

**REGISTRATION CERTIFICATE**  
EPAC-10 REV. 7-73



STATE OF CONNECTICUT  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**



STACK NO. 00981001501

EQUIPMENT CLASSIFICATION				REGISTRATION NO.
<input checked="" type="checkbox"/> FUEL BURNING	<input type="checkbox"/> INCINERATOR	<input type="checkbox"/> PROCESS MFG.	<input type="checkbox"/> AIR POLLUTION CONTROL	00980016
FIRM NAME				DATE ISSUED
UNIVERSITY OF CONNECTICUT PHYSICAL PLANT				12/19/74
LOCATION OF EQUIPMENT (No. & Street, Town, Zip)				
U-38 STORRS, CONNECTICUT				
COMMISSIONER OR HIS REPRESENTATIVE				

DEPARTMENT OF ENVIRONMENTAL PROTECTION

**FUEL BURNING EQUIPMENT REGISTRATION**

EP-4 NEW 5-72

STATE OF CONNECTICUT

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

1. APPLICATION NO. <b>1</b>	2. STACK NO. <b>N.E.</b>
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3. FIRM <b>University of Connecticut</b>	LEGAL NAME	BUSINESS ADDRESS (No. & Street, City, Zip Code) <b>U-38 Storrs, Connecticut 06268</b>	PHONE <b>486-3064</b>
4. DIVISION <b>Physical Plant</b>			
5. APPLICANT <b>University Chief of Utilities</b>			
6. INSTALLATION			
7. EQUIPMENT BEING REGISTERED <b>Boiler</b>	TYPE OF EQUIPMENT (e.g., Boiler)	AIR POLLUTION CONTROL EQUIPMENT USED (If "Yes," file form EP-7) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

8. MAJOR ACTIVITY OF FIRM

MFG.  
 OFFICE  
 RETAIL OR WHLSE. STORE  
 SCHOOL OR CHURCH  
 HOTEL/MOTEL  
 HOSPITAL OR LAB.  
 WAREHOUSE  
 RESIDENCE OR APTS.  
 OTHER (Specify)

9. TYPES OF FUELS USED	FUEL	GRADES (x)	SULFUR CONTENT	ASH CONTENT	ANNUAL USAGE (Tons, Gals. or Cu. Ft.)	MAXIMUM FIRING RATE		SEASONAL USE			FUEL SUPPLIER		
						(Lbs., Gals., Cu. Ft./hr.)	(BTU/hr.)	Month	to	Month	Name	City or Town	
COAL <input type="checkbox"/>	Bituminous		. %	. %									
		Anthracite		. %	. %								
	OIL <input checked="" type="checkbox"/>	Kerosene		. %	. %								
		2		. %	. %	SEE ATTACHED	575						
		4	X 0.05	%	. %	SEE ATTACHED	660 GALS/HR	SEE ATTACHED				SEE ATTACHED	
		5		. %	. %								
6	X 0.05	%	. %	ATTACHED	660 GALS/HR								
NAT. GAS <input type="checkbox"/>													
OTHER <input type="checkbox"/>													

10. BURNER EQUIPMENT

ARE OIL HEATERS USED?  YES  NO

OIL TEMPERATURE BEFORE INJECTION: **varies with oil used** °F

BURNER MANUFACTURER: **Peabody Engineering Corporation**

BURNER MODEL No.: **ABSA**

11. TYPE OF COAL BURNER

HAND FIRED  
 UNDERFEED STOKER  
 TRAVELING GRATE  
 CHAIN GRATE  
 SPREADER STOKER  
 STOKER WITH GAS REINJECTION  
 CYCLONE FURNACE  
 PULVERIZED COAL  
 OTHER (Specify)

12. TYPE OF OIL BURNER

PRESSURE OR GUN  
 ROTARY CUP  
 STEAM ATOMIZER  
 AIR ATOMIZER  
 TANGENTIALLY FIRED  
 OTHER (Specify)

13. COMBUSTION

OVERFIRE AIR CONTROL:  YES  NO

TYPE OF TIME SWITCHED:  TIME SWITCHED  SMOKE INDICATOR  MANUAL  OTHER (Specify)

TYPE OF DRAFT:  FORCED  INDUCED  NATURAL

14. POLLUTANTS EMITTED	MATERIAL	RATE OF EMISSIONS (Tons/Yr.)	METHOD USED TO DETERMINE EMISSIONS	15. EQUIPMENT INFORMATION	BREACHING GAS TEMPERATURE (°F)		No. OF IDENTICAL UNITS
					approx.	350° F	
	SEE ATTACHED						3
					DATE SOURCE STARTED UP		
					1960 - 1963 - 1967		
					EXHAUST GAS FLOW RATE (ACFM):	NORMAL SEE ATTACHED	MAXIMUM FLOW RATE (ACFM) 154,212
					OPERATING HOURS:	HOURS PER DAY SEE ATTACHED	HOURS PER YEAR

16. STACK INFORMATION

STACK EXIT DIRECTION:  HORIZ.  VERT.

STACK EXIT DIMENSIONS: I.D. **7' 0"** in. OR \_\_\_\_\_ in. X \_\_\_\_\_ in.

STACK HEIGHT (Feet): **153' 6"**

IS STACK EQUIPPED WITH RAIN HAT?  YES  NO

SMOKE INDICATOR IN STACK:  YES  NO

MAKE AND MODEL NO.: **SEE ATTACHED**

STACK LINING:  METAL  REFRACTORY  OTHER (Specify)

17. STACK LOCATION

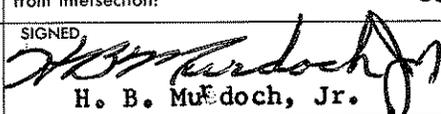
Name of nearest intersecting street: **Hillside and Glenbrook Roads**

Distance to stack from intersection: **850 FT.**

DIRECTION TO STACK: (Circle one) **N, NE, E, SE, S, SW, W, [NW]**

18. CERTIFICATION

I certify that I have examined the above information and that to the best of my knowledge it is true and complete. (Signature subjects signer to provisions of the General Statutes regarding false and misleading statements).

SIGNED:   
**H. B. Murdoch, Jr.**

TITLE: **University Chief of Utilities**

DATE: **12/12/74**

MAIN FILE

