State of California
AIR RESOURCES BOARD

Executive Order G-70-116
Certification of Above Ground Tank
Balance Phase II
Vapor Recovery System

WHEREAS, the Air Resources Board (the "Board") has established, pursuant to Sections 39600, 39601, and 41954 of the Health and Safety Code, certification procedures for systems designed for the control of gasoline vapor emissions from motor vehicle fueling operations ("Phase II vapor recovery systems") in its "Certification Procedures for Gasoline Vapor Recovery Systems at Service Stations" as last amended December 4, 1981 (the "Certification Procedures"), incorporated by reference in Section 94001 of Title 17, California Administrative Code;

WHEREAS, the Board has established, pursuant to Sections 39600, 39601, and 41954 of the Health and Safety Code, test procedures for determining compliance of Phase II vapor recovery systems with emission standards in its "Test Procedures for Determining the Efficiency of Gasoline Vapor Recovery Systems at Service Stations" as last amended September 1, 1982 (the "Test Procedures"), incorporated by reference in Section 94000 of Title 17, California Administrative Code;

WHEREAS, Convault Inc. has applied for certification of the Convault Vaulted Above Ground Gasoline Tank for use with coaxial hose balance Phase II vapor recovery systems;

WHEREAS, Section VIII-A of the Certification Procedures provides that the Executive Officer shall issue an order of certification if he or she determines that a vapor recovery system conforms to all of the requirements set forth in Sections I through VII; and

WHEREAS, I find that the Convault Inc. Above Ground Gasoline Tank System, when used with the balance coaxial hose Phase II vapor recovery systems, conforms with all the requirements set forth in Sections I through VII of the Certification Procedures;

NOW THEREFORE, IT IS HEREBY ORDERED that the Convault Inc. Vaulted Above Ground Gasoline Tank is certified as shown in Exhibits 1 through 2. Certified components for the system are shown in Exhibit 2.

IT IS FURTHER ORDERED that where a balance type vapor recovery system is to be installed at a new installation only the balance type coaxial vapor recovery nozzles and coaxial hose configurations may be used.

IT IS FURTHER ORDERED that where a balance vapor recovery system is to be installed on an above ground gasoline tank, only the Convault Inc. Vaulted Above Ground Tank System may be used. Other above ground tanks must use Air Resources Board certified vapor assist systems which incorporate a vapor processor, until such time as another above ground system is approved.

IT IS FURTHER ORDERED that compliance with all applicable certification requirements and rules and regulations of the Division of Measurement Standards, the Office of the State Fire Marshal, and the Division of Occupational Safety and Health of the Department of Industrial Relations are made a condition of this certification.

IT IS FURTHER ORDERED that any alteration of the equipment, parts, design, or operation of the configurations certified hereby, is prohibited, and deemed inconsistent with this certification, unless such alteration has been approved by the undersigned or the Executive Officer's designee.

