

**State of California  
AIR RESOURCES BOARD**

**Executive Order 6-70-144**

**Certification of Crisp Construction AGT Vault  
Aboveground Tank Filling/Dispensing  
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 displaced during the filling of storage tanks at service stations ("Phase I vapor recovery systems") and 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 Code of Regulations;

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 I and 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 Code of Regulations;

WHEREAS, Crisp Construction has applied for certification of its aboveground gasoline tank for balance Phase I and Phase II operation for single product tanks up to 4,000 gallons total capacity in the cylindrical design and 5,000 gallon total capacity in the rectangular design;

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 Crisp Construction AGT Vault aboveground tank vapor recovery systems, when used with ARB Certified Phase I and Phase II balance vapor recovery components, conforms with all the requirements set forth in Sections I through VII of the Certification Procedures;

NOW, THEREFORE, IT IS HEREBY ORDERED that this certification applies to the Crisp Construction AGT Vault aboveground gasoline tank vapor recovery systems. The systems certified hereby are shown in Exhibit 1, attached, for cylindrical tank configurations, and Exhibit 2, attached, for the rectangular tank configurations. Certified systems include single product tanks in the same geometric configuration and design shown and in sizes varying from 250 to 4,000 gallons total capacity for cylindrical tanks and from 250 to 5,000 gallons total capacity for rectangular tanks.

Use of Air Resources Board certified Phase I and Phase II vapor recovery components shall be a condition to certification. A listing of certified vapor recovery components incorporated by Crisp Construction in the AGT Vault tank vapor recovery system is given in Exhibit 3. attached. In the alternative, Air Resources Board certified Phase I components from Exhibits 1 through 3 of Executive Order G-70-97-A and certified balance system Phase II components from Executive Order G-70 series may be used.

IT IS FURTHER ORDERED that any emergency vent installed on the tanks be leak free at the operating pressure of the tank when tested in accordance with ARB Method 2-6, "Test Procedures for Gasoline Vapor Leak Detection Using Combustible Gas Detector" as last amended September 1, 1982 (the "Test Procedures"), incorporated by reference in Section 94007 of Title 17, California Code of Regulations.

IT IS FURTHER ORDERED that the threaded stem normally used with the Bobtail truck bulk delivery nozzle be replaced with an OPW 633-B coupler along with OPW 633-BA series coupler/adaptor(s) (or an equivalent arrangement that allows for no leakage of gasoline) to connect the Bobtail truck bulk delivery nozzle with the storage tank fill adaptor (or coaxial fill adaptor) during transfer of gasoline from the delivery truck to the storage tank.

IT IS FURTHER ORDERED that a minimum of 4 inches of proprietary insulating material be installed between the interior holding tank and the exterior containment tank of all storage tanks as shown in Exhibits 1 and 2.

IT IS FURTHER ORDERED that the general exterior of the storage tanks be painted white.

IT IS FURTHER ORDERED that compliance with the rules and regulations of the local air pollution control district with jurisdiction where the installed system is located, shall be made a condition of this certification.

IT IS FURTHER ORDERED that the tank and associated piping and other equipment not specifically listed as approved Phase I equipment in Exhibits 1 through 3 of Executive Order G-70-97-A nor specifically listed as approved Phase II equipment in Executive Order G-70 series shall comply with the rules and regulations of the local fire officials with jurisdiction where the installed system is located, and that the use of a PV valve shall require the prior approval of such local fire official.

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 shall be 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.

Executed this 24 day of September, 1992, at Sacramento, California.

*Michael J. N. Boyd*  
for James O. Boyd  
Executive Officer

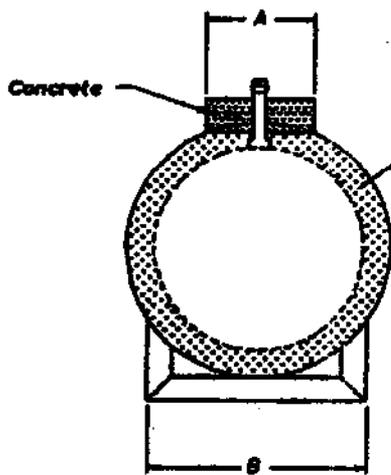
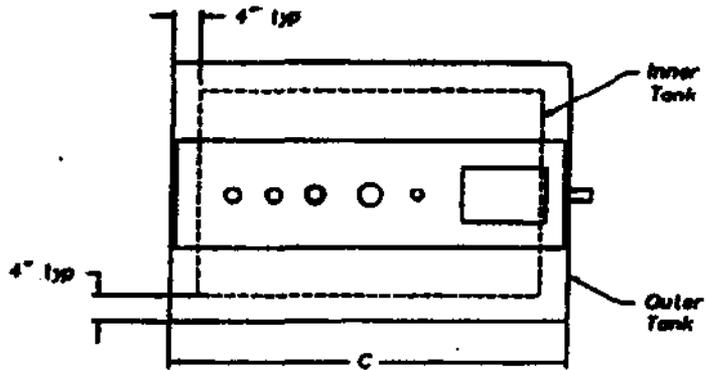
Exhibit 1

