
		7.	8.

S E C. J	EMISSION CONTROL EQUIPMENT I.D.	CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER	DISPOSAL METHOD	DATE INSTALLED	USEFUL LIFE
	182	183. 99	184. Same	185.	186. /	187.
	188	189.	190.	191.	192. /	193.

CALCULATIONS

10 gal. of cleaning mixture are used per week. Mass balance calculations show about 25% is lost per week. This is equal to 2.5 gal. The specific gravity of the mixture is 0.721, or 6.01 lb/gal.

$2.5 \text{ gal} \times 6.01 \text{ lb/gal} = 15.02 \text{ lb/week} \div 40 = 0.375 \text{ lb/hr.}$

$0.375 \text{ lb/hr} \times 2000 \text{ hr/yr} = 750 \text{ lb/yr.}$

	CONTAMINANT		INPUT OR PRODUCTION	UNIT	EMISSIONS			% CONTROL EFFICIENCY	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)	
	NAME	CAS NUMBER			ACTUAL	UNIT	HOW DET.		ERP	ACTUAL	ACTUAL	10 ^x
S E C. T I O N K	194 Toluene (25%)	195. 00108-88-3	196.	197.	198. 0.09	199. 1	200. 6	201. 0	202. 0.09	203. 0.09	204. 1.87	205. 2
	206 Isopropyl Alcohol (12.5%)	207. 00067-63-0	208.	209.	210. 0.05	211. 1	212. 6	213. 0	214. 0.05	215. 0.05	216. 9.37	217. 1
	218 Methyl Ethyl Ketone (10%)	219. 00078-93-3	220.	221.	222. 0.04	223. 1	224. 6	225. 0	226. 0.04	227. 0.04	228. 7.5	229. 1
	230 Diacetone Alcohol (2.5%)	231. 68551-07-5	232.	233.	234. 0.01	235. 1	236. 6	237. 0	238. 0.01	239. 0.01	240. 1.87	241. 1
	242 Petroleum Naphtha (50%)	243. 64742-88-7	244.	245.	246. 0.19	247. 1	248. 6	249. 0	250. 0.19	251. 0.19	252. 3.75	253. 2
	254	255.	256.	257.	258.	259.	260.	261.	262.	263.	264.	265.

OP LOCATION FACILITY EMISSION POINT UNIT I.D.
 A 2 6 1 4 0 0 6 8 9 4 0 0 0 4 8 I 6 4

NEW YORK STATE
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION

PROCESS, EXHAUST OR VENTILATION SYSTEM
 UNIT OR PROCESS DATA

COPIES

WHITE - ORIGINAL
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 WHITE - REGIONAL OFFICE
 WHITE - FIELD REP
 YELLOW - APPLICANT

PLEASE PRINT OR TYPE

S E C. H	175 EMISSION POINT I.D.	176 UNIT I.D.
	0 0 0 4 8	0 4

177 SOURCE CODE	178 HRS/DAY	179 DAYS/YR	180 % OPERATION BY SEASON			
			Winter	Spring	Summer	Fall
2108	8	250	25	25	25	25

S E C. I	181 DESCRIBE PROCESS OR UNIT	1. Vented Light Table	2.
		3.	4.
		5.	6.
		7.	8.

S E C. J	EMISSION CONTROL EQUIPMENT I.D.	CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER	DISPOSAL METHOD	DATE INSTALLED	USEFUL LIFE
	182	183 99	184 Same	185	186 /	187
	188	189	190	191	192 /	193

CALCULATIONS

S
E
C
T
I
O
N
K

Small cleaning jobs are performed here using Naphtha and lacquer thinner as the solvents.
 Approximately 1 pint of each of these is used per week resulting in trace concentrations being evolved.

S E C T I O N L	CONTAMINANT		INPUT OR PRODUCTION	UNIT	EMISSIONS			% CONTROL EFFICIENCY	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)	
	NAME	CAS NUMBER			ACTUAL	UNIT	HOW DET.		ERP	ACTUAL	ACTUAL	10*
	194 Naphtha	195 64740-88-7	196	197	198 .001	199 94	200 9	201 0	202 .001	203 .001	204 Tr 2	205 0
	206 Lacquer Thinner	207 NY 990-00-0	208	209	210 .001	211 94	212 9	213 0	214 .001	215 .001	216 Tr 2	217 0
	218	219	220	221	222	223	224	225 .226	226	227	228	229
	230	231	232	233	234	235	236	237	238	239	240	241
	242	243	244	245	246	247	248	249	250	251	252	253
	254	255	256	257	258	259	260	261	262	263	264	265

OP LOCATION FACILITY EMISSION POINT UNIT I.D.
 AZ 61400089400048 I 55

NEW YORK STATE
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION

PROCESS, EXHAUST OR VENTILATION SYSTEM
 UNIT OR PROCESS DATA

COPIES

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 WHITE - REGIONAL OFFICE
 WHITE - FIELD REP
 YELLOW - APPLICANT

PLEASE PRINT OR TYPE

S E C. H	175	EMISSION POINT I.D.	176	UNIT I.D.
	0	0	0	0
	4	8	0	5

177	SOURCE CODE	178	HRS/DAY	179	DAYS/YR	180 % OPERATION BY SEASON			
						Winter	Spring	Summer	Fall
	1306		8		250	2	5	2	5

S E C. I	181	1.	2.
	DESCRIBE PROCESS OR UNIT	3. Paint Spray Booth	4.
		5.	6.
		7.	8.

S E C. J	EMISSION CONTROL EQUIPMENT I.D.	CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER	DISPOSAL METHOD	DATE INSTALLED	USEFUL LIFE
	182	183	184	185	186	187
	188	189	190	191	192	193

CALCULATIONS

S E C. T I O N K	This spray booth is used for a small variety of paints, the most common of which is Agateen #10. Total volume sprayed is approximately 5 quarts per week. Particulates are removed by a bank of spray booth filters.	
---------------------------------------	--	--

S E C. T I O N L	CONTAMINANT		INPUT OR PRODUCTION	UNIT	EMISSIONS			% CONTROL EFFICIENCY	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)	
	NAME	CAS NUMBER			ACTUAL	UNIT	HOW DET.		ERP	ACTUAL	ACTUAL	10 ^x
194.	Various Volatile Organics	195	196.	197.	198.	199.	200.	201.	202.	203.	204.	205.
206		207	208.	209.	210.	211.	212.	213.	214.	215.	216.	217.
218		219.	220.	221.	222.	223.	224.	225.	226.	227.	228.	229.
230		231	232.	233.	234.	235.	236.	237.	238.	239.	240.	241.
242.		243.	244.	245.	246.	247.	248.	249.	250.	251.	252.	253.
254		255	256.	257.	258.	259.	260.	261.	262.	263.	264.	265.

OP	LOCATION	FACILITY	EMISSION POINT	UNIT I.D.
A	2	1	4	0
0	0	0	3	9
4	8	0	0	4
8	I	0	6	

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

PROCESS, EXHAUST OR VENTILATION SYSTEM
UNIT OR PROCESS DATA

COPIES
WHITE - ORIGINAL
GREEN - DIVISION OF AIR
WHITE - REGIONAL OFFICE
WHITE - FIELD REP
YELLOW - APPLICANT

PLEASE PRINT OR TYPE

S E C. H	175. EMISSION POINT I.D.	176. UNIT I.D.
	00048	06

177. SOURCE CODE	178. HRS/DAY	179. DAYS/YR	180. % OPERATION BY SEASON			
1402	4	250	Winter	Spring	Summer	Fall
			25	25	25	25

S E C. I	181. DESCRIBE PROCESS OR UNIT	1. Grieve Hendry Paint Curing Oven (electric oven)	2.
		3.	4.
		5.	6.
		7.	8.

S E C. J	EMISSION CONTROL EQUIPMENT I.D.	CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER	DISPOSAL METHOD	DATE INSTALLED	USEFUL LIFE
	182.	183. 99	184. Same	185.	186. /	187.
	188.	189.	190.	191.	192. /	193.

CALCULATIONS

S E C. T I O N K	This oven is used to cure DuPont Teflon one coat enamel. The principal solvent in the paint is water. It is cured at 700°F. Decomposition of Teflon begins at slightly higher temperatures, therefore, the emissions evolved are heat and water vapor.

S E C. T I O N L	CONTAMINANT		INPUT OR PRODUCTION	UNIT	EMISSIONS			% CONTROL EFFICIENCY	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)	
	NAME	CAS NUMBER			ACTUAL	UNIT	HOW DET.		ERP	ACTUAL	ACTUAL	10 ^x
194.	Misc Organic Water Vapor	195. 74990-00-0	196.	197. 0	198. 94	200. 9	201. 0	202. 0.001	203. 0.001	204. 1	205. 0	
206.		207.	208.	209. 0	210.	211.	212.	213.	214.	215.	216.	217.
218.		219.	220.	221. 0	222.	223.	224.	225.	226.	227.	228.	229.
230.		231.	232.	233. 0	234.	235.	236.	237.	238.	239.	240.	241.
242.		243.	244.	245. 0	246.	247.	248.	249.	250.	251.	252.	253.
				257.	258.	259.	260.	261.	262.	263.	264.	265.

APPLICATION FOR ENVIRONMENTAL ANALYSIS RATING AND PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

PLEASE PRINT OR TYPE XX

FOR AGENCY USE ONLY

PERMIT TO CONSTRUCTRECOMMENDATION OF CO APPROVAL _____

41. DATE ISSUED 7/1/74	42. EXPIRATION DATE 7/1/77	43. SIGNATURE OF APPROVAL Stanley G. Galt
---------------------------	-------------------------------	--

44. 1. ☒ INSPECTED BY Q E Kennedy Name W-12-74 Date

2. ☐ DOES NOT REQUIRE INSPECTION

3. ☐ INSPECTION DISCLOSED DIFFERENCES AS BUILT VS PERMIT, CHANGES AS INDICATED ON FORM

4. ☐ I RECOMMEND ISSUANCE OF A PROVISIONAL CERTIFICATE TO OPERATE PENDING THE APPROVAL OF STACK TESTS

5. ☒ I RECOMMEND ISSUANCE OF A CERTIFICATE TO OPERATE THE SOURCE AS BUILT

6. ☒ HAVE EPISODE ACTION PLANS BEEN ACCEPTED FOR THIS SOURCE

EXEMPT ☐ YES ☒ NO ☐

7. ☐ APPLICATION FOR C.O. DENIED

UPON COMPLETION OF CONSTRUCTION, SIGN THE STATEMENT LISTED BELOW AND FORWARD TO THE APPROPRIATE FIELD REPRESENTATIVE

SEC.	45. EMISSION POINT ID.	46. GROUND ELEV. (FT)	47. HT. ABOVE STRUCTURES (FT)	48. STACK HT. (FT)	49. INSIDE DIAM. (IN.)	50. EXIT TEMP. (°F)	51. EXIT VELOCITY (FT/SEC)	52. EXIT FLOW RATE (SCFM)	53. DRAFT TYPE	54. WIND DIRECTION	55. RECEPTOR DISTANCE (FT)	56. DRAWING NUMBERS OF PLANS SUBMITTED:
B	00023	567	9	48	24	70	12	2195	N ☐ F ☐ T	1034	190	4003

S E C C	57. DESCRIBE PROCESS OR UNIT:	58. TOTAL NUMBER OF SIMILAR PROCESSES OR UNITS:
	Water-wash spray booth	1

S E C. D	CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER		FUEL TYPE	FLOW RATE (SCFM)	TEMP (°F)	PRESSURE DROP (IN. H ₂ O)	HORSE POWER	CONTAM'T CONTROL'D	EFFICIENCY (%)	HOW DET.	DISP. METH.	INITIAL COST (\$)	OPER. COST (\$)	DATE INSTALLED	USEFUL LIFE												
	59.	02-38	60.	DeVilbiss	61.	HA	62.	2195	63.	70	64.	1.5	65.	1.5	66.	920	67.	95	68.	9	69.	9	70.	-	71.	-	72.	/
74.		75.		76.		77.		78.		79.		80.		81.		82.		83.		84.		85.		86.		87.	/	88.

CALCULATIONS IN DETERMINING INPUT OR PRODUCTION RATE, EMISSION RATE POTENTIAL AND ACTUAL EMISSIONS:

Estimate based on using 8 gal./day/spray booth.
Paints are 50% thinner - most evolved during spraying operation - 1 gal./hr. or 8 lbs./hr - thru water curtain.
Particulate emission is negligible.

$$50\% \times 8 \text{ #/hr} = 4 \text{ #/hr} \times .05 = .2 \text{ #/hr}$$

S E C T I O N	CONTAMINANT			INPUT OR PRODUCTION	UNITS	E R P (LBS /HR)	HRS DAY	DAYS YR	PROPOSED RATING	ACTUAL EMISSIONS	UNITS	ACTUAL EMISSIONS (LBS /HR)	AGENCY USE ONLY									
	NAME	%	CODE										ENV. RATING	ALLOWABLE EMISSIONS	UNITS							
F	89	Thinner (g)	90. 100	91. 920	92. 1	93. 1	94. 4	95. 8	96. 250	97. D	98. 4	99. 1	100. 4	101. D	102. 4	103. 1						
	104.	Paint pigment	105. 106	107. 075	108.	109. 4	110. 8	111. 250	112. D	113. 2.02	114. 52.2	115.	116. B	117. 0.2	118. 1							
	119.		120.	121.	122.	123.	124.	125.	126.	127.	128.	129.	130.	131.	132.	133.						
	134.		135.	136.	137.	138.	139.	140.	141.	142.	143.	144.	145.	146.	147.	148.						
	149.		150.	151.	152.	153.	154.	155.	156.	157.	158.	159.	160.	161.	162.	163.						
	164.		165.	166.	167.	168.	169.	170.	171.	172.	173.	174.	175.	176.	177.	178.						
SEC. G	SOLID FUEL			OIL			GAS			CONTROL EQUIPMENT			CONTROL EQUIPMENT			CONTROL EQUIPMENT			PROCESS CODE		APPLICABLE CODE (S)	
	TYPE	LBS/HR	%S	TYPE	G P H	%S	TYPE	C F H	BTU/CF	TYPE	NUMBER	TYPE	NUMBER	TYPE	NUMBER							
	179.	180.	181.	182.	183.	184.	185.	186.	187.	188. 98	189. 1	190.	191.	192.	193.	194.	195.	212				

NOTES: 1. Plans must be submitted in triplicate with this application.
2. Any person knowingly making any false statement or false report in connection with this application shall be liable for penalties as prescribed by law.

