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## STATE OF CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION

PAGES 2 THROU					
UKIC	;INAL	104	PREMISE NO. 7	рейміт но. 0073	STACK NO. 28
EQUIPMENT CLASSIFICATION	PROCESS MFG. OTHER			7/15/94	EXPIRATION DATE (NONE UNLESS NOTED)
PERMIT TO :	OPERATE	0îher	*;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;		
PREMISE TYPE :	PREMISE W/ POTENTIAL EMISSIONS > 100 TPY WITHOUT PERMIT (1.e., EPA-"MAJOR SOL	EN اـــــا ۱۳	EMISE W/ POTEN IISSIONS <u>&gt;</u> 100 T TH PERMIT 8., EPA-"MAJOR	TPY L EMISSIC (i.e., El	E W/ POTENTIAL DNS < 100 TPY PA-"MINOR SOURCE")
TYPE OF POLLUTANT FOR WHICH A PREMISE IS A "MAJOR SOURCE" :	↓ □ so 2 □ NO ×	т Д 50 Д но			
	CO TSP VOC PM-16	X cg X tsf X voc			
	OTHER	OTHER _			
TYPE OF MODIFICATION :	MAJOR MODIFICATION	Анн	OR HODIFICATION	NEV	V SIYING
TYPE OF SOURCE :		ACTUAL EMISSIONS REMISE WITH CONT	.≥ 160 TPY OR F Rols, potential	FOR A Emissions > 100 Th	(Y9
		ACTUAL EMISSIONS ) FOR A PREMISE POTENTIAL EMISS ) FOR A PREMISE MAXIMUM UNCONT	WITHOUT CONTROL IONS_≥ 100 TPY, WITH CONTROLS,	ls, , or	
	B SOURCE	NSPS S	OURCE		SOURCE
EQUIPMENT DESCRIPTION BINKS MODEL NPB-12-7-T	-LH WATERWASH	DESIGN S	SPRAY BO	OTH & EQU	UI PMENT
LOCATION OF EQUIPMENT (No. & Street, Town, ZIP) BUILDING 220, AIRCRAFT	ROAD, MIDDLET	rown, con	INECT I CU	JT 06457	
FIRM NAME PRATT & WHITNEY					

BUREAU OF AIR MANAGEMENT - PERMITS

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	DEPARTM	STATE T OF ENVIRO	OF CONNER INMENTAL 1		₽A	GE OF8
ST CONTRACTOR	ORIO	SINAL	town no. 1 () 4	PREMISE NO. 7	PËRMIT NO. 0073	stack no. 2 8
EQUIPMENT CLASSIFICATION		ROCESS MFG.	;R		( 15/94	XPIRATION DATE NONE UNLESS NOTED)
THE FOLLOWING SHALL BE CO PERMIT LETTER, AND WITH AL						
EQUIPMENT DESCRIPTI	ION (I.D.):			-7-T-LH WA' ) & ELECTR		ESIGN SPRAY ATED OVEN
PART A. <u>OPE</u> I	RATING CONE	DITIONS.				
Allowable VOC						
Allowable TSI	P Emission	Rates: 0.5	9 #/hr, 0	.59 #/day,	and 0.11	tons/year
NOTE: Permits shall i	s #104-0072 not exceed	these allo	nd -0074 wable emi	combined Ve ssion rate	OC and TS s for VOC	P emissions and TSP.
Particulate (	Control Equ	ipment: Wa	t e rwa s h			
Spray Gun Cle Minimum Stacl	-	Ste	el Pro Wa	sh or equi	Graco St valent	ainless
Minimum Dista	ance From S	tack To Ne	arest Pro	perty Line	: 1600 fe	et
Exhaust Gas 1 capacity):			ow rate a	t maximum	rated	
PART B. <u>COA</u>	FING USAGE	CONDITIONS	-			
Usage of a control the Maximum A air pollutant hazardous ait is restricted	Allowable S t. So that r pollutant	tack Conce the Actua does not	ntration 1 Stack C	(MASC) for oncentrati	a certai on (ASC)	n hazardous for this
PMC 1873 SI	kybond 703	Polyimide	Resin			
Allowable	range of pa	int to thi	nner rati	os: 0.5:1	to 1.5:1	
Allowable X = portion	n of paint	in paint t	o thinner	ratio, fr	om 0.5 to	5.1.5.
RECORDS INDICATING CONTIN FOR THE DURATION OF THIS		LL ABOVE CONDITIONS I	MUST BE KEPT ON SIT	E AT ALL TIMES AND MA	ADE AVAILABLE UPON	I DEPARTMENTAL REQUEST
FIRM NAMERATT & WH						
LOCATION OF EQUIPMENT (No. & BUILDING 2	Street, Town, Zlp) 20, AIRCRAI	FT ROAD, MI				1
APPLICANT'S SIGNATURE	Auc any		COMMIS	Signer on his repres		
PERMIT IS	INVALID UNLESS SIGNE	BY APPLICANT, SUCH	SIGNATURE CONSTITUT	ING AGREEMENT TO THE	CONDITIONS IN THIS	F PERMIT.

