

REGISTRATION CERTIFICATE
EPAC-10 REV. 7-73



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



STACK NO. 02131000256

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	02130094
FIRM NAME				DATE ISSUED
UNITED TECHNOLOGIES CORP. HAMILTON STANDARD DIV.				5/20/76
LOCATION OF EQUIPMENT (No. & Street, Town, Zip)				
WINDSOR LOCKS, CONN.				
COMMISSIONER OR HIS REPRESENTATIVE				

DEPARTMENT OF ENVIRONMENTAL PROTECTION
Jet Engine P&WA ST6-L-73 D-Test Cell

FUEL BURNING EQUIPMENT REGISTRATION

EP-4 NEW 5-72

STATE OF CONNECTICUT

213-0094
213-02

NJ 3801

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

1. APPLICATION NO. HS-1-58	2. STACK NO. 687
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3. FIRM	LEGAL NAME	BUSINESS ADDRESS (No. & Street, City, Zip Code)	PHONE
	United Technologies Corporation	Hartford, Conn. 06101	728-7000
4. DIVISION	Hamilton Standard Division	Windsor Locks, Conn. 06096	623-1621
5. APPLICANT	Richard Ryan, Plant Engineer	Windsor Locks, Conn. 06096	623-1621
6. INSTALLATION	Windsor Locks, Conn.		

7. EQUIPMENT BEING REGISTERED	TYPE OF EQUIPMENT (e.g., Boiler)	AIR POLLUTION CONTROL EQUIPMENT USED (If "Yes," file form EP-7)
	Jet Engine P&WA ST6-L-73 D-Test Cell	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

8. MAJOR ACTIVITY OF FIRM	<input checked="" type="checkbox"/> MFG. <input type="checkbox"/> OFFICE <input type="checkbox"/> RETAIL OR WHLSE. STORE <input type="checkbox"/> SCHOOL OR CHURCH <input type="checkbox"/> HOTEL/MOTEL <input type="checkbox"/> HOSPITAL OR LAB. <input type="checkbox"/> WAREHOUSE <input type="checkbox"/> RESIDENCE OR APTS. <input type="checkbox"/> OTHER (Specify)
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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 type="checkbox"/>	Kerosene	. %	. %									
		2	. %	. %									
		4	. %	. %									
		5	. %	. %									
NAT. GAS <input type="checkbox"/>													
OTHER <input checked="" type="checkbox"/>	Jet Fuel-A	0.015	Nil	47,000	62 Gals./Hr.						Exxon Co.	Springfield, Ma.	

10. BURNER EQUIPMENT	ARE OIL HEATERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	OIL TEMPERATURE BEFORE INJECTION: NA °F	BURNER MANUFACTURER: P&WA Jet Engine	BURNER MODEL No.
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11. TYPE OF COAL BURNER	<input type="checkbox"/> HAND FIRED <input type="checkbox"/> UNDERFEED STOKER <input type="checkbox"/> TRAVELING GRATE <input type="checkbox"/> CHAIN GRATE <input type="checkbox"/> SPREADER STOKER <input type="checkbox"/> STOKER WITH GAS REINJECTION <input type="checkbox"/> CYCLONE FURNACE <input type="checkbox"/> PULVERIZED COAL <input type="checkbox"/> OTHER (Specify)
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12. TYPE OF OIL BURNER	<input type="checkbox"/> PRESSURE OR GUN <input type="checkbox"/> ROTARY CUP <input type="checkbox"/> STEAM ATOMIZER <input type="checkbox"/> AIR ATOMIZER <input type="checkbox"/> TANGENTIALLY FIRED <input type="checkbox"/> OTHER (Specify)
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13. COMBUSTION	OVERFIRE AIR CONTROL: <input type="checkbox"/> YES <input type="checkbox"/> NO	TYPE OF DRAFT: <input checked="" type="checkbox"/> FORCED <input type="checkbox"/> INDUCED <input type="checkbox"/> NATURAL
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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
	Sulfur	.125	Calculation			300°
Carbon Dioxide	.125					
Carbon Monoxide	2.4					
Water Vapor						
Carbon Particles	1.14					

16. STACK INFORMATION	STACK EXIT DIRECTION: <input type="checkbox"/> HORIZ. <input checked="" type="checkbox"/> VERT.	STACK EXIT DIMENSIONS: I.D. _____ in. OR 33 Ft in. X 33 Ft in.	STACK HEIGHT (Feet): 47 Ft.	IS STACK EQUIPPED WITH RAIN HAT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	SMOKE INDICATOR IN STACK: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	MAKE AND MODEL NO.	STACK LINING: <input type="checkbox"/> METAL None <input type="checkbox"/> REFRACTORY <input checked="" type="checkbox"/> OTHER (Specify) Concrete	

17. STACK LOCATION	Name of nearest intersecting street: Route 20 & Hamilton Road	Distance to stack from intersection: 1000 FT.	DIRECTION TO STACK: (Circle one) N, NE, E, SE, S, SW, W, NW
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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: <i>Richard Ryan</i>	TITLE: Plant Engineer	DATE: 5-5-76
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MAIN FILE

PLEASE DO NOT WRITE IN THIS SPACE

DATE RCV'D FROM APPLICANT. 1/10/94

DATE REVIEWED 1/1/94 BY _____

DATE COPY SENT TO LOCAL AGENCY 1/2/94 BY _____

REGISTRATION NUMBER 213 - 94

PREMISE NO. 213-002

STACK NO. 56

STATE GRID CO-ORDINATES

X 617,000 617500

Y 398,000 395800

REGISTRATION CARD SENT 2-110

STORED ON COMPUTER

DATE 1/1/94 BY _____

EMERGENCY STANDBY PLANS

PLAN REQUIRED YES NO

DATE PLAN - MANUAL SENT TO APPLICANT 1/1/94 BY _____

DATE FORM RETURNED 1/1/94 BY _____

DATE PLAN APPROVED 1/1/94