AIR 1001 (7/73)

AIR 1001 (7/73)

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-R-0125
RUN DATE: 04/18/88

261400 0894 00053 W I

LOCATION FAC EP

CERTIFICATE TO OPERATE AN AIR CONTAMINATION SOURCE
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
RENEWAL APPLICATION

O W N E R		F A C I L I T Y		(11) CONFIDENTIAL STATUS	NON-CONFIDNTL
(1) TAYLOR INSTRUMENT PRO CONT DIV	(6) TAYLOR INST PROCESS CONTROL	(12) APPLICATION STATUS	IN COMPLIANCE		
(2) 95 AMES ST	(7) 95 AMES ST	DATE OF LAST CHANGE	04/07/88		
(3) ROCHESTER (4) NY	(8) ROCHESTER (9) 14601	PRIOR CO ISSUE DATE	06/30/83		
(5) 14601	(10) REP: ROBERT HALTON	PRIOR CO EXPIRATION DATE	06/30/88		

FACILITY EMIS-CLASS / PGM-CODE: A2

POINT EMIS-CLASS / PGM-CODE:

EMISSION	(41)UTM-E: 284.8 KM.	(42)STACK HEIGHT: 48 FT.	(43)EXIT VELOCITY: 12.00 FT/SEC	(44)SIC: 3821	(45)AGENCY-CODE-1:
POINT	(46)UTM-N: 780.8 KM.	(47)HT ABV STRUC: 9 FT.	(48)EXIT FLOW: 2195.00 ACFM	(49)CO FEE: \$50.00	(50)AGENCY-CODE-2:
00053	(51)GRND ELEV: 529 FT.	(52)STK DIAM: 24 IN.	(53)EXIT TEMP: 70 DEGR F	(54)CO CONDITIONS: 1	

UNIT I	(55)HOURS/DAY: 8.0	(56)DAYS/YEAR: 250	(57)% OP BY SEASON: 25 25 25 25	(58)SOURCE CODE: A1306	PAINT SPRAYING (OTHE
	(59)BLDG: BLDG. 5	(60)FLOOR NAME: FLOOR 1 DEPT. 060	(61)RULE 1: 212.00	(62)RULE 2:	

PROCESS/UNIT (72)DESCRIPTION 1. WATER-WASH SPRAY BOOTH
DESCRIPTION

CONTROL	(73)TYPE: 001 FAN	(74)MFG: DEVILBISS	(75)ID: 1	(76)DATE INSTALLED: 09/73
EQUIPMENT		(77)DISPOSAL METHOD: 09 OTHER	(78)USEFUL LIFE: 15 YEARS	

AIR CONTAMINANTS	CAS NUMBER	ENV RATING	E M I S S I O N S				% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)		
			ACTUAL	UNIT	HOW DET	PERMISSIBLE			ACTUAL	10x	PERMISSIBLE
PAINT THINNER	(085) NY920-00-0	(086) D	(087) 4.000	(088) 01	(089) 09	(090) 4.000	(091)	(092) 4.000	(093) 8000	(094) 0	(095) 8000
PARTICULATES	(096) NY075-00-0	(097) B	(098) .010	(099) 20	(100) 09	(101) .050	(102) 95	(103) .200	(104)400.000	(105) 0	(106)400.000

(15)PRIOR COMMENTS (16)BY KENNEDY (17)DATE 07/01/83	(18)CURRENT COMMENTS (19)BY _____ (20)DATE ____/____/____	(27)LAST INSPECTION DATE 03/04/88
1. OPERATING AT TIME OF INSPECTION	1. _____	(21)INSPECTION STATUS 5
2. PROCESS EQ. SAT.	2. _____	(22)DATE OF NEXT ACTION ____/____/____
3. _____	3. _____	(23)ISSUE DATE 06/30/88
4. NO VISUAL EMISSIONS	4. _____	(24)EXPIRATION DATE 06/30/93
5. _____	5. _____	(25)CO FEE 50

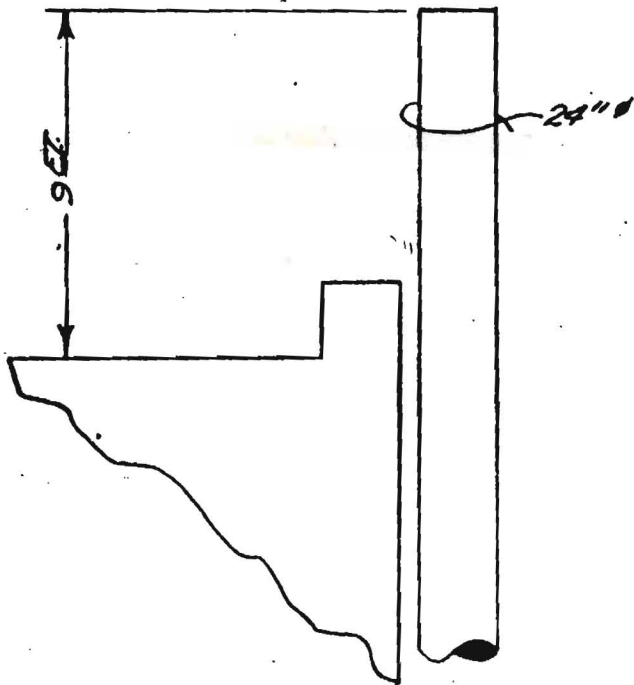
DATE: ____/____/____

ISSUING OFFICER'S SIGNATURE: _____

DATE: ____/____/____

E.P. No.	0	0	0	5	3
DWN.	8-15-73 J. PIECH				
REV.	_____				

DEPT. 060 BLDG. #5

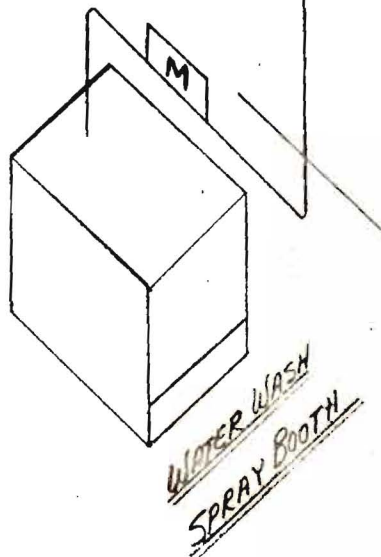


BLOWER - DEVIL BISS
#9332

MOTOR - G.E. 1 1/2 H.P.
#9352

USE PER DAY - 8 GAL. OF PAINT.
250 DAYS/YR.

ENV. RATING - D





PROCESS, EXHAUST OR VENTILATION SYSTEM

APPLICATION FOR ENVIRONMENTAL ANALYSIS RATING AND PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

PLEASE PRINT OR TYPE XX

S E C T I O N A	1. NAME OF OWNER/FIRM Taylor Instrument Process Control Div.			9. NAME OF AUTHORIZED AGENT			10. TELEPHONE			19. FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM)		
	2. NUMBER AND STREET ADDRESS 95 Ames Street			11. NUMBER AND STREET ADDRESS			20. FACILITY LOCATION (NUMBER AND STREET ADDRESS)					
	3. CITY - TOWN - VILLAGE Rochester		4. STATE New York	5. ZIP 14601	12. CITY - TOWN - VILLAGE		13. STATE	14. ZIP	21. CITY - TOWN - VILLAGE Rochester		22. COUNTY Monroe	
	6. OWNER CLASSIFICATION E. ☐ STATE H. ☐ HOSPITAL A. ☐ COMMERCIAL C. ☐ UTILITY F. ☐ MUNICIPAL I. ☐ RESIDENTIAL B. ☒ INDUSTRIAL D. ☐ FEDERAL G. ☐ EDUC. INST. J. ☐ OTHER			15. NAME OF P.E. OR ARCHITECT PREPARING PLANS		16. NYS P.E. OR ARCHT. LIC. NO.		17. TELEPHONE		23. BLDG. NAME OR NUMBER BLDG. 5		24. FLOOR NAME OR NUMBER Floor 1 Dept. 060
	7. NAME & TITLE OF OWNERS REPRESENTATIVE Fred J. Belluscio Plant Engineer			8. TELEPHONE 235-5000 ext. 3573		18. SIGNATURE OF REPRESENTATIVE OR AUTHORIZED AGENT <i>Fred J. Belluscio</i>			25. DATE APPLICATION COMPLETED 11/30/73		26. EXPECTED DATE OF OPERATION 11/30/73	
						27. PERMIT TO CONSTRUCT A. ☐ NEW SOURCE B. ☐ MODIFICATION			28. CERTIFICATE TO OPERATE A. ☐ NEW SOURCE C. ☒ EXISTING SOURCE B. ☐ MODIFICATION			

FOR AGENCY USE ONLY

29. LOCATION CODE 26140	30. FACILITY ID. NO. 0894	31. U.T.M.(E) 284	32. U.T.M.(N) 7808	33. SIC NUMBER 3821	34. DATE APPL. RECEIVED 6/25/74	35. DATE APPL. REVIEWED 7/1/74	36. REVIEWED BY <i>AROSA</i>
PERMIT TO CONSTRUCT 37. DATE ISSUED: / / 38. EXPIRATION DATE: / / 39. SIGNATURE OF APPROVAL: 40. CONDITIONS: 1. DEVIATION FROM APPROVED APPLICATION SHALL VOID THIS PERMIT 2. THIS IS NOT A CERTIFICATE TO OPERATE 3. TESTS AND/OR ADDITIONAL AIR POLLUTION CONTROL EQUIPMENT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE TO OPERATE 4. STACK TEST REQUIRED YES ☐ NO ☐				RECOMMENDATION OF C.O. APPROVAL 41. DATE ISSUED: 7/1/74 42. EXPIRATION DATE: 7/1/77 43. SIGNATURE OF APPROVAL: <i>Stanley D. ...</i> 44. 1. ☒ INSPECTED BY: <i>J. P. ...</i> Name: <i>J. P. ...</i> Date: 6-12-74 2. ☐ DOES NOT REQUIRE INSPECTION 3. ☐ INSPECTION DISCLOSED DIFFERENCES AS BUILT VS PERMIT, CHANGES AS INDICATED ON FORM 4. ☐ I RECOMMEND ISSUANCE OF A PROVISIONAL CERTIFICATE TO OPERATE PENDING THE APPROVAL OF STACK TESTS 5. ☒ I RECOMMEND ISSUANCE OF A CERTIFICATE TO OPERATE THE SOURCE AS BUILT 6. ☒ HAVE EPISODE ACTION PLANS BEEN ACCEPTED FOR THIS SOURCE EXEMPT ☐ YES ☒ NO ☐ 7. ☐ APPLICATION FOR C.O. DENIED			

UPON COMPLETION OF CONSTRUCTION, SIGN THE STATEMENT LISTED BELOW AND FORWARD TO THE APPROPRIATE FIELD REPRESENTATIVE

THE PROCESS, EXHAUST OR VENTILATING SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS

SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT: *Fred J. Belluscio* DATE: **6/25/74**

SEC.	45. EMISSION POINT ID. B 00054	46. GROUND ELEV. (FT) 529	47. HT. ABOVE STRUCTURES (FT) 9	48. STACK HT. (FT) 45	49. INSIDE DIAM. (IN.) 24	50. EXIT TEMP (°F) 70	51. EXIT VELOCITY (FT/SEC) 13	52. EXIT FLOW RATE (SCFM) 920	53. DRAFT TYPE ☒ N ☐ F ☐ T	54. WIND DIRECTION W	55. RECEPTOR DISTANCE (FT) 174	56. DRAWING NUMBERS OF PLANS SUBMITTED: 00054
------	--	-------------------------------------	---	---------------------------------	-------------------------------------	---------------------------------	---	---	---	--------------------------------	--	---

S E C T I O N A	57. DESCRIBE PROCESS OR UNIT: Water-wash Spray Booth												58. TOTAL NUMBER OF SIMILAR PROCESSES OR UNITS: 1

S E C T I O N D	CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER	FUEL TYPE	FLOW RATE (SCFM)	TEMP (°F)	PRESSURE DROP (IN. H ₂ O)	HORSE POWER	CONTAM'T CONTROL'D	EFFICIENCY (%)	HOW DET.	DISP. METH.	INITIAL COST (\$)	OPER. COST (\$)	DATE INSTALLED	USEFUL LIFE
	59. 61	60. DeVilbiss	61. NA	62. 2521	63. 70	64. 1.5	65. 1.5	66. 920	67. 95	68. 9	69. 9	70. -	71. -	72. /	73. /
	74.	75.	76.	77.	78.	79.	80.	81.	82.	83.	84.	85.	86.	87. /	88. /

CALCULATIONS IN DETERMINING INPUT OR PRODUCTION RATE, EMISSION RATE POTENTIAL AND ACTUAL EMISSIONS:

Estimate based on using 8 gal./day/spray booth.
Paints are 50% thinner - most evolved during spraying operation. - 1 gal./hr. or 8 lbs./hr. thru water curtain.
Particulate emission is negligible.
 $50\% \times 8 \text{ #/hr} = 4 \text{ #/hr} \times .05 = 0.2 \text{ #/hr}$

S E C T I O N F	CONTAMINANT				INPUT OR PRODUCTION	UNITS	ERP (LBS/HR)	HRS DAY	DAYS YR	PROPOSED RATING	ACTUAL EMISSIONS	UNITS	ACTUAL EMISSIONS (LBS/HR)	AGENCY USE ONLY				
	NAME				%	CODE								ENV. RATING	ALLOWABLE EMISSIONS	UNITS		
	89. Thinner (g)				200	91	92. 8	93. 1	94. 4	95. 8	96. 250	97. D	98. 4	99. 1	100. 4	101. D	102. 4	103. 1
	104. Paint pigment				105. 675	106. 675	107. 4	108. 8	109. 250	110. D	111. 4.02	112. 5	113. 4.2	114. B	115. 0.2	116. 1	117. 1	118. 1
	119.				120.	121.	122.	123.	124.	125.	126.	127.	128.	129.	130.	131.	132.	133.
	134.				135.	136.	137.	138.	139.	140.	141.	142.	143.	144.	145.	146.	147.	148.
	149.				150.	151.	152.	153.	154.	155.	156.	157.	158.	159.	160.	161.	162.	163.
164.				165.	166.	167.	168.	169.	170.	171.	172.	173.	174.	175.	176.	177.	178.	

SEC.	SOLID FUEL			OIL			GAS			CONTROL EQUIPMENT			CONTROL EQUIPMENT			CONTROL EQUIPMENT			PROCESS CODE	APPLICABLE CODE(S)
	TYPE	LBS/HR	%S	TYPE	G.P.H.	%S	TYPE	C.F.H.	BTU/CF	TYPE	NUMBER	TYPE	NUMBER	TYPE	NUMBER	TYPE	NUMBER			
G	179.	180.	181.	182.	183.	184.	185.	186.	187.	188. 5198	189. 1	190.	191.	192.	193.	194.	195. 212			

NOTES: 1. Plans must be submitted in triplicate with this application.
 2. Any person knowingly making any false statement or false report in connection with this application shall be liable for penalties as prescribed by law.