S. W.	DEPARTNA	STATE ( OF ENVIRO)	OF CONNEM		N	PAGE OF	8
	ORI	GINAL	TOWN NO: 104	PREMISE NO. 7	PERMIT NO.	3 STACK NO	8
EQUIPMENT CLASSIFICATION		OCESS NFG.			date issued 7/15/94	EXPIRATION DATE (NONE UNLESS N	OTED)
THE FOLLOWING SHALL BE PERMIT LETTER, AND WITH	CONSTRUCTED/OPERATED I ALL APPLICABLE SECTIONS	N ACCORDANCE WITH THE OF THE CONNECTICUT "/	E SPECIFICATIONS LI Administrative regi	STED IN THE PERMI JLATIONS" FOR THE	T APPLICATION, WITH T ABATEMENT OF AIR P	THE TERMS OF THE OLLUTION."	<u>(;;;;;)</u>
EQUIPMENT DESCRIP	TION (I.D.):	BINKS MODE BOOTH, SPE					
PART B. <u>COA</u>	ATING USAGE	CONDITIONS,	, continu	ed:			
The use of o this permit, violate any rates listed	, however un condition o	der no circ f this perm	nit, spec	s shall ifically	the use of the allow	any coa	ting
The coatings permit appl shall not ex Material Sat	ication. Th aceed those	e chemical concentrati	compound ions indi	concent: cated in	rations ir	n the coa	d tings
based on the within the f	to be exceed e worst case	ed over any assumption f each shift	y one hou n that al ft. Any	r period 1 painti: coating 1	. These l ng will ta nay be usa	limits an ake place ed during	re g each
PART C. <u>OP</u> I	ERATING COND	ITIONS					
gun(s), spra	shall compl s and recomm ay booth, sp his equipmen	endations s ray cleane:	set by th	e manufa	cturers of	f the spi	ind al ay
The waterwas operational	sh is an int at all time	egral part s that the	of the s spray eq	pray boo uipment	th and sha is in use	all be fu	111y
such a mann	torage and d in accordan er as to kee nosphere to	ce with al p the evap	l applica oration o	ble DEP f such c	regulation	ns and ir	n
RECORDS INDICATING CON FOR THE DURATION OF TH	TINUAL COMPLIANCE WITH A IS PERMIT.	ll above conditions m	ust be kept on sit	'E AT ALL TIMES AN	D MADE AVAILABLE UI	PON DEPARTMENTAL	. REQUEST
FIRM NAME PRATT & WI	HITNEY		**************************************				
LOCATION OF EQUIPMENT (No. BUILDING	& Street, Town, Zip) 220, AIRCRAF	T ROAD, MI	DDLETOWN,	CONNECT	ICUT 064	57	
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S# M	DEPAR	Than T	STATI OF ENVIR	e of con onmenta			۲.	PAGE	OF8
a million of					,			r	
	CRIG	RIGI	NAL	town no 1 C		émise no. 7	PERMIT NO.		stack no. 28
							ATE ISSUED		
EQUIPMENT CLASSIFICAT		PROCI	ess MFG. Oth	IËR			7/15/94	(NONE	TION DATE UNLESS NOTED)
THE FOLLOWING SHAI PERMIT LETTER, AND EQUIPMENT DESC	WITH ALL APPLICABL	E SECTIONS OF	THE CONNECTION	"ADMINISTRATIVE	REGULATIO	NS" FOR THE A	ABATEMENT OF AIR	POLLUTION	
							RICALLY		
PART D.	PREMISE C	ONDITI	DNS						
preceedin	eous meta nds per c g limits ovisions	l parts alendas are exc of Sect	s and pro r month ceeded, tion 22a	oducts c and 10 t this pre -174-20(	oatir ons p mise s) of	ig oper ber yea shall the R	ations a r. If a become s egulatio	re l nd wl ubje ns o:	imited to hen the ct to all f
To show c made on a metal par	monthly	and yea	arly bas	is for a	ition 11 pr	is, cal emise	culation wide mis	s sha cella	all be aneous
PART E.	PERMIT CC	NDITION	NS.						
lb/hr emi	ping of c VOC emiss hission li ssion lin bunds of V	ion lin mit sha hit, sin	nitation all also nce the "	s. Proc be proc worst ca	f of f of se ho	compli compli ourly e	ance wit ance wit mission	h th h th rate	e 10 e 10 would be
#104-0072	ned VOC e 2, -0073, limitatic	and -0	074 shal	1 not ex	ceed	the ab	ove ment	ione	d VOC
PART F.	RECORDKER	PING R	EQUIREME	NTS.					
Records s this Depa informati	hall be k rtment up on:	ept on oon req	site at uest and	all tin shall (	nes, s onta:	shall b in the	e made a followin	vail g	able to
emitt	ngs used ed on a c continual complete	laily, 1	nonthly	and year	ly ba	isis.			
FOR THE DURATION							<u></u>		<u>.</u>
FIRM PRATT & V									
LOCATION OF EQUIPMENT BUILDING	1 (No. & Street, Tow 220, AIRC	RAFT R	DAD, MID	DLETOWN	CON	VECTICU	JT 06457		