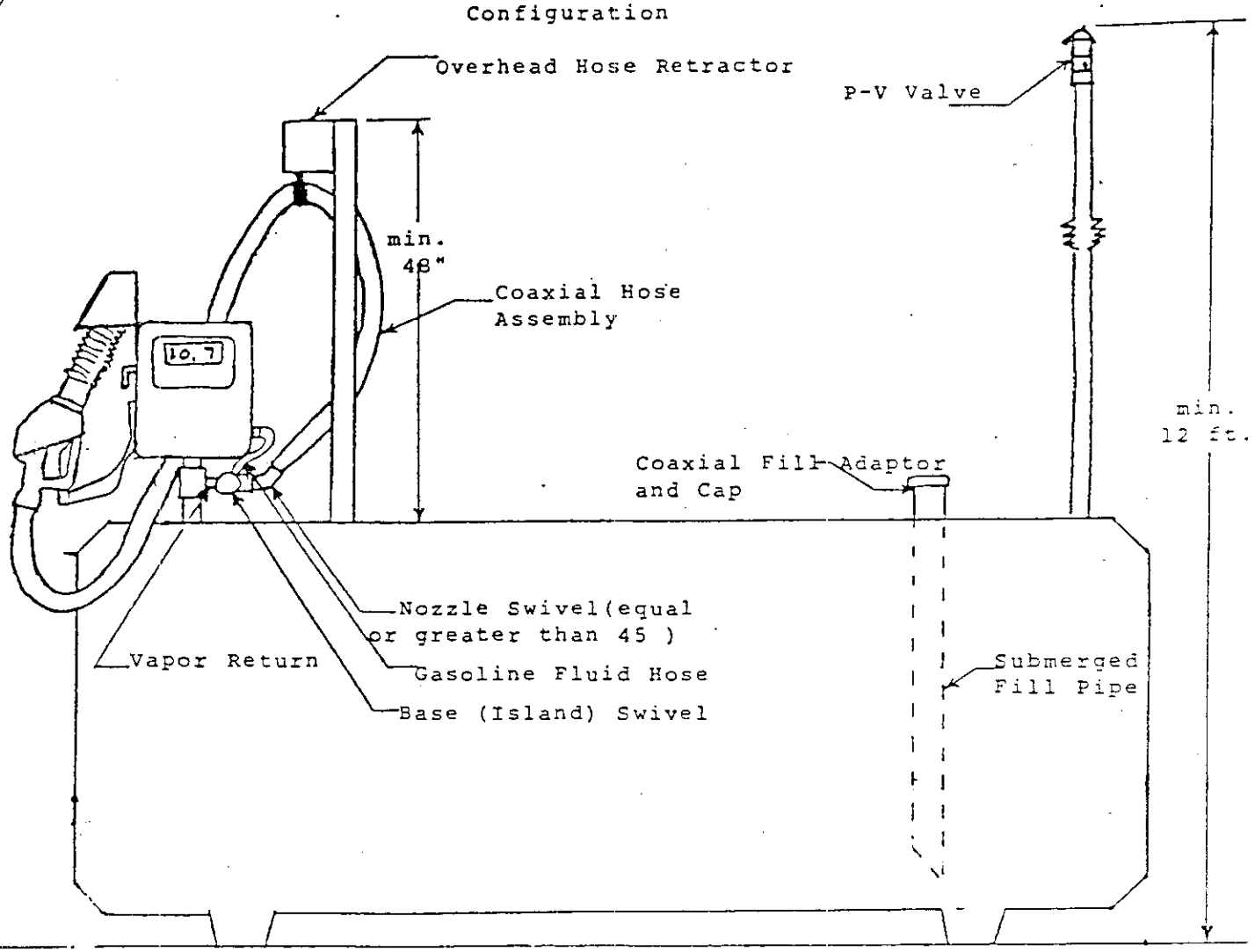
IT IS FURTHER ORDERED that the Convault Vaulted Above Ground Gasoline Tank is certified for non-commercial use only.

Executed at Sacramento, California this 27th day of October 1987.

James D. Boyd
Executive Officer

Exhibit I

Executive Order G-70-116
Convault Inc. Vaulted Above Ground Gasoline Tank
Configuration



NOTES:

1. Specific components are listed in Exhibit 2 of this Executive Order.

2. A flow limiter is required on all gasoline dispensers that have a maximum flowrate in excess of 10 gpm.

3. The Emco Wheaton Model A 4000 Series nozzles are permitted only when used in conjunction with approved vapor check valves.

4. The maximum hose length is 9 1/2 feet.

5. Drawing shows a 1000 gallon tank, 500 gallon tanks are approved with the same dimension requirement as shown.

6. If a remote dispenser (not located on top of tank) is used, the requirements of Executive Order G-70-52 AI, Exhibit 5 must be met. In addition, a vapor tight, local Fire Marshal approved liquid trap, installed at the low point in the vapor return piping must be installed. The trap must either include a pump to pump liquid back to the tank or must be easily accessible for liquid removal.

7. Requirements of Executive Order G-70-102 relating to Phase I components must be met, if applicable. The PV valve specified herein must be used.

EXHIBIT 2

Executive Order G-7--116
Convault Vaulted Above Ground Gasoline Vapor
Recovery Tank System Component List

Item	Manufacturer and Model	State Fire Marshal Identification Model
1. Vapor Recovery Nozzle	Emco Wheaton A3005	005:007:6
2. Coaxial Hose Assembly	Goodyear Maxxim	005:036:001
3. Overhead Hose Retractor	Red Jacket 884-022-5	
4. Nozzle Swivel	Emco Wheaton A 411D Emco Wheaton A 4113	005:007:12 005:007:13
5. Base (Island) Swivel	Emco Wheaton	005:007:13
6. Fill Cap	EBW 777-201	
7. Fill Adaptor	EBW 306-301	
8. Coaxial Drop Tube		
9. PV Valve	Hazlett HPVB-1	

NOTES 1. Other vapor recovery balance system components as identified in exhibits 2, 3, & 5 of Executive Order G-70-52 A1 may be substituted for the components listed above.