

REGISTRATION CERTIFICATE
EPAC-10 REV. 7-73

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



STACK NO. 02131000248

EQUIPMENT CLASSIFICATION

FUEL BURNING

INCINERATOR

PROCESS MFG.

AIR POLLUTION CONTROL

REGISTRATION NO.
02130059

DATE ISSUED
12/05/73

FIRM NAME

HAMILTON STANDARD

LOCATION OF EQUIPMENT (No. & Street, Town, Zip)
WINDSOR LOCKS CT 06096

COMMISSIONER OR HIS REPRESENTATIVE

DEPARTMENT OF ENVIRONMENTAL PROTECTION

FUEL BURNING EQUIPMENT REGISTRATION

STATE OF CONNECTICUT

2/3-0058

EP-4 R
TO: #

-72

21302

1. APPLICATION NO. **HS1-48**
2. STACK NO. **506**

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

LEGAL NAME		BUSINESS ADDRESS (No. & Street, City, Zip Code)		PHONE
3. FIRM	United Aircraft Corporation	400 Main Street, East Hartford, Ct. 06108		565-4321
4. DIVISION	Hamilton Standard	Windsor Locks, Ct. 06096		623-1621
5. APPLICANT	Richard Ryan, Plant Engineer	Hamilton Standard, Windsor Locks, Ct. 06096		623-1621
6. INSTALLATION				623-1621
7. EQUIPMENT BEING REGISTERED	TYPE OF EQUIPMENT (e.g., boiler)	AIR POLLUTION CONTROL EQUIPMENT USED (If "Yes," file form EP-7)		
	PACKAGE AUTOMATIC STEAM GENERATOR	<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 ARTS. 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., or 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	. %	. %								
			4	X .47 %	.02 %	229,000	149	20.9x10 ⁶				GENERAL OIL	E. HARTFORD
			5	. %	. %								
			6	. %	. %								
NAT. GAS <input checked="" type="checkbox"/>	Not Used												
OTHER <input type="checkbox"/>													

10. BURNER EQUIPMENT

ARE OIL HEATERS USED? YES NO

OIL TEMPERATURE BEFORE INJECTION: **70** °F

BURNER MANUFACTURER: **CLEAVER BROOKS**

BURNER MODEL No.: **CB-760-500**

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: TIME SWITCHED SMOKE INDICATOR MANUAL OTHER (Specify)

TYPE OF DRAFT: FORCED INDUCED NATURAL

14. POLLUTANTS EMITTED	MATERIAL	RATE OF EMISSIONS (Lb. (Tons)/Yr.)	METHOD USED TO DETERMINE EMISSIONS	15. EQUIPMENT INFORMATION	BREACHING GAS TEMPERATURE (°F)		No. OF IDENTICAL UNITS
					NORMAL	MAXIMUM	
CO HYDROCARBONS NOx 30x PARTICULATES		460	EPA TABLE 10 1972 FACTORS		350		
		915			DATE SOURCE STARTED UP: OCT 1966		
		16,500			EXHAUST GAS FLOW RATE (ACFM):	6450	7550
		18,500			OPERATING HOURS:	HOURS PER DAY: 24	HOURS PER YEAR: 1800
	2,700						

16. STACK INFORMATION

STACK EXIT DIRECTION: HORIZ. VERT.

STACK EXIT DIMENSIONS: I.D. **24** in. OR _____ in. X _____ in.

STACK HEIGHT (Feet): **36**

IS STACK EQUIPPED WITH RAIN HAT? YES NO

SMOKE INDICATOR IN STACK: YES NO

MAKE AND MODEL NO.:

STACK LINING: METAL REFRACTORY OTHER (Specify)

17. STACK LOCATION

Name of nearest intersecting street: **ROUTE 20 & HAMILTON ROAD**

Distance to stack from intersection: **900** 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: **E. V. Marshall**

TITLE: **Division Executive Vice President**

DATE: **9-29**

MAIN FILE

PLEASE DO NOT WRITE IN THIS SPACE

DATE RCV'D FROM APPLICANT: 1/11/72 2760072

DATE REVIEWED 1/11/72 BY [Signature]

DATE COPY SENT TO LOCAL AGENCY 1/1 BY [Signature]

REGISTRATION NUMBER 213-59X

PREMISE NO. 213-02

STACK NO. 48

STATE GRID CO-ORDINATES

X

Y

REGISTRATION CARD SENT

DATE 1/11/72

BY [Signature]

STORED ON COMPUTER

X = 617,420

Y = 395,950

Z = 120

(from Plot Plan)

EMERGENCY STANDBY PLANS

PLAN REQUIRED YES NO

DATE PLAN - MANUAL SENT TO APPLICANT 1/11/72 BY [Signature]

DATE FORM RETURNED 1/11/72 BY [Signature]

DATE PLAN APPROVED 1/11/72

MAP NO. 42 X [Signature] Y [Signature]

AOCR NO. 42

NEEDS COUNTY NO. 0425

TOWN NO. 1540

SIC NO. 2810

PROCESS CODE 2810

SOC I.D. 1 U.S.M. [Signature]

Pollution Control Device	Part	HS	NO.	Description
Primary	X			
Secondary		X		

When known only

ROUTE 20 HAWTHORNE ROAD