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-ACU-48 NEW 8/90

AN AN	DEPARTM	STATE ( 1 OF ENVIRON	OF CONNEC IMENTAL B		PA	.GE <u>5</u> OF <u>8</u>		
2262	ORIGI		TOWN NO.	PREMISE NO.	PËRMIT NO.	IO. STACK NO.		
- met D			104	7	0073	28		
EQUIPMENT CLASSIFICATION		OCESS MFG. OTHER		DA1	E ISSUED 7/15/94	XPIRATION DATE NONE UNLESS NOTED)		
	CONSTRUCTED/OPERATED I ALL APPLICABLE SECTIONS							
EQUIPMENT DESCRIP	TION (I.D.):	BINKS MODE BOOTH, SPR				ESIGN SPRAY ATED OVEN		
PART F. RE	CORDKEEPING	REQUIREMENT	<u>S</u> , contin	nued:				
VOC con	tion of each tent, conten atile conten	t of each i	ndividual	l hazardou	s air pol	lutant,		
stack c These c	tions demons oncentration alculations permit.	s for each	hazardous	air poll	utant emi	tted.		
conduct coating	er miscellan ed on this p s used and a on a monthl	remise and mount of co	not spect nsumption	ified unde 1 for each	r this pe	rmit, the		
coating and shall be ba determined previous 11 Calculation made on a d calculation	, purchasing solvent use sed on any c by adding th months. Th s to show co aily basis. s shall be m laneous meta	d shall be onsecutive e current m is calculat mpliance wi To show co ade on a mo	kept on a 12 month onth's VG ion shal th the po mpliance nthly and	site. Ann period an OC emissio be made bund per d with the d yearly b	ual VOC e d shall b ns to tha on a mont ay limit premise c asis for	missions e t of the hly basis. shall be onditions,		
PART G. HA	ZARDOUS AIR	POLLUTANT N	ASC COMPI	IANCE				
Coatings, d future, eit	iluents, or her for prod	cleaners us uction or o	ed by th natria	is source 1 basis, w	now or in hich cont/	the ain		
RECORDS INDICATING CON FOR THE DURATION OF TH	ITINUAL COMPLIANCE WITH A	LL ABOVE CONDITIONS MU	st be kept on site	E AT ALL TIMES AND M	ADE AVALABLE UPON	DEPARTMENTAL REQUEST		
FIRM NAME PRATT & WHI								
LOCATION OF EQUIPMENT (No. BUILDING 22	& Street, Town, Zip) 0, AIRCRAFT	ROAD, MIDDI	ETOWN, CO	ONNECT I CUT	06457			
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					- -		