AIR 1001 (7/73)

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-R-0126

RUN DATE: 04/18/88

261400 0894 00054 W I

LOCATION FAC EP

CERTIFICATE TO OPERATE AN AIR CONTAMINATION SOURCE
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
RENEWAL APPLICATION

OWNER		FACILITY		(11) CONFIDENTIAL STATUS	NON-CONFIDENTIAL
(1) TAYLOR INSTRUMENT PRO CONT DIV	(6) TAYLOR INST PROCESS CONTROL	(12) APPLICATION STATUS	IN COMPLIANCE		
(2) 95 AMES ST	(7) 95 AMES ST	DATE OF LAST CHANGE	04/07/88		
(3) ROCHESTER (4) NY	(8) ROCHESTER (9) 14601	PRIOR CO ISSUE DATE	06/30/83		
(5) 14601	(10) REP: ROBERT HALTON	PRIOR CO EXPIRATION DATE	06/30/88		

FACILITY EMIS-CLASS / PGM-CODE: A2

POINT EMIS-CLASS / PGM-CODE:

EMISSION POINT 00054	(41)UTM-E: 284.8 KM.	(42)STACK HEIGHT: 48 FT.	(43)EXIT VELOCITY: 13.00 FT/SEC	(44)SIC: 3821	(45)AGENCY-CODE-1:
	(46)UTM-N: 780.8 KM.	(47)HT ABV STRUC: 9 FT.	(48)EXIT FLOW: 2521.00 ACFM	(49)CO FEE: \$50.00	(50)AGENCY-CODE-2:
	(51)GRND ELEV: 529 FT.	(52)STK DIAM: 24 IN.	(53)EXIT TEMP: 70 DEGR F	(54)CO CONDITIONS: 1	
UNIT I	(55)HOURS/DAY: 8.0	(56)DAYS/YEAR: 250	(57)% OP BY SEASON: 25 25 25 25	(58)SOURCE CODE: A1306	PAINTE SPRAYING (OTHE
	(59)BLDG: BLDG. 5	(60)FLOOR NAME: FLOOR 1 DEPT. 060	(61)RULE 1: 212.00	(62)RULE 2:	

PROCESS/UNIT (72)DESCRIPTION 1. WATER-WASH SPRAY BOOTH
DESCRIPTION

CONTROL (73)TYPE: 001 FAN (74)MFG: DEVILBISS (75)ID: 1 (76)DATE INSTALLED: 09/74
EQUIPMENT (77)DISPOSAL METHOD: 09 OTHER (78)USEFUL LIFE: 15 YEARS

AIR CONTAMINANTS	CAS NUMBER	ENV RATING	E M I S S I O N S				% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)		
			ACTUAL	UNIT	HOW DET	PERMISSIBLE			ACTUAL	10X	PERMISSIBLE
PAINT THINNER	(085) NY920-00-0	(086) D	(087) 4.000	(088) 01	(089) 09	(090) 4.000	(091)	(092) 4.000	(093) 8000	(094) 0	(095) 8000
PARTICULATES	(096) NY075-00-0	(097) B	(098) .009	(099) 20	(100) 09	(101) .050	(102) 95.0	(103) .200	(104) 400.000	(105) 0	(106) 400.000

(15)PRIOR COMMENTS (16)BY KENNEDY (17)DATE 07/01/83	(18)CURRENT COMMENTS (19)BY _____ (20)DATE ____/____/____	(27)LAST INSPECTION DATE	03/04/88
1. OPERATING AT TIME OF INSPECTION	1. _____	(21)INSPECTION STATUS	5
2. PROCESS EQ. SAT.	2. _____	(22)DATE OF NEXT ACTION	1/1
3.	3. _____	(23)ISSUE DATE	06/30/88
4. NO VISUAL EMISSIONS	4. _____	(24)EXPIRATION DATE	06/30/92
5.	5. _____	(25)CO FEE	50

FORM REP'S SIGNATURE:

AAI 14

DATE:

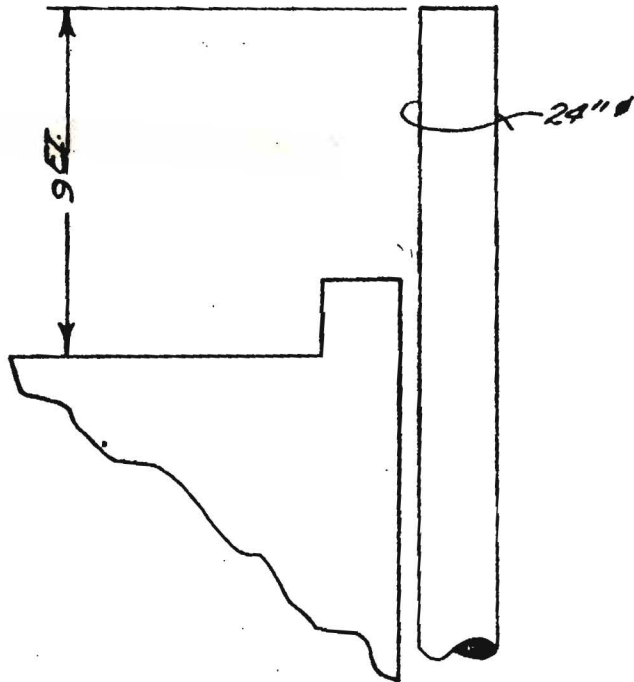
6/28/88

ISSUING OFFICER'S SIGNATURE:

DATE:

E.P. No.	00054
DWN. 8-15-73	J. PIECH
REV.	

DEPT. 060 BLDG. #5

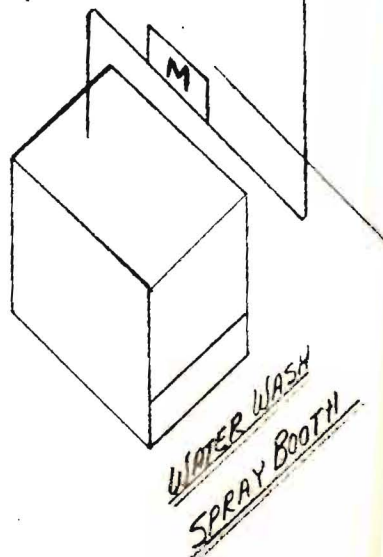


BLOWER - DEVILBISS
#9333

MOTOR - G.E. 1 1/2 H.P.
#9353

USE PER DAY - 8 GAL. OF PAINT.
250 DAYS/YR.

ENV. RATING - D





PROCESS, EXHAUST OR VENTILATION SYSTEM

APPLICATION FOR ENVIRONMENTAL ANALYSIS RATING AND PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

PLEASE PRINT OR TYPE XX

S E C T I O N A	1. NAME OF OWNER/FIRM Taylor Instrument Process Control Div.			9. NAME OF AUTHORIZED AGENT			10. TELEPHONE			19. FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM)								
	2. NUMBER AND STREET ADDRESS 95 Ames Street			11. NUMBER AND STREET ADDRESS			20. FACILITY LOCATION (NUMBER AND STREET ADDRESS)											
	3. CITY - TOWN - VILLAGE Rochester			4. STATE New York			5. ZIP 14601			21. CITY - TOWN - VILLAGE			22. COUNTY					
	6. OWNER CLASSIFICATION E ☐ STATE H ☐ HOSPITAL A ☐ COMMERCIAL C ☐ UTILITY F ☐ MUNICIPAL I ☐ RESIDENTIAL B ☒ INDUSTRIAL D ☐ FEDERAL G ☐ EDUC. INST. J ☐ OTHER			15. NAME OF P.E. OR ARCHITECT PREPARING PLANS			16. NYS P.E. OR ARCHT. LIC. NO.			17. TELEPHONE			23. BLDG. NAME OR NUMBER Bldg. 5			24. FLOOR NAME OR NUMBER Floor 1 Dept. 060		
	7. NAME & TITLE OF OWNERS REPRESENTATIVE Fred J. Belluscio Plant Engineer			8. TELEPHONE 235-5000 ext. 3573			18. SIGNATURE OF REPRESENTATIVE OR AUTHORIZED AGENT <i>Fred J. Belluscio</i>						25. DATE APPLICATION COMPLETED 11 / 30 / 73			26. EXPECTED DATE OF OPERATION 11 / 30 / 73		
													27. PERMIT TO CONSTRUCT A ☐ NEW SOURCE B ☐ MODIFICATION			28. CERTIFICATE TO OPERATE A ☐ NEW SOURCE C ☒ EXISTING SOURCE B ☐ MODIFICATION		

FOR AGENCY USE ONLY

29. LOCATION CODE 2014000894		30. FACILITY ID NO. 284878083821		31. U.T.M. (E)		32. U.T.M. (N)		33. SIC NUMBER 2811		34. DATE APPL. RECEIVED 6/25/74		35. DATE APPL. REVIEWED 7/1/74		36. REVIEWED BY: <i>ADP/SEA</i>	
PERMIT TO CONSTRUCT 37. DATE ISSUED: / / 38. EXPIRATION DATE: / / 39. SIGNATURE OF APPROVAL: 40. CONDITIONS: 1. DEVIATION FROM APPROVED APPLICATION SHALL VOID THIS PERMIT 2. THIS IS NOT A CERTIFICATE TO OPERATE 3. TESTS AND/OR ADDITIONAL AIR POLLUTION CONTROL EQUIPMENT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE TO OPERATE 4. STACK TEST REQUIRED YES ☐ NO ☐								RECOMMENDATION OF C.O. APPROVAL 41. DATE ISSUED: 7/1/74 42. EXPIRATION DATE: 7/1/77 43. SIGNATURE OF APPROVAL: <i>Stanley Gulmer</i> 44. 1. ☒ INSPECTED BY <i>Stanley Gulmer</i> Name Date 6.12.74 2. ☐ DOES NOT REQUIRE INSPECTION 3. ☐ INSPECTION DISCLOSED DIFFERENCES AS BUILT VS PERMIT, CHANGES AS INDICATED ON FORM 4. ☐ I RECOMMEND ISSUANCE OF A PROVISIONAL CERTIFICATE TO OPERATE PENDING THE APPROVAL OF STACK TESTS 5. ☒ I RECOMMEND ISSUANCE OF A CERTIFICATE TO OPERATE THE SOURCE AS BUILT 6. ☐ HAVE EPISODE ACTION PLANS BEEN ACCEPTED FOR THIS SOURCE EXEMPT ☒ YES ☐ NO ☐ 7. ☐ APPLICATION FOR C.O. DENIED							

UPON COMPLETION OF CONSTRUCTION, SIGN THE STATEMENT LISTED BELOW AND FORWARD TO THE APPROPRIATE FIELD REPRESENTATIVE

THE PROCESS, EXHAUST OR VENTILATING SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS		SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT <i>Fred J. Belluscio</i>		DATE 6/25/74	
--	--	---	--	------------------------	--

SEC.	45. EMISSION POINT ID. 00056	46. GROUND ELEV. (FT) 529	47. HT. ABOVE STRUCTURES (FT) 9	48. STACK HT. (FT) 48	49. INSIDE DIAM. (IN.) 12	50. EXIT TEMP. (°F) 220	51. EXIT VELOCITY (FT/SEC) 24	52. EXIT FLOW RATE (SCFM) 1103	53. DRAFT TYPE ☐ N ☐ F ☒ T	54. WIND DIRECTION WSW	55. RECEPTOR DISTANCE (FT.) 150	56. DRAWING NUMBERS OF PLANS SUBMITTED: 00056
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S E C T I O N B	57. DESCRIBE PROCESS OR UNIT: Paint Drying Oven - Exhaust System.													58. TOTAL NUMBER OF SIMILAR PROCESSES OR UNITS: 1	
--------------------------------------	---	--	--	--	--	--	--	--	--	--	--	--	--	---	--

CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER	FUEL TYPE	FLOW RATE (SCFM)	TEMP (°F)	PRESSURE DROP (IN. H ₂ O)	HORSE POWER	CONTAM'T CONTROL'D	EFFICIENCY (%)	HOW DET.	DISP. METH.	INITIAL COST (\$)	OPER. COST (\$)	DATE INSTALLED	USEFUL LIFE
59. 01	60. Young Bros.	61. 7	62. 1143	63. 220	64. 1.0	65. 3.0	66. 490	67. 98	68. 9	69. 9	70. -	71. -	72. /	73.
74. 10	75. After Burner	76. 7	77. 1143	78. 220	79. 1.0	80. 3.0	81. 490	82. 90	83. 9	84. 9	85. -	86. -	87. /	88.

CALCULATIONS IN DETERMINING INPUT OR PRODUCTION RATE, EMISSION RATE POTENTIAL AND ACTUAL EMISSIONS:

S E C T I O N C	Paint fumes pass through ignition area of direct fired oven. Most paint thinner is evolved in spraying.													
--------------------------------------	---	--	--	--	--	--	--	--	--	--	--	--	--	--

S E C T I O N F	CONTAMINANT				INPUT OR PRODUCTION	UNITS	E R P (LBS / HR)	HRS DAY	DAYS YR	PROPOSED RATING	ACTUAL EMISSIONS	UNITS	ACTUAL EMISSIONS (LBS / HR)	AGENCY USE ONLY		
	NAME	%	CODE											ENV. RATING	ALLOWABLE EMISSIONS	UNITS
	89. Aromatic Organic (g)	90. 100	91. 490	92. ← 0.1	93. 1	94. < 0.1	95. 16	96. 250	97. D	98. < 0.1	99. 1	100. < 0.1	101. D	102. 0.1	103. 1	
	104.	105.	106.	107.	108.	109.	110.	111.	112.	113.	114.	115.	116.	117.	118.	
	119.	120.	121.	122.	123.	124.	125.	126.	127.	128.	129.	130.	131.	132.	133.	
	134.	135.	136.	137.	138.	139.	140.	141.	142.	143.	144.	145.	146.	147.	148.	
	149.	150.	151.	152.	153.	154.	155.	156.	157.	158.	159.	160.	161.	162.	163.	
	164.	165.	166.	167.	168.	169.	170.	171.	172.	173.	174.	175.	176.	177.	178.	

SEC.	SOLID FUEL			OIL			GAS			CONTROL EQUIPMENT		CONTROL EQUIPMENT		CONTROL EQUIPMENT		PROCESS CODE	APPLICABLE CODE (S)
	TYPE	LBS/HR	%S	TYPE	GPH	%S	TYPE	CFH	BTU/CF	TYPE	NUMBER	TYPE	NUMBER	TYPE	NUMBER		
G	179.	180.	181.	182.	183.	184.	185. 1	186. 650	187. 2030	188. 01	189. 1	190. 10	191. 1	192.	193.	194.	195. 212

NOTES 1. Plans must be submitted in triplicate with this application.
2. Any person knowingly making any false statement or false report in connection with this application shall be liable for penalties as prescribed by law

AIR 1001 (7/73)

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-X-1320
RUN DATE: 11/06/92

C 261400 0894 00056 W I
LOCATION FAC EP

SOURCE NOT INOPERATION
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
DATA CHANGED

O W N E R			F A C I L I T Y			(11) CONFIDENTIAL STATUS	NON-CONFIDNTL
(1) TAYLOR INSTRUMENT PRO CONT DIV	(6) TAYLOR INST PROCESS CONTROL		(12) APPLICATION STATUS	IN COMPLIANCE		DATE OF LAST CHANGE	10/23/92
(2) 95 AMES ST	(7) 95 AMES ST		(13) PRIOR CO ISSUE DATE	06/30/88		(14) PRIOR CO EXPIRATION DATE	06/30/93
(3) ROCHESTER (4) NY	(8) ROCHESTER (9) 14601						
(5) 14601	(10) REP: ROBERT HALTON						

FACILITY EMIS-CLASS / PGM-CODE: A2				POINT EMIS-CLASS / PGM-CODE:			
EMISSION	(41)UTM-E: 284.8 KM.	(42)STACK HEIGHT: 48 FT.	(43)EXIT VELOCITY: 24.00 FT/SEC	(44)SIC: 3821	(45)AGENCY-CODE-1:		
POINT	(46)UTM-N: 780.8 KM.	(47)HT ABV STRUC: 9 FT.	(48)EXIT FLOW: 1143.00 ACFM	(49)CO FEE: \$50.00	(50)AGENCY-CODE-2:		
00056	(51)GRND ELEV: 529 FT.	(52)STK DIAM: 12 IN.	(53)EXIT TEMP: 300 DEGR F	(54)CO CONDITIONS: 1			
UNIT I	(55)HOURS/DAY: 16.0	(56)DAYS/YEAR: 250	(57)% OP BY SEASON: 25 25 25 25	(58)SOURCE CODE: A1402	BAKING AND DRYING (O		
	(59)BLDG: BLDG. 5	(60)FLOOR NAME: FLOOR 1 DEPT. 060	(61)RULE 1: 212.00	(62)RULE 2:			
	(63)SOLID TYPE:	(64)SOLID QUANTITY: TONS/YR	(65)PERCENT SULFUR: %				
	(66) OIL TYPE:	(67) OIL QUANTITY: THOUSANDS GAL/YR	(68)PERCENT SULFUR: %				
	(69) GAS TYPE: 52 NATURAL GAS	(70) GAS QUANTITY: 2600.0 THOUSANDS CF/YR	(71)BTU/CF: 1030 BTU/CF				

PROCESS/UNIT DESCRIPTION	(72)DESCRIPTION 1. PAINT DRYING OVEN - EXHAUST SYSTEM.						
CONTROL EQUIPMENT	(73)TYPE: 001 FAN	(74)MFG: YOUNG BROS.	(75)ID: 1	(76)DATE INSTALLED: 09/57			
		(77)DISPOSAL METHOD: 09 OTHER		(78)USEFUL LIFE: 30 YEARS			
CONTROL EQUIPMENT	(79)TYPE: 010 THERMAL AFTERBURNER	(80)MFG: AFTER BURNER	(81)ID: 2	(82)DATE INSTALLED: 09/57			
		(83)DISPOSAL METHOD: 09 OTHER		(84)USEFUL LIFE: 30 YEARS			

