

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



STATE OF CONNECTICUT  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**



Stack # 117-519-11

EQUIPMENT CLASSIFICATION				REGISTRATION NO.
<input type="checkbox"/> FUEL BURNING	<input type="checkbox"/> INCINERATOR	<input checked="" type="checkbox"/> PROCESS MFG.	<input type="checkbox"/> AIR POLLUTION CONTROL	117-1006
FIRM NAME				DATE ISSUED
Atlantic Richfield Company				03/05/1986
LOCATION OF EQUIPMENT (No. & Street, Town, Zip)				
280 Waterfront Street, New Haven, CT 06508				
COMMISSIONER OR HIS REPRESENTATIVE				

DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Petroleum Storage Tank # 14; 120' Dia X 48' High

PROCESS (MANUFACTURING) EQUIPMENT PERMIT APPLICATION

STATE OF CONNECTICUT

EPAC-23 NEW 6-74

1. APPLICATION NO. 2. STACK NO.

TO: Department of Environmental Protection, Air Quality Section, Rm. 138, State Office Bldg., Hartford, Conn. 06115. Tel. 566-8230

3. TYPE OF PERMIT: Check all that apply:  PERMIT TO CONSTRUCT  PERMIT TO OPERATE  REPLACEMENT  ADDITION  CHANGE OF ADDRESS  CHANGE OF OWNERSHIP  ALTERATION

4. FIRM: ARCO Petroleum Products Company, 515 S. Flower St., Los Angeles, CA, 90071, 213-494-3511  
 5. DIVISION: Atlantic Richfield Company, Distribution, 1500 Market St., Philadelphia, PA, 19101, 215-657-3350  
 6. APPLICANT: W. F. Robart, Terminal Superintendent, 280 Waterfront St., New Haven, CT, 06508, 203-467-6058  
 7. INSTALL. (shaded)

8. EQUIPMENT INFORMATION: TYPE OF EQUIPMENT (e.g., storage tank) AND PROCESS: Petroleum Storage Tank #14, 120' dia. X 48' H./To Be Constructed; New Floating Roof, Replacing Existing Cone Roof (STEEL) & Topside Foam Chamber. AIR POLLUTION CONTROL EQUIPMENT USED (If Yes file form EPAC-25.1):  YES  NO  
 ESTIMATE THE FOLLOWING DATES: START-UP OF CONSTRUCTION: N/A, COMPLETION OF CONSTRUCTION: N/A, START-UP OF SYSTEM: N/A

**PERMIT EXEMPTION**

EXHAUST GAS FLOW RATE (ACFM): MAXIMUM NORMAL. Breaching Gas Temp. (°F): IF APPLICABLE, PREVIOUS REGISTRATION NO. FOR THIS SOURCE: DATE 7/25/84

9. PROCESS WEIGHTS (Input, Raw Materials, Products, etc.): N/A  
 10. POLLUTANTS EMITTED: Gasoline Vapors, REID VAPOR PRESSURE 8 to 13 PSI, RATE OF EMISSIONS 0.92 T/Yr., METHOD USED TO DETERMINE EMISSIONS AP-42, CALCULATIONS ATTACHED

11. TYPES OF FUELS USED: N/A  
 FUEL: KEROSENE, FUEL OIL, NAT. GAS, OTHER. GRADE, SULFUR CONTENT, ASH CONTENT, ANNUAL USAGE, MAXIMUM FIRING RATE (lbs, gals, cu.ft./hr.), (BTU/lv.)

12. STORAGE AND PROCESS TANK INFORMATION: CAPACITY (Gallons) 4,030,000 Gallons. TYPE OF COVER:  CLOSED WITH VAPOR RECOVERY SYSTEM  CLOSED WITH VENT TO ATMOSPHERE  FLOATING ROOF  OTHER (Specify). MATERIAL BEING STORED: Presently Fuel Oil, Convert to Leaded Gas.  
 THROUGHOUT (Gal./Day or Gal./Yr.) 22,419,180 Gal./Yr. F.O. STORAGE TEMP. Ambient °F. ADDITIVES (Type and concentration) --  
 13. ADDITIONAL PROCESS AND EQUIPMENT INFORMATION: N/A. OPERATING HOURS, BATCH PROCESS, CONTINUOUS PROCESS, CHEMICAL REACTOR, TYPE (e.g. Batch, Tubular), VOLUME (Gal., Cu. ft.), FLOW RATE (Gal., Cu.ft./minute), PROCESS TEMP (°F), PROCESS PRESSURE

14. STACK INFORMATION: No. of sampling ports provided: Nearest distance from sampling port to stack outlet, bend or obstruction: DOWNSTREAM (ft.) UPSTREAM (ft.) LIST OTHER SOURCES VENTED TO STACK  
 STACK EXIT DIRECTION:  HORIZ.  VERT. STACK EXIT DIMENSIONS: I.D. in. OR in. X in. STACK HEIGHT (Feet) IS STACK EQUIPPED WITH RAIN HAT?  YES  NO STACK EXIT TEMP. Are you submitting documentation of stack emissions?  YES  NO  
 SMOKE INDICATOR IN STACK:  YES  NO MAKE AND MODEL NO. OF INDICATOR STACK LINING:  METAL  REFRACTORY  OTHER (Specify)

15. STACK LOCATION: Name of nearest intersecting street: Waterfront & Alabama Streets, New Haven, CT. Distance to stack from intersection: FT. DIRECTION TO STACK: (Circle one) N, NE, E, SE, S, SW, W, NW

16. 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 Connecticut Air Quality Control Act and its implementing statements). SIGNED: Michael Semanik, TITLE: Area Field Engineer, DATE: 5/1/84

117-519 - 1006 - 09