	DEPARTM	STA		7 CONNEC IENTAL I		И	PAGE OF
DE CARE AND ST	0	RIGINA		τόψη no. 1 Ο 4	PREMISE NO. 7	PERMIT NO.	7 3 STACK NO. 7 3 2 8
EQUIPMENT CLASSIFICATION		PROCESS NFG.	OTHER	1455	n (	DATE ISSUED 7/15/94	EXPIRATION DATE (NONE UNLESS NOTED)
THE FOLLOWING SHALL BE PERMIT LETTER, AND WITH							
EQUIPMENT DESCRIP	TION (I.D.):						DESIGN SPRAY HEATED OVEN
PART G. HAZ	ARDOUS A	IR POLLUAN	<u>MAS</u>	C COMPL	(ANCE, c)	ontinued	
hazardous ai 22a-174-29 c	r pollut of the Re	ants (HAP) gulations,	that are	are rep allowed	gulated provided	under Sect d that:	; i o n
from the the maxi	use of :	any such co wable stacl	oatin	g, dilu	ent, or (	cleaner da	tants emitted ) not exceed g the
MASC = 2	2788.84 x	HLV;					
	HLV = H	aximum allo azard Limi constant U	ting ]	Value (1	ag∕m³) (∶	8-hour)	g∕m³)
(8-hour)	), as lis	ted in Sec	tion	22a - 174	-29 of t	he Regulat	oonding HLV tions, and on age 1 of this
HAP's co applicat which ca 10 /acfm	ontent in tion rate an be con n/60/0.02	concentra the coatin (gal/hr) a verted to 832). The 's emitted	ng (a as a ag/m³ ASC	s appli worst c: (ug/m <sup>3</sup>	ed 1b HA ase. Th = pph x	P/gal) and is gives a 453 x	the maximum an ASC in pph
b. the sour which is and -007	the com	not exceed bined VOC	the emiss	10.00 1 ions fr	b/hr lim om Permi	it for <u>to</u> ts #104-00	<u>tal</u> VOC's 072, -0073,
RECORDS INDICATING CONTINUAL COMPLIANCE WITH ALL ABOVE CONDITIONS MUST BE KEPT ON SITE AT ALL TIMES AND MADE AVAILABLE UPON DEPARTMENTAL REQUEST FOR THE DURATION OF THIS PERMIT.							
FIRM PRATT & WHIT		······					
BUILDING 22(	, AIRCRA	FT ROAD, M	IDDLE	TOWN, C	ONNECTIC	UT 06457	<b>1</b>

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22 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0	RIGINAL	тойн но. 104	přemise no. 7	PERMIT NO. 0073	stack no. 28
EQUIPMENT CLASSIFICAT		PROCESS MFG.	отнея			HRATION DATE NE UNLESS NOTED)
PERMIT LETTER, AND	WITH ALL APPLICABL	E SECTIONS OF THE CONNEC	WITH THE SPECIFICATIONS L CTICUT "ADMINISTRATIVE REG			
EQUIPMENT DESC	RIPTION (I.D.		MODEL NPB-12 SPRAY GUN(S			
PART G.	HAZARDOUS	AIR POLLUTA	NT MASC COMP	LIANCE, co	ntinued	
			vise constitu e Regulation		ication, a	s defined
	ermittee ical data		s of all coa	tings used	, and MSDS	's or
compl chang Air M	lance wit es, to th	h permit lim e Department , Permit Sec	port of any lits, within of Environm tion, 5th Fl	thirty (30 ental Prot	) days of ection, Bu	such reau of
			pounds, for plicable emi			
RECORDS INDICATING FOR THE DURATION (		NCE WITH ALL ABOVE COND!	tions must be kept on si	E AT ALL TIMES AND M	ADE AVAILABLE UPON DI	EPARTMENTAL REQUEST
FIRM NAME PRATT & W						
LOCATION OF EQUIPMENT BUILDING	(No. & Street, Town 220, AIRC	RAFT ROAD, M	IIDDLETOWN, C	ONNECTICUT	06457	
			Kar #1			

BUREAU OF AIR MANAGEMENT - PERMITS



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## ORIGINAL<sup>able</sup> \_\_\_\_ Allowable emissions

OPERATING MODE ID: PAINT SPRAY BOOTH AND

Contraction of the second s		ACCOMPANYING EQUIPMENT			PREMISE NO. 7	PERMIT NO. 0073	STACK NO. 28			
_ CRITERIA POLLU	TANTS	_LB/HOUR ***	_LB/DAY***				<b>TPY</b> ***			
TSP *		0.59	0.59				0.11			
SO <sub>X</sub> , ex	cpressed as SO2	<u>.</u>	<u></u>	·····	<del></del>	· · · · · · · · · · · · · · · · · · ·				
NO <sub>X</sub> , e>	opressed as NO2				<u></u>		Var			
HC **		10.00	10.00				1.83			
00										
Pb					<del></del>	<del></del>				
PM-10 NON-CRITERIA	POLLUTANTS			*****						
H <sub>2</sub> SO <sub>4</sub>							<u>_, _, _, _, _, _, _, _, _, _</u>			
		<u> </u>		<u></u>						
	·				·····	<u>.                                    </u>				
			·····			· · · · · · · · · · · · · · · · · · ·				
COMMENTS : *Ba	COMMENTS: *Based on maximum spray gun throughput, highest TSP density, transfer efficiency and coating overspray efficiency.									
* * =	Based on compiled m	<u>naterial usade for</u>	coatings.							
<u>***Permits #104-0072, -0073, and -0074 combined emissions for TSP and VOC shall not</u> exceed the listed lb/hr, lb/day, and TPY limits.										
PRATT & WHITNEY										
LOCATION OF EQUIPMENT BUIDLING 220, A	(No. & Street, Town, Zip) A IRCRAFT ROAD, MIDD	LETOWN, CONNECTIC	UT 06457							