AIR CONTAMINANTS	CAS NUMBER	ENV RATING	E M I S S I O N S				% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)		
			ACTUAL	UNIT	HOW DET	PERMISSIBLE			ACTUAL	10 ^x	PERMISSIBLE
ORGANIC SOLVENTS	(085) NY930-00-0	(086) D	(087) .100	(088) 01	(089) 09	(090) .100	(091) 98.0	(092) .100	(093)400.000	(094) 0	(095)400.000

GENERAL CONDITIONS

1. SHOULD SIGNIFICANT NEW SCIENTIFIC EVIDENCE FROM A RECOGNIZED INSTITUTION
RESULT IN A DECISION BY DEC THAT LOWER AMBIENT POLLUTION LEVELS MUST BE
ESTABLISHED, IT MAY BE NECESSARY TO REDUCE EMISSIONS FROM THIS SOURCE PRIOR TO

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-R-0127
RUN DATE: 04/18/88

261400 0894 00056 W I

LOCATION FAC EP

CERTIFICATE TO OPERATE AN AIR CONTAMINATION SOURCE
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
RENEWAL APPLICATION

O W N E R		F A C I L I T Y		(11) CONFIDENTIAL STATUS	NON-CONFIDNTL
(1) TAYLOR INSTRUMENT PRO CONT DIV		(6) TAYLOR INST PROCESS CONTROL		(12) APPLICATION STATUS	IN COMPLIANCE
(2) 95 AMES ST		(7) 95 AMES ST		DATE OF LAST CHANGE	04/07/88
(3) ROCHESTER (4) NY		(8) ROCHESTER (9) 14601		PRIOR CO ISSUE DATE	06/30/83
(5) 14601		(10) REP: ROBERT HALTON		PRIOR CO EXPIRATION DATE	06/30/88

FACILITY EMIS-CLASS / PGM-CODE: A2

POINT EMIS-CLASS / PGM-CODE:

EMISSION POINT 00056	(41)UTM-E: 284.8 KM.	(42)STACK HEIGHT: 48 FT.	(43)EXIT VELOCITY: 24.00 FT/SEC	(44)SIC: 3821	(45)AGENCY-CODE-1:
	(46)UTM-N: 780.8 KM.	(47)HT ABV STRUC: 9 FT.	(48)EXIT FLOW: 1143.00 ACFM	(49)CO FEE: \$50.00	(50)AGENCY-CODE-2:
	(51)GRND ELEV: 529 FT.	(52)STK DIAM: 12 IN.	(53)EXIT TEMP: 300 DEGR F	(54)CO CONDITIONS: 1	
UNIT I	(55)HOURS/DAY: 16.0	(56)DAYS/YEAR: 250	(57)% OP BY SEASON: 25 25 25 25	(58)SOURCE CODE: A1402	BAKING AND DRYING (O
	(59)BLDG: BLDG. 5	(60)FLOOR NAME: FLOOR 1 DEPT. 060		(61)RULE 1: 212.00	(62)RULE 2:
	(63)SOLID TYPE:	(64)SOLID QUANTITY: TONS/YR	(65)PERCENT SULFUR: %		
	(66) OIL TYPE:	(67) OIL QUANTITY: THOUSANDS GAL/YR	(68)PERCENT SULFUR: %		
	(69) GAS TYPE: 52 NATURAL GAS	(70) GAS QUANTITY: 2600.0 THOUSANDS CF/YR	(71)BTU/CF: 1030 BTU/CF		

PROCESS/UNIT (72)DESCRIPTION 1. PAINT DRYING OVEN - EXHAUST SYSTEM.
DESCRIPTION

CONTROL EQUIPMENT	(73)TYPE: 001 FAN	(74)MFG: YOUNG BROS.	(75)ID: 1	(76)DATE INSTALLED: 09/57
		(77)DISPOSAL METHOD: 09 OTHER		(78)USEFUL LIFE: 30 YEARS
CONTROL EQUIPMENT	(79)TYPE: 010 THERMAL AFTERBURNER	(80)MFG: AFTER BURNER	(81)ID: 2	(82)DATE INSTALLED: 09/57
		(83)DISPOSAL METHOD: 09 OTHER		(84)USEFUL LIFE: 30 YEARS

AIR CONTAMINANTS	CAS NUMBER	ENV RATING	E M I S S I O N S				% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)		
			ACTUAL	UNIT	HOW DET	PERMISSIBLE			ACTUAL	10x	PERMISSIBLE
ORGANIC SOLVENTS	(085) NY930-00-0	(086) D	(087) .100	(088) 01	(089) 09	(090) .100	(091) 98.0	(092) .100	(093) 400.000	(094) 0	(095) 400.000

(15)PRIOR COMMENTS (16)BY KENNEDY (17)DATE 07/01/83	(18)CURRENT COMMENTS (19)BY (20)DATE / /	(27)LAST INSPECTION DATE 03/04/88
1. OPERATING AT TIME OF INSPECTION	1. _____	(21)INSPECTION STATUS 5
2. PROCESS & CONTROL EQ. SAT.	2. _____	(22)DATE OF NEXT ACTION / /
3.	3. _____	(23)ISSUE DATE 06/30/88
4. NO VISUAL EMISSIONS	4. _____	(24)EXPIRATION DATE 06/30/93
5.	5. _____	(25)CO FEE 50

FORM DE-16 SIGNATURE:

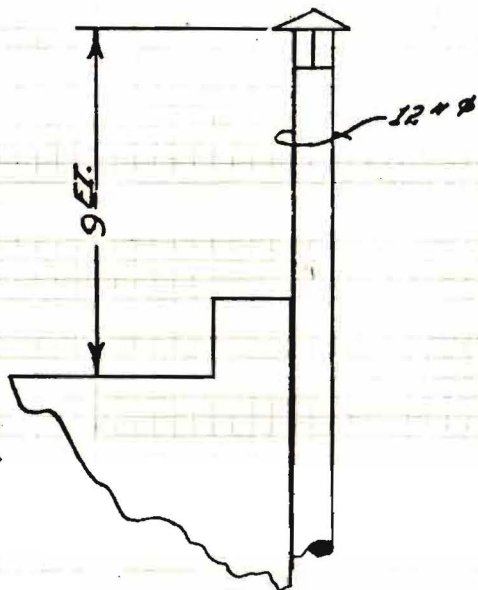
DATE:

ISSUING OFFICER'S SIGNATURE:

DATE:

E.P. NO.	0	0	0	5	6
DWN. 8-16-73 J. PIECH					
REV.					

DEPT. 060 BLDG. #5

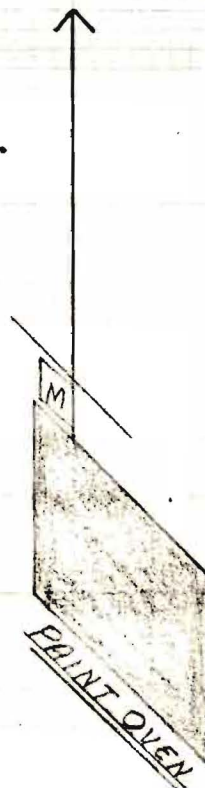


BLOWER - YOUNG BROS.
#9559

MOTOR - RELIANCE 5 H.P.
#9560

PAINT OVEN - FUMES PASS THRU
IGNITION AREA.

ENV. RATING - D





PROCESS, EXHAUST OR VENTILATION SYSTEM

APPLICATION FOR ENVIRONMENTAL ANALYSIS RATING AND PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

PLEASE PRINT OR TYPE XX

S E C T I O N A	1. NAME OF OWNER/FIRM Taylor Instrument Process Control Div.			9. NAME OF AUTHORIZED AGENT			10. TELEPHONE			19. FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM)								
	2. NUMBER AND STREET ADDRESS 95 Ames Street			11. NUMBER AND STREET ADDRESS			20. FACILITY LOCATION (NUMBER AND STREET ADDRESS)											
	3. CITY - TOWN - VILLAGE Rochester			4. STATE New York			5. ZIP 14601			21. CITY - TOWN - VILLAGE			22. COUNTY					
	6. OWNER CLASSIFICATION E ☐ STATE H ☐ HOSPITAL A ☐ COMMERCIAL C ☐ UTILITY F ☐ MUNICIPAL I ☐ RESIDENTIAL B ☒ INDUSTRIAL D ☐ FEDERAL G ☐ EDUC. INST. J ☐ OTHER			15. NAME OF P.E. OR ARCHITECT PREPARING PLANS			16. NYS P.E. OR ARCHT. LIC. NO.			17. TELEPHONE			23. BLDG. NAME OR NUMBER Bldg. 5			24. FLOOR NAME OR NUMBER Floor 1 Dept. 060		
	7. NAME & TITLE OF OWNERS REPRESENTATIVE Fred J. Belluscio Plant Engineer			8. TELEPHONE 235-5000 ext. 3573			18. SIGNATURE OF REPRESENTATIVE OR AUTHORIZED AGENT <i>Fred J. Belluscio</i>						25. DATE APPLICATION COMPLETED 11/30/73			26. EXPECTED DATE OF OPERATION 11/30/73		
													27. PERMIT TO CONSTRUCT A ☐ NEW SOURCE B ☐ MODIFICATION			28. CERTIFICATE TO OPERATE A ☐ NEW SOURCE C ☒ EXISTING SOURCE B ☐ MODIFICATION		

FOR AGENCY USE ONLY

29. LOCATION CODE 261400		30. FACILITY ID. NO. 0894		31. U.T.M. (E) 2848		32. U.T.M. (N) 7808		33. SIG NUMBER 2621		34. DATE APPL. RECEIVED 6/25/74		35. DATE APPL. REVIEWED 7/1/74		36. REVIEWED BY <i>ASSEA</i>	
PERMIT TO CONSTRUCT 37. DATE ISSUED / / 38. EXPIRATION DATE / / 39. SIGNATURE OF APPROVAL 40. CONDITIONS: 1. DEVIATION FROM APPROVED APPLICATION SHALL VOID THIS PERMIT 2. THIS IS NOT A CERTIFICATE TO OPERATE 3. TESTS AND/OR ADDITIONAL AIR POLLUTION CONTROL EQUIPMENT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE TO OPERATE 4. STACK TEST REQUIRED YES ☐ NO ☐								RECOMMENDATION OF C.O. APPROVAL 41. DATE ISSUED 7/1/74 42. EXPIRATION DATE 7/1/77 43. SIGNATURE OF APPROVAL <i>Stanley Dukes</i> 44. 1. ☒ INSPECTED BY <i>J. E. Kennedy</i> Name 6-12-74 Date 2. ☐ DOES NOT REQUIRE INSPECTION 3. ☐ INSPECTION DISCLOSED DIFFERENCES AS BUILT VS PERMIT, CHANGES AS INDICATED ON FORM 4. ☐ I RECOMMEND ISSUANCE OF A PROVISIONAL CERTIFICATE TO OPERATE PENDING THE APPROVAL OF STACK TESTS 5. ☒ I RECOMMEND ISSUANCE OF A CERTIFICATE TO OPERATE THE SOURCE AS BUILT 6. ☐ HAVE EPISODE ACTION PLANS BEEN ACCEPTED FOR THIS SOURCE EXEMPT ☒ YES ☐ NO ☐ 7. ☐ APPLICATION FOR C.O. DENIED							

UPON COMPLETION OF CONSTRUCTION, SIGN THE STATEMENT LISTED BELOW AND FORWARD TO THE APPROPRIATE FIELD REPRESENTATIVE

THE PROCESS, EXHAUST OR VENTILATING SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS		SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT <i>Fred J. Belluscio</i>		DATE 6/25/74	
--	--	---	--	------------------------	--

SEC	45. EMISSION POINT ID. 00037	46. GROUND ELEV. (FT) 529	47. HT. ABOVE STRUCTURES (FT) 9	48. STACK HT. (FT) 40	49. INSIDE DIAM. (IN.) 12	50. EXIT TEMP (°F) 220	51. EXIT VELOCITY (FT/SEC) 24	52. EXIT FLOW RATE (SCFM) 1143	53. DRAFT TYPE ☐ N ☐ F ☒ T	54. WIND DIRECTION SW	55. RECEPTOR DISTANCE (FT) 150	56. DRAWING NUMBERS OF PLANS SUBMITTED 00001
-----	--	-------------------------------------	---	---------------------------------	-------------------------------------	----------------------------------	---	--	---	---------------------------------	--	--

S E C T I O N B	57. DESCRIBE PROCESS OR UNIT: Paint Drying Oven - Exhaust System													58. TOTAL NUMBER OF SIMILAR PROCESSES OR UNITS: 1	
--------------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	---	--

CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER	FUEL TYPE	FLOW RATE (SCFM)	TEMP (°F)	PRESSURE DROP (IN. H ₂ O)	HORSE POWER	CONTAM'T CONTROL'D	EFFICIENCY (%)	HOW DET.	DISP. METH.	INITIAL COST (\$)	OPER. COST (\$)	DATE INSTALLED	USEFUL LIFE
59. 01	60. Young Bros.	61. 7	62. 1143	63. 220	64. 1.0	65. 5.0	66. 490	67. 98	68. 9	69. 9	70. -	71. -	72. /	73.
74. 10	75. After Burner	76. 7	77. 1143	78. 220	79. 1.0	80. 5.0	81. 490	82. 90	83. 9	84. 9	85. -	86. -	87. /	88.

CALCULATIONS IN DETERMINING INPUT OR PRODUCTION RATE, EMISSION RATE POTENTIAL AND ACTUAL EMISSIONS:

S E C T I O N C	Paint fumes pass through ignition area of direct fired oven. Most paint thinner is evolved in spraying.													
--------------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

S E C T I O N F	CONTAMINANT				INPUT OR PRODUCTION	UNITS	E R P (LBS /HR)	HRS DAY	DAYS YR	PROPOSED RATING	ACTUAL EMISSIONS	UNITS	ACTUAL EMISSIONS (LBS /HR)	AGENCY USE ONLY		
	NAME	%	CODE											ENV RATING	ALLOWABLE EMISSIONS	UNIT
89.	Aromatic Organic (g)	90. 100	91. 490	92. < 0.1	93. 1	94. < 0.1	95. 16	96. 250	97. D	98. < 0.1	99. 1	100. < 0.1	101. D	102. 0.1	103. 1	
104.		105.	106.	107.	108.	109.	110.	111.	112.	113.	114.	115.	116.	117.	118.	
119.		120.	121.	122.	123.	124.	125.	126.	127.	128.	129.	130.	131.	132.	133.	
134.		135.	136.	137.	138.	139.	140.	141.	142.	143.	144.	145.	146.	147.	148.	
149.		150.	151.	152.	153.	154.	155.	156.	157.	158.	159.	160.	161.	162.	163.	
164.		165.	166.	167.	168.	169.	170.	171.	172.	173.	174.	175.	176.	177.	178.	

