STATE OF CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION



PAGES 2 THROUGH 4 ARE HEREBY INCORPORATED BY REFERENCE INTO THIS PERMIT

The state of the s		189	PREMISE NO. 027	0075	1 3 2
EQUIPMENT CLASSIFICATION X FUEL BURNING INCINERATOR	PROCESS MFG. OTHER			27/92	EXPIRATION DATE (NONE UNLESS NOTED)
PERMIT TO : CONSTRUCT	X OPERATE	OTHER FINA	AL PERMIT	ro oper/	ATE
PREMISE TYPE :	X PREMISE W/ POTENTIAL EMISSIONS ≥ 100 TPY WITHOUT PERMIT (i.e., EPA-"MAJOR SOU	WIT WIT	EMISE W/ POTENTIAL SSIONS ≥ 100 TPY H PERMIT ., EPA"MAJOR SOURC	EMISSION (i.e., EPA	W/ POTENTIAL S < 100 TPY "MINOR SOURCE")
TYPE OF POLLUTANT FOR WHICH A PREMISE IS A "MAJOR SOURCE" :	$X so_2$ $X so_x$	↓ so₂			
	co tsp voc PM-18	co Tsp voc	10		
	OTHER	OTHER			
TYPE OF MODIFICATION:	MAJOR MODIFICATION	X	OR MODIFICATION	NEW :	SITING
TYPE OF SOURCE:		CTUAL EMISSIONS - FOR A PREMISE W POTENTIAL EMISSION FOR A PREMISE W	C 100 TPY, AND; STHOUT CONTROLS, DNS_> 100 TPY, OR		
	B SOURCE	NSPS S	OURCE	NESHAPS	SOURCE
SOUTH CHERRY STREET, WA	ALLINGFORD, COM	NECT I CUT	Γ 06492		
FIRM NAME AMERICAN CYANAMID COMPA	NY				



TOWN NO.	PREMISE NO.	PERMIT NO.	STACK NO.
189	027	0075	132

EQUIPMENT CLASSIFICATION	DATE ISSU	(NONE UNLESS NOTED)
X FUEL BURNING INCINERATOR PROCESS MFG. OTHER	5/27	/92
THE FOLLOWING SHALL BE CONSTRUCTED/OPERATED IN ACCORDANCE WITH THE SPECIFICATIONS LIST PERMIT LETTER, AND WITH ALL APPLICABLE SECTIONS OF THE CONNECTICUT "ADMINISTRATIVE REGUL	IONS" FOR THE ABATEMEN	T OF AIR POLLUTION."
EQUIPMENT DESCRIPTION (I.D.): KOHLER DIESEL EMER ROZD 1500 KW, MODE		
MAXIMUM FIRING RATE: 106 gal/hr (14.6 MM B)	U/hr)	
TYPE FUEL: Kerosene: Not to exceed 0.1% su (dry basis)	lfur content	by weight
MINIMUM STACK HEIGHT: 12' above grade		
MINIMUM STACK DISTANCE TO NEAREST PROPERTY I	INE: 82'	
EXHAUST GAS FLOW RATE: 14980 ACFM		
PERMIT CONDITIONS:		
OPERATING HOURS & FUEL USAGE: must not exce 63,000 gal/yr content		yr and/or e at 0.1% sulfur
Annual operating hours and fuel consumption consecutive 12 month period and shall be det month's fuel usage and operating hours to the months. These calculations shall be made or available for inspection by this Department must install a fuel metering device to continualess it has it's own separate fuel tank.	ermined by a at of the pr a monthly b upon request	adding the current revious 11 pasis and made t. This generator
NOISE:		
At all times, operation of this facility shas on as not to violate or contribute significating state noise control regulations under Section 4 of Connecticut Department of Environment Noise Regulations.	ntly to the ction 22a-69	violation of 9-1 through
RECORDS INDICATING CONTINUAL COMPLIANCE WITH ALL ABOVE CONDITIONS MUST BE KEPT ON SITE FOR THE DURATION OF THIS PERMIT.	T ALL TIMES AND MADE AV	AILABLE UPON DEPARTMENTAL REQUEST
AMERICAN CYANAMID COMPANY		
OCATION OF EQUIPMENT (No. & Street, Town, Zip) SOUTH CHERRY STREET, WALLINGFORD, CONNECT I		
APPLICANT'S SIGNATURE	NEW OR HIS REPRESENTATION	VE



DEPARTMENT OF ENVIRONMENTAL PROTECTION

PAGE	3		4		
		OF			

PERMIT NO. PREMISE NO. STACK NO. TOWN NO. 189 027 0075 132 EQUIPMENT CLASSIFICATION DATE ISSUED EXPIRATION DATE (NONE UNLESS NOTED) INCINERATOR X FUEL BURNING PROCESS MFG. OTHER 5/27/**9**2 THE FOLLOWING SHALL BE CONSTRUCTED/OPERATED IN ACCORDANCE WITH THE SPECIFICATIONS LISTED IN THE PERMIT APPLICATION, WITH THE TERMS OF THE PERMIT LETTER, AND WITH ALL APPLICABLE SECTIONS OF THE CONNECTICUT "ADMINISTRATIVE REGULATIONS" FOR THE ABATEMENT OF AIR POLLUTION." EQUIPMENT DESCRIPTION (I.D.): KOHLER DIESEL EMERGENCY STANDBY GENERATOR ROZD 1500 KW, MODEL #9163-7416 (continued) PERMIT CONDITIONS: NOTE: Records indicating continual compliance with all above conditions must be kept on site at all times and made available upon the Department's request for the duration of this permit. 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 NAMERICAN CYANAMID COMPANY STREET, WALLINGFORD, CONNECTICUT 06492



OPERATING MODE ID: EMISSIONS FROM ALL

	FIRED GENERATOR		TOWN NO.	PREMISE NO.	PERMIT NO.	STACK NO.
			189	027	0075	132
CRITERIA POLLUTANTS	LB/HOUR	LB/MM BTU*	* ASC (ug/			<u>TPY</u>
TSP	1.20	0.085**			······································	0.36
SO _x , expressed as SO ₂	1.41	0_10	*************************************			0.42
NO _X , expressed as NO ₂	49.5	3.51	<u></u>	***************************************	·	<u>14.9</u>
HC	3.38	0.24		·····		1.0
co	10.9	0.778	<u></u>	***************************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	3.2
Pb	4.4E-04	3.E-05				<u>1.3E</u> _04
PM-10 NON-CRITERIA POLLUTANTS			· · · · · · · · · · · · · · · · · · ·			
H ₂ SO ₄			<u>463</u>	7		0.171

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COMMENTS: Operating hours and *Allowable Stack Co **Result of stack te	ncentration	exceed 600 h	rs/yr an	d/or 63,60	00 gal/yr.	
			······································			
RICAN CYANAMID COMPANY						
ATION OF EQUIPMENT (No. & Street, Town, Z JTH CHERRY STREET, WALLINGFOR	Tp) D, CONNECTICUT 0649	92				
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