SEC.	SOLID FUEL			OIL			GAS			CONTROL EQUIPMENT		CONTROL EQUIPMENT		CONTROL EQUIPMENT		PROCESS CODE	APPLICABLE CODE (S)
	TYPE	LBS/HR	%S	TYPE	G P H	% S	TYPE	C F H	BTU/CF	TYPE	NUMBER	TYPE	NUMBER	TYPE	NUMBER		
G	179.	180.	181.	182.	183.	184.	185. 1	186. 650	187. 1030	188. 01	189. 1	190. 10	191. 1	192.	193.	194.	195. 212

NOTES 1. Plans must be submitted in triplicate with this application.
2. Any person knowingly making any false statement or false report in connection with this application shall be liable for penalties as prescribed by law.
AIR 1001 (7/73)

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-R-0128
RUN DATE: 04/18/88

C 261400 0894 00057 W I

LOCATION FAC EP

CERTIFICATE TO OPERATE AN AIR CONTAMINATION SOURCE
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
RENEWAL APPLICATION

O W N E R		F A C I L I T Y		(11) CONFIDENTIAL STATUS	NON-CONFIDN
(1) TAYLOR INSTRUMENT PRO CONT DIV	(6) TAYLOR INST PROCESS CONTROL	(12) APPLICATION STATUS	IN COMPLIAN		
(2) 95 AMES ST	(7) 95 AMES ST	DATE OF LAST CHANGE	04/07/88		
(3) ROCHESTER (4) NY	(8) ROCHESTER (9) 14601	PRIOR CO ISSUE DATE	06/30/83		
(5) 14601	(10) REP: ROBERT HALTON	PRIOR CO EXPIRATION DATE	06/30/88		

FACILITY EMIS-CLASS / PGM-CODE: A2

POINT EMIS-CLASS / PGM-CODE:

EMISSION	(41)UTM-E: 284.8 KM.	(42)STACK HEIGHT: 48 FT.	(43)EXIT VELOCITY: 24.00 FT/SEC	(44)SIC: 3821	(45)AGENCY-CODE-1:
POINT	(46)UTM-N: 780.8 KM.	(47)HT ABV STRUC: 9 FT.	(48)EXIT FLOW: 1143.00 ACFM	(49)CO FEE: \$50.00	(50)AGENCY-CODE-2:
00057	(51)GRND ELEV: 529 FT.	(52)STK DIAM: 12 IN.	(53)EXIT TEMP: 300 DEGR F	(54)CO CONDITIONS: 1	

UNIT I	(55)HOURS/DAY: 16.0	(56)DAYS/YEAR: 250	(57)% OP BY SEASON: 25 25 25 25	(58)SOURCE CODE: A1402	BAKING AND DRYING (O
	(59)BLDG: BLDG. 5	(60)FLOOR NAME: FLOOR 1 DEPT. 060	(61)RULE 1: 212.00	(62)RULE 2:	

(63)SOLID TYPE:	(64)SOLID QUANTITY: TONS/YR	(65)PERCENT SULFUR: %
(66) OIL TYPE:	(67) OIL QUANTITY: THOUSANDS GAL/YR	(68)PERCENT SULFUR: %
(69) GAS TYPE: 52 NATURAL GAS	(70) GAS QUANTITY: 2600.0 THOUSANDS CF/YR	(71)BTU/CF: 1030 BTU/CF

PROCESS/UNIT (72)DESCRIPTION 1. PAINT DRYING OVEN - EXHAUST SYSTEM
DESCRIPTION

CONTROL (73)TYPE: 001 FAN	(74)MFG: YOUNG BROS.	(75)ID: 1	(76)DATE INSTALLED: 09/57
EQUIPMENT	(77)DISPOSAL METHOD: 09 OTHER	(78)USEFUL LIFE: 30 YEARS	

CONTROL (79)TYPE: 010 THERMAL AFTERBURNER	(80)MFG: AFTER BURNER	(81)ID: 2	(82)DATE INSTALLED: 09/57
EQUIPMENT	(83)DISPOSAL METHOD: 09 OTHER	(84)USEFUL LIFE: 30 YEARS	

AIR CONTAMINANTS	CAS NUMBER	ENV RATING	E M I S S I O N S				% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)		
			ACTUAL	UNIT	HOW DET	PERMISSIBLE			ACTUAL	10x	PERMISSIBLE
ORGANIC SOLVENTS	(085) NY930-00-0	(086) D	(087) .100	(088) 01	(089) 09	(090) .100	(091) 98.0	(092) .100	(093)400.000	(094) 0	(095)400.000

(15)PRIOR COMMENTS (16)BY KENNEDY (17)DATE 07/01/83
1. OPERATING AT TIME OF INSPECTION
2. PROCESS & CONTROL EQ. SAT.
3.
4. NO VISUAL EMISSIONS
5.

(18)CURRENT COMMENTS (19)BY (20)DATE / /
1.
2.
3.
4.
5.

(27)LAST INSPECTION DATE 03/04/88
(21)INSPECTION STATUS 5
(22)DATE OF NEXT ACTION / /
(23)ISSUE DATE 06/30/88
(24)EXPIRATION DATE 06/30/93
(25)CO FEE 50

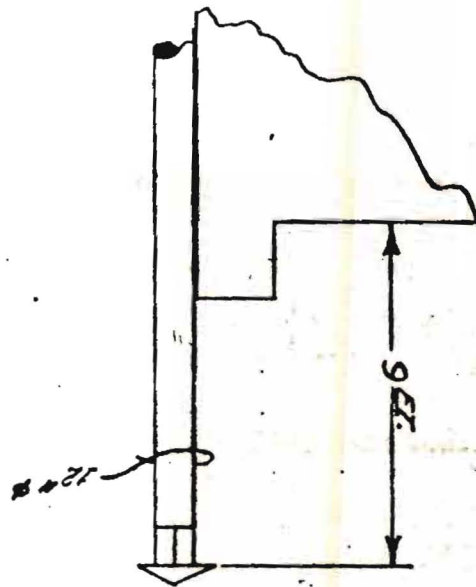
FIRM REP'S SIGNATURE:

DATE:

ISSUING OFFICER'S SIGNATURE:

DATE:

PAINT OVEN - FUMES PASS THRU
IGNITION AREA
ENV. RATING - D



BLOWER - YOUNG BROS.
#9338
MOTOR - RELIANCE S.H.P.
#9472

DEPT. 060 BLDG. #5

E.P. NO.				00	05	7
DWN. 8-16-75 J. PIECH						
REV.						



PROCESS, EXHAUST OR VENTILATION SYSTEM

APPLICATION FOR ENVIRONMENTAL ANALYSIS, RATING AND PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

PLEASE PRINT OR TYPE XX

S E C T I O N A	1. NAME OF OWNER/FIRM Taylor Instrument Process Control Div.			9. NAME OF AUTHORIZED AGENT			10. TELEPHONE			19. FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM)								
	2. NUMBER AND STREET ADDRESS 95 Ames Street			11. NUMBER AND STREET ADDRESS			20. FACILITY LOCATION (NUMBER AND STREET ADDRESS)											
	3. CITY - TOWN - VILLAGE Rochester			4. STATE New York			5. ZIP 14601			21. CITY - TOWN - VILLAGE			22. COUNTY					
	6. OWNER CLASSIFICATION E ☐ STATE H ☐ HOSPITAL A ☐ COMMERCIAL C ☐ UTILITY F ☐ MUNICIPAL I ☐ RESIDENTIAL B ☒ INDUSTRIAL D ☐ FEDERAL G ☐ EDUC. INST. J ☐ OTHER			15. NAME OF P.E. OR ARCHITECT PREPARING PLANS			16. NYS P.E. OR ARCHT. LIC. NO.			17. TELEPHONE			23. BLDG. NAME OR NUMBER Bldg. 5			24. FLOOR NAME OR NUMBER Floor 1 Dept. 060		
	7. NAME & TITLE OF OWNERS REPRESENTATIVE Fred J. Belluscio Plant Engineer			8. TELEPHONE 235-5000 ext. 3573			18. SIGNATURE OF REPRESENTATIVE OR AUTHORIZED AGENT <i>Fred J. Belluscio</i>						25. DATE APPLICATION COMPLETED 11 / 30 / 73			26. EXPECTED DATE OF OPERATION 11 / 30 / 73		
													27. PERMIT TO CONSTRUCT A ☐ NEW SOURCE B ☐ MODIFICATION			28. CERTIFICATE TO OPERATE A ☐ NEW SOURCE C ☒ EXISTING SOURCE B ☐ MODIFICATION		

FOR AGENCY USE ONLY

29. LOCATION CODE 241400		30. FACILITY ID. NO. 0894		31. U.T.M. (E) 2848		32. U.T.M. (N) 7808		33. SIC NUMBER 2821		34. DATE APPL. RECEIVED 6/25/74		35. DATE APPL. REVIEWED 7/1/74		36. REVIEWED BY <i>St. Foster</i>																																																	
37. DATE ISSUED 7/1/74								38. EXPIRATION DATE 7/1/77								39. SIGNATURE OF APPROVAL <i>Stanley Suber</i>																																															
40. CONDITIONS: 1. DEVIATION FROM APPROVED APPLICATION SHALL VOID THIS PERMIT 2. THIS IS NOT A CERTIFICATE TO OPERATE 3. TESTS AND/OR ADDITIONAL AIR POLLUTION CONTROL EQUIPMENT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE TO OPERATE 4. STACK TEST REQUIRED YES ☐ NO ☐																41. DATE ISSUED 7/1/74																42. EXPIRATION DATE 7/1/77																43. SIGNATURE OF APPROVAL <i>Stanley Suber</i>															
44. 1. ☒ INSPECTED BY <i>St. Foster</i> Name Date 6/12/74 2. ☐ DOES NOT REQUIRE INSPECTION 3. ☐ INSPECTION DISCLOSED DIFFERENCES AS BUILT VS PERMIT, CHANGES AS INDICATED ON FORM 4. ☐ I RECOMMEND ISSUANCE OF A PROVISIONAL CERTIFICATE TO OPERATE PENDING THE APPROVAL OF STACK TESTS 5. ☒ I RECOMMEND ISSUANCE OF A CERTIFICATE TO OPERATE THE SOURCE AS BUILT 6. ☐ HAVE EPISODE ACTION PLANS BEEN ACCEPTED FOR THIS SOURCE EXEMPT ☐ YES ☐ NO ☐ 7. ☐ APPLICATION FOR C.O. DENIED																																																															

UPON COMPLETION OF CONSTRUCTION, SIGN THE STATEMENT LISTED BELOW AND FORWARD TO THE APPROPRIATE FIELD REPRESENTATIVE

THE PROCESS, EXHAUST OR VENTILATING SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS										SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT <i>Fred J. Belluscio</i>										DATE 6/25/74									
--	--	--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--	------------------------	--	--	--	--	--	--	--	--	--

SEC.	45. EMISSION POINT ID. 00058	46. GROUND ELEV. (FT.) 529	47. HT. ABOVE STRUCTURES (FT.) 7	48. STACK HT. (FT.) 48	49. INSIDE DIAM. (IN.) 20	50. EXIT TEMP. (°F) 270	51. EXIT VELOCITY (FT/SEC) 9	52. EXIT FLOW RATE (SCFM) 1159	53. DRAFT TYPE ☐ N ☐ F ☒ T	54. WIND DIRECTION 157	55. RECEPTOR DISTANCE (FT.) 158	56. DRAWING NUMBERS OF PLANS SUBMITTED: 00058	
------	--	--------------------------------------	--	----------------------------------	-------------------------------------	-----------------------------------	--	--	---	----------------------------------	---	---	--

S E C T I O N A	57. DESCRIBE PROCESS OR UNIT: Paint Drying Oven - Exhaust System.													58. TOTAL NUMBER OF SIMILAR PROCESSES OR UNITS: 1	
--------------------------------------	---	--	--	--	--	--	--	--	--	--	--	--	--	---	--

CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER	FUEL TYPE	FLOW RATE (SCFM)	TEMP (°F)	PRESSURE DROP (IN. H ₂ O)	HORSE POWER	CONTAM'T CONTROL'D	EFFICIENCY (%)	HOW DET.	DISP. METH.	INITIAL COST (\$)	OPER. COST (\$)	DATE INSTALLED	USEFUL LIFE
59. 01	60. Young Bros.	61. 7	62. 1159	63. 220	64. 1.0	65. 5.0	66. 490	67. 98	68. 9	69. 9	70. -	71. -	72. /	73.
74. 10	75. After Burner	76. 7	77. 1159	78. 220	79. 1.0	80. 5.0	81. 490	82. 90	83. 9	84. 9	85. -	86. -	87. /	88.

CALCULATIONS IN DETERMINING INPUT OR PRODUCTION RATE, EMISSION RATE POTENTIAL AND ACTUAL EMISSIONS:

S E C T I O N A	Paint fumes pass through ignition area of direct fired oven. Most paint thinner is evolved in spraying.														
--------------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SECTION	CONTAMINANT				INPUT OR PRODUCTION	UNITS	E R P (LBS / HR)	HRS DAY	DAYS YR	PROPOSED RATING	ACTUAL EMISSIONS	UNITS	ACTUAL EMISSIONS (LBS /HR)	AGENCY USE ONLY		
	NAME	%	CODE											ENV. RATING	ALLOWABLE EMISSIONS	UNIT
	89.	Aromatic Organic (g)	90. 100	91. 490	92. < 0.1	93. 1	94. < 0.1	95. 16	96. 250	97. D	98. < 0.1	99. 1	100. < 0.1	101. D	102. 0.1	103. 1
	104.		105.	106.	107.	108.	109.	110.	111.	112.	113.	114.	115.	116.	117.	118.
	119.		120.	121.	122.	123.	124.	125.	126.	127.	128.	129.	130.	131.	132.	133.
	134.		135.	136.	137.	138.	139.	140.	141.	142.	143.	144.	145.	146.	147.	148.
	149.		150.	151.	152.	153.	154.	155.	156.	157.	158.	159.	160.	161.	162.	163.
	164.		165.	166.	167.	168.	169.	170.	171.	172.	173.	174.	175.	176.	177.	178.

SEC.	SOLID FUEL			OIL			GAS			CONTROL EQUIPMENT		CONTROL EQUIPMENT		CONTROL EQUIPMENT		PROCESS CODE	APPLICABLE CODE (S)
	TYPE	LBS/HR	%S	TYPE	G P H	%S	TYPE	C F H	BTU/CF	TYPE	NUMBER	TYPE	NUMBER	TYPE	NUMBER		
G	179.	180.	181.	182.	183.	184.	185. 1	186. 650	187. 1800	188. 01	189. 1	190. 10	191. 1	192.	193.	194.	195. 212

NOTES: 1. Plans must be submitted in triplicate with this application.
2. Any person knowingly making any false statement or false report in connection with this application shall be liable for penalties as prescribed by law

AIR 1001 (7/73)

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-R-0129
RUN DATE: 04/18/88

261400 0894 00058 W I

LOCATION FAC EP

CERTIFICATE TO OPERATE AN AIR CONTAMINATION SOURCE
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
RENEWAL APPLICATION

O W N E R		F A C I L I T Y		(11) CONFIDENTIAL STATUS	NON-CONFIDENTIAL
(1) TAYLOR INSTRUMENT PRO CONT DIV	(6) TAYLOR INST PROCESS CONTROL	(12) APPLICATION STATUS	IN COMPLIANCE		
(2) 95 AMES ST	(7) 95 AMES ST	DATE OF LAST CHANGE	04/07/88		
(3) ROCHESTER (4) NY	(8) ROCHESTER (9) 14601	PRIOR CO ISSUE DATE	06/30/83		
(5) 14601	(10) REP: ROBERT HALTON	PRIOR CO EXPIRATION DATE	06/30/88		

FACILITY EMIS-CLASS / PGM-CODE: A2

POINT EMIS-CLASS / PGM-CODE:

EMISSION	(41)UTM-E: 284.8 KM.	(42)STACK HEIGHT: 48 FT.	(43)EXIT VELOCITY: 9.00 FT/SEC	(44)SIC: 3821	(45)AGENCY-CODE-1:
POINT	(46)UTM-N: 780.8 KM.	(47)HT ABV STRUC: 9 FT.	(48)EXIT FLOW: 1159.00 ACFM	(49)CO FEE: \$50.00	(50)AGENCY-CODE-2:
00058	(51)GRND ELEV: 529 FT.	(52)STK DIAM: 20 IN.	(53)EXIT TEMP: 300.8 DEGR F	(54)CO CONDITIONS: 1	

UNIT I	(55)HOURS/DAY: 16.0	(56)DAYS/YEAR: 250	(57)% OP BY SEASON: 25 25 25 25	(58)SOURCE CODE: A1402	BAKING AND DRYING (O
	(59)BLDG: BLDG. 5	(60)FLOOR NAME: FLOOR 1 DEPT. 060		(61)RULE 1: 212.00	(62)RULE 2:
	(63)SOLID TYPE:	(64)SOLID QUANTITY: TONS/YR	(65)PERCENT SULFUR: %		
	(66) OIL TYPE:	(67) OIL QUANTITY: THOUSANDS GAL/YR	(68)PERCENT SULFUR: %		
	(69) GAS TYPE: 52 NATURAL GAS	(70) GAS QUANTITY: 2600.0 THOUSANDS CF/YR	(71)BTU/CF: 1030 BTU/CF		

PROCESS/UNIT (72)DESCRIPTION 1. PAINT DRYING OVEN - EXHAUST SYSTEM.
DESCRIPTION

CONTROL EQUIPMENT	(73)TYPE: 001 FAN	(74)MFG: YOUNG BROS.	(75)ID: 1	(76)DATE INSTALLED: 09/57
		(77)DISPOSAL METHOD: 09 OTHER		(78)USEFUL LIFE: 30 YEARS
CONTROL EQUIPMENT	(79)TYPE: 010 THERMAL AFTERBURNER	(80)MFG: AFTER BURNER	(81)ID: 2	(82)DATE INSTALLED: 09/57
		(83)DISPOSAL METHOD: 09 OTHER		(84)USEFUL LIFE: 30 YEARS

AIR CONTAMINANTS	CAS NUMBER	ENV RATING	E M I S S I O N S				% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)		
			ACTUAL	UNIT	HOW DET	PERMISSIBLE			ACTUAL	10x	PERMISSIBLE
ORGANIC SOLVENTS	(085) NY930-00-0	(086) D	(087) .100	(088) 01	(089) 09	(090) .100	(091)	(092) .100	(093) 400.000	(094) 0	(095) 400.000

(15)PRIOR COMMENTS (16)BY KENNEDY (17)DATE 07/01/83	(18)CURRENT COMMENTS (19)BY (20)DATE / /	(27)LAST INSPECTION DATE 03/04/88
1. OPERATING AT TIME OF INSPECTION	1. _____	(21)INSPECTION STATUS 5
2. PROCESS & CONTROL EQ. SAT.	2. _____	(22)DATE OF NEXT ACTION / /
3. _____	3. _____	(23)ISSUE DATE 06/30/88
4. NO VISUAL EMISSIONS	4. _____	(24)EXPIRATION DATE 06/30/93
5. _____	5. _____	(25)CO FEE 50

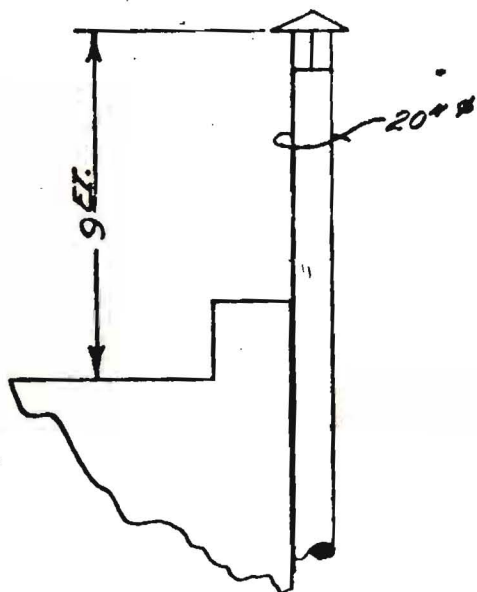
DATE: / /

ISSUING OFFICER'S SIGNATURE:

DATE:

E.P. NO.	00058
DWN. 8.16.73 J. PIECH	
REV.	

DEPT. 060 BLDG. #5

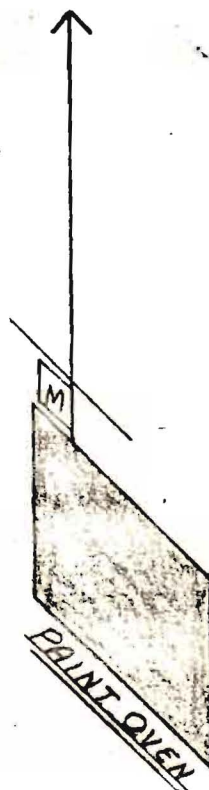


BLOWER - YOUNG BROS.
#9465

MOTOR - RELIANCE SHP.
#9474

PAINT OVEN - FUMES PASS THRU
IGNITION AREA.

ENV. RATING - D



OP LOCATION FACILITY EMISSION POINT
2614000894000681

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

file

COPIES
WHITE - ORIGINAL
GREEN - DIVISION OF AIR
WHITE - REGIONAL OFFICE
WHITE - FIELD REP
YELLOW - APPLICANT



A ADD
C CHANGE
D DELETE

READ INSTRUCTIONS
CONTAINED IN
FORM 76-11-12
BEFORE ANSWERING
ANY QUESTION

PROCESS, EXHAUST OR VENTILATION SYSTEM APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

1. NAME OF OWNER/FIRM TAYLOR INSTRUMENT CO.			9. NAME OF AUTHORIZED AGENT Energy Planning Inc.			10. TELEPHONE 385-4280			19. FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM)		
2. NUMBER AND STREET ADDRESS 95 Ames Street			11. NUMBER AND STREET ADDRESS 100 Bluff Dr. P.O. Box 387			20. FACILITY LOCATION (NUMBER AND STREET ADDRESS)			21. CITY-TOWN-VILLAGE Rochester		
3. CITY-TOWN-VILLAGE Rochester			4. STATE New York			5. ZIP 14611			22. ZIP		
6. OWNER CLASSIFICATION A. ☐ COMMERCIAL C. ☐ UTILITY F. ☐ MUNICIPAL I. ☐ RESIDENTIAL B. ☒ INDUSTRIAL D. ☐ FEDERAL G. ☐ EDUC. INST J. ☐ OTHER			15. NAME OF P.E. OR ARCHITECT PREPARING APPLICATION Red J. Belluscio			16. N.Y.S. P.E. OR ARCHITECT LICENSE NO. 028156			17. TELEPHONE 385-4280		
7. NAME & TITLE OF OWNERS REPRESENTATIVE Frank Cervelloni - Manager of Facilities			8. TELEPHONE 235-5000			18. SIGNATURE OF OWNERS REPRESENTATIVE OR AGENT WHEN APPLYING FOR A PERMIT TO CONSTRUCT <i>Red J. Belluscio</i>			25. START UP DATE MO 07 / YR 63		
									26. DRAWING NUMBERS OF PLANS SUBMITTED EP 00068		
									27. PERMIT TO CONSTRUCT A. ☐ NEW SOURCE B. ☐ MODIFICATION		
									28. CERTIFICATE TO OPERATE A. ☐ NEW SOURCE C. ☒ EXISTING B. ☐ MODIFICATION		

29. EMISSION POINT I.D. 00068	30. GROUND ELEVATION (FT.) 530	31. HEIGHT ABOVE STRUCTURES (FT.) -20	32. STACK HEIGHT (FT.) 19	33. INSIDE DIMENSIONS (IN.) 17	34. EXIT TEMP (°F) 70	35. EXIT VELOCITY (FT/SEC) 32	36. EXIT FLOW RATE (ACFM) 3000	37. SOURCE CODE 1514	38. HRS/DAY 6	39. DAYS/YR 250	40. % OPERATION BY SEASON Winter Spring Summer Fall 2 5 2 5 2 5 2 5
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S E C C C	41. DESCRIBE PROCESS OR UNIT Mercury Filling Room Exhaust System	2.
	3.	4.
	5.	6.
	7.	8.

EMISSION CONTROL EQUIPMENT I.D. 01	CONTROL TYPE 01	MANUFACTURER'S NAME AND MODEL NUMBER Chicago 182ABD/Westinghouse 1 HP Motor	DISPOSAL METHOD 09	DATE INSTALLED MONTH / YEAR 08 / 78	USEFUL LIFE 20
42.	43.	44.	45.	46.	47.
48.	49.	50.	51.	52.	53.

CALCULATIONS

This source is general room exhaust for an area where instruments are filled with mercury. Operations are conducted for 6 hours/day, although the blower operates 24 hours/day in case of a failure of pressurized equipment after hours.

$.054 \text{ mg/m}^3 \text{ measured at exhaust intake} \times 84.96 \text{ m}^3/\text{min} (\text{flow rate}) = 4.59 \text{ mg/min} \times 360 \text{ min/day} = 1652 \text{ mg/day}$

$1652 \text{ mg/day} \div 1000 \text{ mg/g} = 1.652 \text{ g/day} \div 454 \text{ g/lb} = .0036 \text{ lb/day} \div 6 \text{ hr/day} = .0006 \text{ lb/hr}$

$.0006 \text{ lb/hr} \times 6 \text{ hr/day} \times 250 \text{ day/yr} = 0.90 \text{ lb/yr}$

CONTAMINANT		INPUT OR PRODUCTION	UNIT	ENV RATING	EMISSIONS				% CONTROL EFFIC'Y	HOURLY EMISSIONS (LBS/HR)		ANNUAL EMISSIONS (LBS/YR)	
NAME	CAS. NUMBER				ACTUAL	UNIT	HOW DET	PERMISSIBLE		ERP	ACTUAL	ACTUAL	10 ^x PERMISSIBLE
54. Inorganic Mercury	55. 07439-97-6	56. 34	57. A	58. 2.9	59. 6	60. 2.9	61. 0.6	62. 0	63. 0	64. .0006	65. .0006	66. 9.09	67. -1 9.09
69.	70.	71.	72.	73.	74.	75.	76.	77.	78.	79.	80.	81.	82. 83
84.	85.	86.	87.	88.	89.	90.	91.	92.	93.	94.	95.	96.	97. 98
99.	100.	101.	102.	103.	104.	105.	106.	107.	108.	109.	110.	111.	112. 113
114.	115.	116.	117.	118.	119.	120.	121.	122.	123.	124.	125.	126.	127. 128
129.	130.	131.	132.	133.	134.	135.	136.	137.	138.	139.	140.	141.	142. 143

SOLID FUEL TONS/YR		% S	OIL THOUSANDS OF GALLONS / YR		% S	GAS THOUSANDS OF CF/YR		BTU/CF	APPLICABLE RULE	APPLICABLE RULE
144.	145.	146.	147.	148.	149.	150.	151.	152.	153. 212	154.

Upon completion of construction sign the statement listed below and forward to the appropriate field representative

THE PROCESS, EXHAUST OR VENTILATION SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS.

155. SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT
X

DATE

156. LOCATION CODE 2614000894	157. FACILITY ID. NO. 284878083821	158. U.T.M. (E)	159. U.T.M. (N)	160. SIC NUMBER 284878083821	161. DATE APPL RECEIVED 10/04/83	162. DATE APPL. REVIEWED 10/13/83	163. REVIEWED BY <i>John Kennedy</i>
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PERMIT TO CONSTRUCT			
164. DATE ISSUED 06/90/83	165. EXPIRATION DATE 06/03/88	166. SIGNATURE OF APPROVAL <i>John Kennedy</i>	167. FEE 50

RECOMMENDED ACTION RE: C.O.			
169. DATE ISSUED 06/90/83	170. EXPIRATION DATE 06/03/88	171. SIGNATURE OF APPROVAL <i>John Kennedy</i>	172. FEE 50

174. SPECIAL CONDITIONS:	
1.	2.
3.	4.
5.	6.
7.	8.

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-R-0132
RUN DATE: 04/18/88

C 261400 0894 00068 W I

LOCATION FAC EP

CERTIFICATE TO OPERATE AN AIR CONTAMINATION SOURCE
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
RENEWAL APPLICATION

O W N E R		F A C I L I T Y		(11) CONFIDENTIAL STATUS	NON-CONFIDENT
(1) TAYLOR INSTRUMENT PRO CONT DIV	(6) TAYLOR INST PROCESS CONTROL	(12) APPLICATION STATUS	IN COMPLIANCE		
(2) 95 AMES ST	(7) 95 AMES ST	DATE OF LAST CHANGE	04/07/88		
(3) ROCHESTER (4) NY	(8) ROCHESTER (9) 14601	PRIOR CO ISSUE DATE	06/30/83		
(5) 14601	(10) REP: ROBERT HALTON	PRIOR CO EXPIRATION DATE	06/30/88		

FACILITY EMIS-CLASS / PGM-CODE: A2

POINT EMIS-CLASS / PGM-CODE:

EMISSION POINT 00068	(41)UTM-E: 284.8 KM.	(42)STACK HEIGHT: 19 FT.	(43)EXIT VELOCITY: 32.00 FT/SEC	(44)SIC: 3821	(45)AGENCY-CODE-1:
	(46)UTM-N: 780.8 KM.	(47)HT ABV STRUC: -20 FT.	(48)EXIT FLOW: 3000.00 ACFM	(49)CO FEE: \$50.00	(50)AGENCY-CODE-2:
	(51)GRND ELEV: 530 FT.	(52)STK DIAM: 17 IN.	(53)EXIT TEMP: 70 DEGR F	(54)CO CONDITIONS: 1 3	
UNIT I	(55)HOURS/DAY: 6.0	(56)DAYS/YEAR: 250	(57)% OP BY SEASON: 25 25 25 25	(58)SOURCE CODE: 1514	WEIGHING
	(59)BLDG: BLDG 30	(60)FLOOR NAME: FLOOR 1 DEPT 161	(61)RULE 1: 212.00	(62)RULE 2:	

PROCESS/UNIT (72)DESCRIPTION 1. MERCURY FILLING ROOM
DESCRIPTION

CONTROL (73)TYPE: 001 FAN (74)MFG: CHICAGO 182ABDWESTINGHOUSE 1 HP MOTOR (75)ID: 01 (76)DATE INSTALLED: 08/78
EQUIPMENT (77)DISPOSAL METHOD: 09 OTHER (78)USEFUL LIFE: 20 YEARS

AIR CONTAMINANTS	CAS NUMBER	ENV RATING	E M I S S I O N S				% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)		
			ACTUAL	UNIT	HOW DET	PERMISSIBLE			ACTUAL	10x	PERMISSIBLE
MERCURY	(085) 07439-97-6	(086) A	(087) .600	(088) 02	(089) 09	(090) .600	(091)	(092) .001	(093) 9.090	(094) -1	(095) 9.09

(15)PRIOR COMMENTS (16)BY JK (17)DATE 07/01/83

1. OPERATING AT TIME OF INSPECTION
2. PROCESS EQ. SAT.
- 3.
4. NO VISUAL EMISSIONS
- 5.

(18)CURRENT COMMENTS (19)BY (20)DATE / /

- 1.
- 2.
- 3.
- 4.
- 5.

(27)LAST INSPECTION DATE 03/04/88

- (21)INSPECTION STATUS 5
- (22)DATE OF NEXT ACTION / /
- (23)ISSUE DATE 06/30/88
- (24)EXPIRATION DATE 06/30/93
- (25)CO FEE 50



PROCESS, EXHAUST OR VENTILATION SYSTEM

APPLICATION FOR ENVIRONMENTAL ANALYSIS RATING AND PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

PLEASE PRINT OR TYPE XX

S E C T I O N A	1. NAME OF OWNER/FIRM Taylor Instrument Process Control Div.			9. NAME OF AUTHORIZED AGENT			10. TELEPHONE			19. FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM)		
	2. NUMBER AND STREET ADDRESS 95 Ames Street			11. NUMBER AND STREET ADDRESS			20. FACILITY LOCATION (NUMBER AND STREET ADDRESS)					
	3. CITY - TOWN - VILLAGE Rochester		4. STATE New York	5. ZIP 14601	12. CITY - TOWN - VILLAGE		13. STATE	14. ZIP	21. CITY - TOWN - VILLAGE Rochester		22. COUNTY Monroe	
	6. OWNER CLASSIFICATION E. ☐ STATE H. ☐ HOSPITAL A. ☐ COMMERCIAL C. ☐ UTILITY F. ☐ MUNICIPAL I. ☐ RESIDENTIAL B. ☒ INDUSTRIAL D. ☐ FEDERAL G. ☐ EDUC. INST. J. ☐ OTHER			15. NAME OF P.E. OR ARCHITECT PREPARING PLANS		16. NYS P.E. OR ARCHT. LIC. NO.		17. TELEPHONE		23. BLDG. NAME OR NUMBER Bldg. 30		24. FLOOR NAME OR NUMBER Floor 1 Dept. 161
	7. NAME & TITLE OF OWNERS REPRESENTATIVE Fred J. Belluscio Plant Engineer			8. TELEPHONE 235-5000 ext. 3573		18. SIGNATURE OF REPRESENTATIVE OR AUTHORIZED AGENT <i>Fred J. Belluscio</i>			25. DATE APPLICATION COMPLETED 11 / 30 / 73		26. EXPECTED DATE OF OPERATION 11 / 30 / 73	
							27. PERMIT TO CONSTRUCT A. ☐ NEW SOURCE B. ☐ MODIFICATION			28. CERTIFICATE TO OPERATE A. ☐ NEW SOURCE C. ☒ EXISTING SOURCE B. ☐ MODIFICATION		

FOR AGENCY USE ONLY

29. LOCATION CODE 201400	30. FACILITY ID NO. 0897	31. U.T.M.(E) 2849	32. U.T.M.(N) 7808	33. SIC NUMBER 2627	34. DATE APPL. RECEIVED 6/25/74	35. DATE APPL. REVIEWED 7/1/74	36. REVIEWED BY <i>ASD</i>
PERMIT TO CONSTRUCT 37. DATE ISSUED: / / 38. EXPIRATION DATE: / / 39. SIGNATURE OF APPROVAL: _____ 40. CONDITIONS: 1. DEVIATION FROM APPROVED APPLICATION SHALL VOID THIS PERMIT 2. THIS IS NOT A CERTIFICATE TO OPERATE 3. TESTS AND/OR ADDITIONAL AIR POLLUTION CONTROL EQUIPMENT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE TO OPERATE 4. STACK TEST REQUIRED YES ☐ NO ☐				RECOMMENDATION OF C.O. APPROVAL 41. DATE ISSUED: 7/1/74 42. EXPIRATION DATE: 7/1/77 43. SIGNATURE OF APPROVAL: <i>Stanley Sulner</i> 44. 1. ☒ INSPECTED BY _____ Name _____ Date _____ 2. ☐ DOES NOT REQUIRE INSPECTION 3. ☐ INSPECTION DISCLOSED DIFFERENCES AS BUILT VS PERMIT, CHANGES AS INDICATED ON FORM 4. ☐ I RECOMMEND ISSUANCE OF A PROVISIONAL CERTIFICATE TO OPERATE PENDING THE APPROVAL OF STACK TESTS 5. ☒ I RECOMMEND ISSUANCE OF A CERTIFICATE TO OPERATE THE SOURCE AS BUILT 6. ☐ HAVE EPISODE ACTION PLANS BEEN ACCEPTED FOR THIS SOURCE EXEMPT ☒ YES ☐ NO ☐ 7. ☐ APPLICATION FOR C.O. DENIED			

UPON COMPLETION OF CONSTRUCTION, SIGN THE STATEMENT LISTED BELOW AND FORWARD TO THE APPROPRIATE FIELD REPRESENTATIVE

THE PROCESS, EXHAUST OR VENTILATING SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS	SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT <i>Fred J. Belluscio</i>	DATE 6/25/74
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SEC.	45. EMISSION POINT ID. B	46. GROUND ELEV. (FT) 530	47. HT. ABOVE STRUCTURES (FT) 40	48. STACK HT. (FT) 19	49. INSIDE DIAM. (IN.) 11	50. EXIT TEMP (°F) 12	51. EXIT VELOCITY (FT/SEC) 22	52. EXIT FLOW RATE (SCFM) 1290	53. DRAFT TYPE ☐ N ☐ F ☐ I	54. WIND DIRECTION 55	55. RECEPTOR DISTANCE (FT) 107	56. DRAWING NUMBERS OF PLANS SUBMITTED: 00009
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S E C T I O N A	57. DESCRIBE PROCESS OR UNIT: Calibrating Bath Oil Vapor Exhaust System.												58. TOTAL NUMBER OF SIMILAR PROCESSES OR UNITS: 9

CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER	FUEL TYPE	FLOW RATE (SCFM)	TEMP (°F)	PRESSURE DROP (IN. H ₂ O)	HORSE POWER	CONTAM'T CONTROL'D	EFFICIENCY (%)	HOW DET.	DISP. METH.	INITIAL COST (\$)	OPER. COST (\$)	DATE INSTALLED	USEFUL LIFE
59. 01	60. Stirling Motor	61. Oil	62. 1290	63. 70	64. 0.25	65. 3	66. 50	67. 95	68. 7	69. 9	70. -	71. -	72. /	73. /
74.	75.	76.	77.	78.	79.	80.	81.	82.	83.	84.	85.	86.	87. /	88. /

CALCULATIONS IN DETERMINING INPUT OR PRODUCTION RATE, EMISSION RATE POTENTIAL AND ACTUAL EMISSIONS:

S E C T I O N A	Inputs from bath oil in calibrating baths. Exhaust based on oil used, most of which is lost by "drag out". Used 1000 lbs. of calibrating oils during 1972. This is equal to 0.0 lbs./hr. assuming 1% is vaporized, this is equal to 0.00 lbs./hr. 9-1283											

CONTAMINANT	NAME	%	CODE	INPUT OR PRODUCTION	UNITS	ERP (LBS/HR)	HRS DAY	DAYS YR	PROPOSED RATING	ACTUAL EMISSIONS	UNITS	ACTUAL EMISSIONS (LBS/HR)	AGENCY USE ONLY		
													ENV. RATING	ALLOWABLE EMISSIONS	UNITS
S E C T I O N A	89. Aliphatic hydrocarbon (g)	90. 90	91. 550	92. < 0.1	93. 1	94. < 0.1	95. 8	96. 250	97. 7	98. < 0.1	99. 1	100. < 0.1	101. 0.1	102. 0.1	103. 1
	104. Isopropyl Alcohol (g)	105. 105	106. 570	107. 0.1	108. 1	109. < 0.1	110. 8	111. 250	112. 7	113. < 0.1	114. 1	115. < 0.1	116. 0.1	117. 0.1	118. 1
	119.	120.	121.	122.	123.	124.	125.	126.	127.	128.	129.	130.	131.	132.	133.
	134.	135.	136.	137.	138.	139.	140.	141.	142.	143.	144.	145.	146.	147.	148.
S E C T I O N A	149.	150.	151.	152.	153.	154.	155.	156.	157.	158.	159.	160.	161.	162.	163.
	164.	165.	166.	167.	168.	169.	170.	171.	172.	173.	174.	175.	176.	177.	178.

SOLID FUEL	TYPE	LBS/HR	%	OIL	TYPE	GPH	%	GAS	TYPE	CFH	BTU/CF	CONTROL EQUIPMENT		CONTROL EQUIPMENT		CONTROL EQUIPMENT		PROCESS CODE	APPLICABLE CODE(S)
												TYPE	NUMBER	TYPE	NUMBER	TYPE	NUMBER		
179.	180.	181.	182.	183.	184.	185.	186.	187.	188.	189.	190.	191.	192.	193.	194.	195.	196.	197.	198.

NOTES: 1. Plans must be submitted in triplicate with this application.
2. Any person knowingly making any false statement or false report in connection with this application shall be liable for penalties as prescribed by law.

AIR 1001 (7/73)

OP	LOCATION	FACILITY	EMISSION POINT
I			

COPIES
WHITE - ORIGINAL
GREEN - CENTRAL OFFICE
YELLOW - APPLICANT
PINK - DIH
CARDBOARD - REGIONAL OFFICE



AGENCY USE ONLY	
199. PROCESS CODE	200. RECORD ID.

For leak detection on D/P Instruments "Ty check" material containing a powder dispersed in alcohol and applied from an aerosol can.

S E C T I O N K	C O N T A M I N A N T			INPUT OR PRODUCTION	UNITS	E R P (LBS /HR)	HRS DAY	DAYS YR	ACTUAL EMISSIONS	UNITS	ACTUAL EMISSIONS (LBS /HR)
	NAME	%	CODE								
	231 Isopropyl Alcohol (g)	232 100	233. 570	234. 0.1	235. 1	236. < 0.1	237. 8	238. 250	239. < 0.1	240. 1	241. < 0.1
	242.	243.	244.	245.	246.	247.	248.	249.	250.	251.	252.
	253.	254.	255.	256.	257.	258.	259.	260.	261.	262.	263.
	264.	265.	266.	267.	268.	269.	270.	271.	272.	273.	274.
	275.	276.	277.	278.	279.	280.	281.	282.	283.	284.	285.
	286.	287.	288.	289.	290.	291.	292.	293.	294.	295.	296.

S E C. L	SOLID FUEL			OIL			GAS		
	TYPE	LBS/HR	%S	TYPE	G P H	%S	TYPE	C F H	BTU/CF
	297.	298.	299.	300.	301.	302.	303.	304.	305.

NOTES: 1. Plans must be submitted in triplicate with this application.

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

PROCESS, EXHAUST OR VENTILATION SYSTEM
UNIT OR PROCESS DATA

COPIES
WHITE - ORIGINAL
GREEN - CENTRAL OFFICE
YELLOW - APPLICANT
PINK - OIH
CARDBOARD - REGIONAL OFFICE



OP LOCATION FACILITY EMISSION POINT REC. I.D.
PLEASE PRINT OR TYPE 00088940006902

S E C H	196. EMISSION POINT ID.	197. DESCRIBE PROCESS OR UNIT:	198. TOTAL NO. OF SIMILAR PROCESSES OR UNITS:	AGENCY USE ONLY
	00069	Oil Vapor Calibrating Baths - Water - Exhaust System	9	199. PROCESS CODE 200. RECORD ID.

S E C I O N J	CONTROL TYPE	MANUFACTURER'S NAME AND MODEL NUMBER	FUEL TYPE	FLOW RATE (SCFM)	TEMP (°F)	PRESSURE DROP (IN. H ₂ O)	HORSE POWER	CONTAM'T CONTROL	EFFICIENCY (%)	HOW DET	DISP METH.	INITIAL COST (\$)	OPER. COST (\$)	DATE INSTALLED	USEFUL LIFE
	201.	202.	203.	204.	205.	206.	207.	208.	209.	210.	211.	212.	213.	214.	215.
	01	Stirling Blower		1290	70	0.75	3	550	95	9	9	e			
	216.	217.	218.	219.	220.	221.	222.	223.	224.	225.	226.	227.	228.	229.	230.

CALCULATIONS IN DETERMINING INPUT OR PRODUCTION RATE, EMISSION RATE POTENTIAL AND ACTUAL EMISSIONS:

Vapors from hot oil in calibrating baths
Estimate based on oil used, most of which is lost by "drag out"
used 1593 lbs of calibrating oils during 1972. This is equal to
0.8 lbs/hr Assuming 10% is vaporized, this is equal to 0.08^{lb}/hr
~~Exempt per Section 212.6 (b)~~

S E C T I O N K	CONTAMINANT			INPUT OR PRODUCTION	UNITS	ERP (LBS /HR)	HRS DAY	DAYS YR	ACTUAL EMISSIONS	UNITS	ACTUAL EMISSIONS (LBS /HR)
	NAME	%	CODE								
	231.	232.	233.	234.	235.	236.	237.	238.	239.	240.	241.
	Aliphatic hydrocarbon					<0.1	8	250	<0.1	1	<0.1
	242.	243.	244.	245.	246.	247.	248.	249.	250.	251.	252.
						<0.1	8	250	<0.1	1	<0.1
	253.	254.	255.	256.	257.	258.	259.	260.	261.	262.	263.
	264.	265.	266.	267.	268.	269.	270.	271.	272.	273.	274.
	275.	276.	277.	278.	279.	280.	281.	282.	283.	284.	285.
	286.	287.	288.	289.	290.	291.	292.	293.	294.	295.	296.

S E C L	SOLID FUEL			OIL			GAS		
	TYPE	LBS/HR	%S	TYPE	GPH	%S	TYPE	CFH	BTU/CF
	297.	298.	299.	300.	301.	302.	303.	304.	305.

NOTES: 1. Plans must be submitted in triplicate with this application.

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-X-1322

RUN DATE: 11/06/92

C 261400 0894 00069 W I02

LOCATION FAC EP UNIT

SOURCE NOT INOPERATION
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
DATA CHANGED

O W N E R		F A C I L I T Y		(11) CONFIDENTIAL STATUS	NON-CONFIDNTL
(1) TAYLOR INSTRUMENT PRO CONT DIV		(6) TAYLOR INST PROCESS CONTROL		(12) APPLICATION STATUS	IN COMPLIANCE
(2) 95 AMES ST		(7) 95 AMES ST		DATE OF LAST CHANGE	10/23/92
(3) ROCHESTER	(4) NY	(8) ROCHESTER	(9) 14601	(13) PRIOR CO ISSUE DATE	06/30/88
(5) 14601		(10) REP: ROBERT HALTON		(14) PRIOR CO EXPIRATION DATE	06/30/93

FACILITY EMIS-CLASS / PGM-CODE: A2

POINT EMIS-CLASS / PGM-CODE:

EMISSION	(41)UTM-E: 284.9 KM.	(42)STACK HEIGHT: 19 FT.	(43)EXIT VELOCITY: 33.00 FT/SEC	(44)SIC: 3821	(45)AGENCY-CODE-1:
POINT	(46)UTM-N: 780.8 KM.	(47)HT ABV STRUC: 20 FT.	(48)EXIT FLOW: 1290.00 ACFM	(49)CO FEE: \$50.00	(50)AGENCY-CODE-2:
00069	(51)GRND ELEV: 530 FT.	(52)STK DIAM: 11 IN.	(53)EXIT TEMP: 95 DEGR F	(54)CO CONDITIONS: 1	

UNIT I02	(55)HOURS/DAY: 8.0	(56)DAYS/YEAR: 250	(57)% OP BY SEASON: 25 25 25 25	(58)SOURCE CODE: A1407	QUENCHING
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PROCESS/UNIT (72)DESCRIPTION 1. CALIBRATING BATHS OIL VAPOR EXHAUST SYSTEM
DESCRIPTION

CONTROL	(73)TYPE: 001 FAN	(74)MFG: STIRLING BLOWER	(75)ID: 1	(76)DATE INSTALLED:
EQUIPMENT		(77)DISPOSAL METHOD: 09 OTHER		(78)USEFUL LIFE:

AIR CONTAMINANTS	CAS NUMBER	E M I S S I O N S			% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)	
		ACTUAL	UNIT	HOW DET			ACTUAL	10 ^x
ALIPHATIC HYDROCARB	(085) NY550-00-0	(087) .100	(088) 01	(089) 09	(091)	(092) .001	(093) 2.000	(094) 0

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-X-1323
RUN DATE: 11/06/92

C 261400 0894 00069 W I
LOCATION FAC EP

SOURCE NOT INOPERATION
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
DATA CHANGED

O W N E R		F A C I L I T Y		(11) CONFIDENTIAL STATUS	NON-CONFIDNTL
(1) TAYLOR INSTRUMENT PRO CONT DIV		(6) TAYLOR INST PROCESS CONTROL		(12) APPLICATION STATUS	IN COMPLIANCE
(2) 95 AMES ST		(7) 95 AMES ST		DATE OF LAST CHANGE	10/23/92
(3) ROCHESTER	(4) NY	(8) ROCHESTER	(9) 14601	(13) PRIOR CO ISSUE DATE	06/30/88
(5) 14601		(10) REP: ROBERT HALTON		(14) PRIOR CO EXPIRATION DATE	06/30/93

PAGE 2
CONTINUED FROM PREVIOUS PAGE

FACILITY EMIS-CLASS / PGM-CODE: A2

POINT EMIS-CLASS / PGM-CODE:

EMISSION	(41)UTM-E: 284.9 KM.	(42)STACK HEIGHT: 19 FT.	(43)EXIT VELOCITY: 33.00 FT/SEC	(44)SIC: 3821	(45)AGENCY-CODE-1:
POINT	(46)UTM-N: 780.8 KM.	(47)HT ABV STRUC: 20 FT.	(48)EXIT FLOW: 1290.00 ACFM	(49)CO FEE: \$50.00	(50)AGENCY-CODE-2:
00069	(51)GRND ELEV: 530 FT.	(52)STK DIAM: 11 IN.	(53)EXIT TEMP: 95 DEGR F	(54)CO CONDITIONS: 1	
UNIT I	(55)HOURS/DAY: 8.0	(56)DAYS/YEAR: 250	(57)% OP BY SEASON: 25 25 25 25	(58)SOURCE CODE: A0000	
	(59)BLDG: W-54	(60)FLOOR NAME: FLOOR 1- DEPT. 344	(61)RULE 1: 212.00	(62)RULE 2:	

AIR CONTAMINANTS	CAS NUMBER	ENV RATING	E M I S S I O N S				% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)		
			ACTUAL	UNIT	HOW DET	PERMISSIBLE			ACTUAL	10x	PERMISSIBLE
ALIPHATIC HYDROCARB	(085) NY550-00-0	(086) D	(087) .100	(088) 01	(089) 09	(090) .100	(091)	(092) .100	(093) 200.000	(094) 0	(095) 20.000
TRICHLOROETHYLENE	(096) 00079-01-6	(097) B	(098) .100	(099) 94	(100) 09	(101) .100	(102)	(103) .001	(104) 2.000	(105) 0	(106) 2.000

GENERAL CONDITIONS

1. SHOULD SIGNIFICANT NEW SCIENTIFIC EVIDENCE FROM A RECOGNIZED INSTITUTION RESULT IN A DECISION BY DEC THAT LOWER AMBIENT POLLUTION LEVELS MUST BE ESTABLISHED, IT MAY BE NECESSARY TO REDUCE EMISSIONS FROM THIS SOURCE PRIOR TO THE EXPIRATION OF THIS CERTIFICATE TO OPERATE.

(15)PRIOR COMMENTS (16)BY KENNEDY (17)DATE 07/01/83	(18)CURRENT COMMENTS (19)BY (20)DATE / /	(27)LAST INSPECTION DATE / /
1. OPERATING AT TIME OF INSPECTION	1. _____	(21)INSPECTION STATUS 7
2. PROCESS EQ. SAT.	2. _____	(22)DATE OF NEXT ACTION / /
3. _____	3. _____	
4. NO VISUAL EMISSIONS	4. _____	
5. _____	5. _____	

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-X-1324
RUN DATE: 11/06/92

C 261400 0894 00069 W I

LOCATION FAC EP

T O X I C I T Y A N A L Y S I S

O W N E R		F A C I L I T Y		(11) CONFIDENTIAL STATUS	NON-CONFIDNTL
(1) TAYLOR INSTRUMENT PRO CONT DIV		(6) TAYLOR INST PROCESS CONTROL		(12) APPLICATION STATUS	IN COMPLIANCE
(2) 95 AMES ST		(7) 95 AMES ST		DATE OF LAST CHANGE	10/23/92
(3) ROCHESTER	(4) NY	(8) ROCHESTER	(9) 14601	(13) PRIOR CO ISSUE DATE	06/30/88
(5) 14601		(10) REP: ROBERT HALTON		(14) PRIOR CO EXPIRATION DATE	06/30/93

EMISSION (41)UTM-E: 284.9 KM. (42)STACK HEIGHT: 19 FT. (43)EXIT VELOCITY: 33.00 FT/SEC RATIO STK HT / BLDG HT: 19.00
POINT (46)UTM-N: 780.8 KM. (47)HT ABV STRUC: 20 FT. (48)EXIT FLOW: 1290.00 ACFM PLUME RISE: 4.11 FT.
00069 (51)GRND ELEV: 530 FT. (52)STK DIAM: 11 IN. (53)EXIT TEMP: 95 DEGR F EFFECTIVE STACK HEIGHT: 23.11 FT.

AIR CONTAMINANTS	CAS NUMBER	E M I S S I O N S			% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	A A L D A T A (UG/M3)			MAX CALC AMB LEVEL	REMARKS
		ACTUAL	UNIT	PERMISSIBLE			AAL	TOXIC LVL	SOURCE		
ALIPHATIC HYDROCARB	(085) NY550-00-0	(087) .100	(088) 01	(090) .100	(091)	(092) .100					
TRICHLOROETHYLENE	(096) 00079-01-6	(098) .100	(099) 94	(101) .100	(102)	(103) .001	.45	MODERATE		.004	

END OF TOXICITY ANALYSIS

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-R-0135
RUN DATE: 04/18/88

C 261400 0894 00069 W I

LOCATION FAC EP

CERTIFICATE TO OPERATE AN AIR CONTAMINATION SOURCE
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
RENEWAL APPLICATION

OWNER (1) TAYLOR INSTRUMENT PRO CONT DIV (2) 95 AMES ST (3) ROCHESTER (4) NY (5) 14601	FACILITY (6) TAYLOR INST PROCESS CONTROL (7) 95 AMES ST (8) ROCHESTER (9) 14601 (10) REP: ROBERT HALTON	(11) CONFIDENTIAL STATUS NON-CONFIDENTIAL (12) APPLICATION STATUS IN COMPLIANCE DATE OF LAST CHANGE 04/07/88 PRIOR CO ISSUE DATE 06/30/83 PRIOR CO EXPIRATION DATE 06/30/88
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PAGE 2
CONTINUED FROM PREVIOUS PAGE

FACILITY EMIS-CLASS / PGM-CODE: A2

POINT EMIS-CLASS / PGM-CODE:

EMISSION POINT	(41)UTM-E: 284.9 KM.	(42)STACK HEIGHT: 19 FT.	(43)EXIT VELOCITY: 33.00 FT/SEC	(44)SIC: 3821	(45)AGENCY-CODE-1:
	(46)UTM-N: 780.8 KM.	(47)HT ABV STRUC: 20 FT.	(48)EXIT FLOW: 1290.00 ACFM	(49)CO FEE: \$50.00	(50)AGENCY-CODE-2:
	(51)GRND ELEV: 530 FT.	(52)STK DIAM: 11 IN.	(53)EXIT TEMP: 95 DEGR F	(54)CO CONDITIONS: 1	
UNIT I	(55)HOURS/DAY: 8.0	(56)DAYS/YEAR: 250	(57)% OP BY SEASON: 25 25 25 25	(58)SOURCE CODE: A0000	
	(59)BLDG: 30 W-54	(60)FLOOR NAME: FLOOR 1 DEPT 164-344	(61)RULE 1: 212.00	(62)RULE 2:	

AIR CONTAMINANTS	CAS NUMBER	ENV RATING	E M I S S I O N S				% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)		
			ACTUAL	UNIT	HOW DET	PERMISSIBLE			ACTUAL	10*	PERMISSIBLE
ALIPHATIC HYDROCARB	(085) NY550-00-0	(086) D	(087) .100	(088) 01	(089) 09	(090) .100	(091)	(092) .100	(093) 200.000	(094) 0	(095) 20.000
TRICHLOROETHYLENE	(096) 00079-01-6	(097) B	(098) .100	(099) 94	(100) 09	(101) .100	(102)	(103) .001	(104) 2.000	(105) 0	(106) 2.000

(15)PRIOR COMMENTS (16)BY KENNEDY (17)DATE 07/01/83 1. OPERATING AT TIME OF INSPECTION 2. PROCESS EQ. SAT. 3. 4. NO VISUAL EMISSIONS 5.	(18)CURRENT COMMENTS (19)BY _____ (20)DATE ____/____/____ 1. _____ 2. _____ 3. _____ 4. _____ 5. _____	(27)LAST INSPECTION DATE 03/04/88 (21)INSPECTION STATUS 5 (22)DATE OF NEXT ACTION 1/1 (23)ISSUE DATE 06/30/88 (24)EXPIRATION DATE 06/30/93 (25)CO FEE 50
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FIRM REP'S SIGNATURE: _____ DATE: _____ ISSUING OFFICER'S SIGNATURE: _____ DATE: _____

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SEQNC NO: 8-R-0134
RUN DATE: 04/18/88

C 261400 0894 00069 W I02

LOCATION FAC EP UNIT

CERTIFICATE TO OPERATE AN AIR CONTAMINATION SOURCE
PROCESS, EXHAUST OR VENTILATION SYSTEM UNIT
RENEWAL APPLICATION

O W N E R		F A C I L I T Y		(11) CONFIDENTIAL STATUS	NON-CONFIDNT
(1) TAYLOR INSTRUMENT PRO CONT DIV		(6) TAYLOR INST PROCESS CONTROL		(12) APPLICATION STATUS	IN COMPLIANC
(2) 95 AMES ST		(7) 95 AMES ST		DATE OF LAST CHANGE	04/07/88
(3) ROCHESTER	(4) NY	(8) ROCHESTER	(9) 14601	PRIOR CO ISSUE DATE	06/30/83
(5) 14601		(10) REP: ROBERT HALTON		PRIOR CO EXPIRATION DATE	06/30/88

FACILITY EMIS-CLASS / PGM-CODE: A2

POINT EMIS-CLASS / PGM-CODE:

EMISSION	(41)UTM-E: 284.9 KM.	(42)STACK HEIGHT: 19 FT.	(43)EXIT VELOCITY: 33.00 FT/SEC	(44)SIC: 3821	(45)AGENCY-CODE-1:
POINT	(46)UTM-N: 780.8 KM.	(47)HT ABV STRUC: 20 FT.	(48)EXIT FLOW: 1290.00 ACFM	(49)CO FEE: \$50.00	(50)AGENCY-CODE-2:
00069	(51)GRND ELEV: 530 FT.	(52)STK DIAM: 11 IN.	(53)EXIT TEMP: 95 DEGR F	(54)CO CONDITIONS: 1	

UNIT I02	(55)HOURS/DAY: 8.0	(56)DAYS/YEAR: 250	(57)% OP BY SEASON: 25 25 25 25	(58)SOURCE CODE: A1407	QUENCHING
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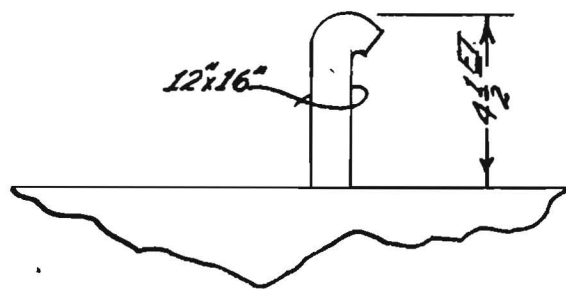
PROCESS/UNIT (72)DESCRIPTION 1. CALIBRATING BATHS OIL VAPOR EXHAUST SYSTEM
DESCRIPTION

CONTROL	(73)TYPE: 001 FAN	(74)MFG: STIRLING BLOWER	(75)ID: 1	(76)DATE INSTALLED:
EQUIPMENT		(77)DISPOSAL METHOD: 09 OTHER		(78)USEFUL LIFE:

AIR CONTAMINANTS	CAS NUMBER	E M I S S I O N S			% CONTROL EFFICIENCY	HRLY ACTUAL LBS/HOUR	ANNUAL EMISSIONS (LBS/YEAR)	
		ACTUAL	UNIT	HOW DET			ACTUAL	10x
ALIPHATIC HYDROCARB	(085) NY550-00-0	(087) .100	(088) 01	(089) 09	(091)	(092) .001	(093) 2.000	(094) 0
Trichloroethylene	00079-01-6		94	09		.061	2	0

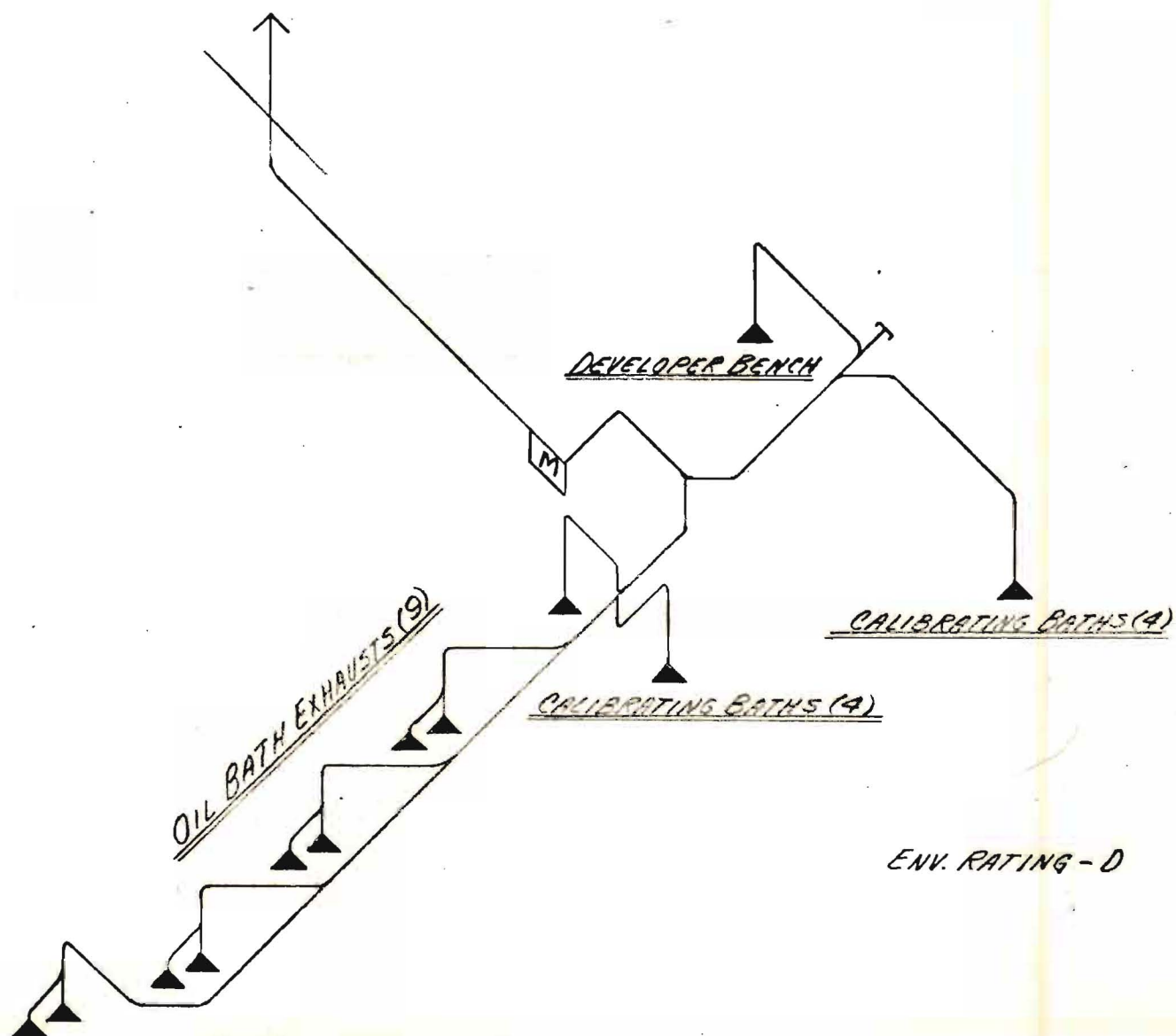
E.P. NO.	0	0	0	6	9
DWN.	8-21-73 J. PIECH				
REV.	_____				

DEPT. 164 BLDG. 30



BLOWER - STIRLING

MOTOR - G.E. 3HP.



ENV. RATING - D