Executive Order E-70-144

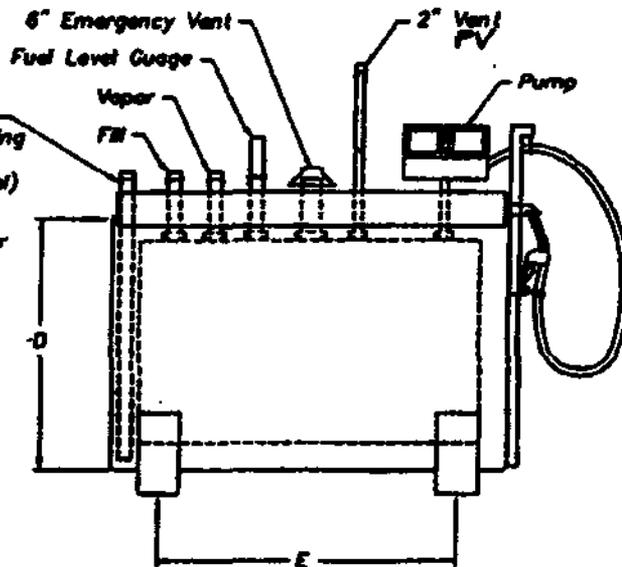
Crisp Construction AGT Vault Aboveground Gasoline  
Tank Filling/Dispensing Vapor Recovery System



GASOLINE STORAGE/DISPENSING UNIT



AGT Granular Fire Insulator



	A	B	C	D	E
250 gallons	24"	30"	72"	43"	84"
350 gallons	24"	42"	60"	54"	95"
520 gallons	24"	42"	84"	54"	63"
1,000 gallons	24"	42"	13'	54"	138"
1,500 gallons	24"	52"	13'	64"	138"
2,000 gallons	24"	63"	12'	75.5"	126"
2,500 gallons	24"	63"	14'	75.5"	150"
3,000 gallons	24"	43"	17'	75.5"	186"
4,000 gallons	24"	63"	23'	75.5"	258"

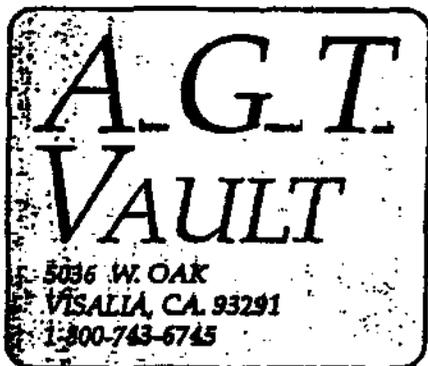
Notes:

A minimum of 4 inches of proprietary insulating material between the interior holding tank and the exterior containment tank.

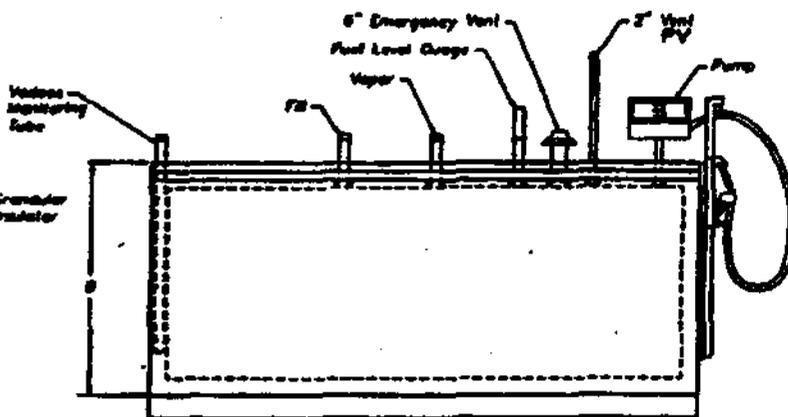
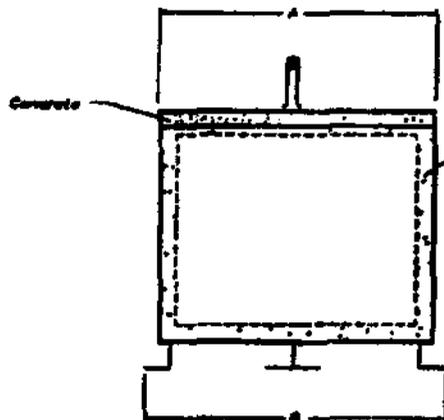
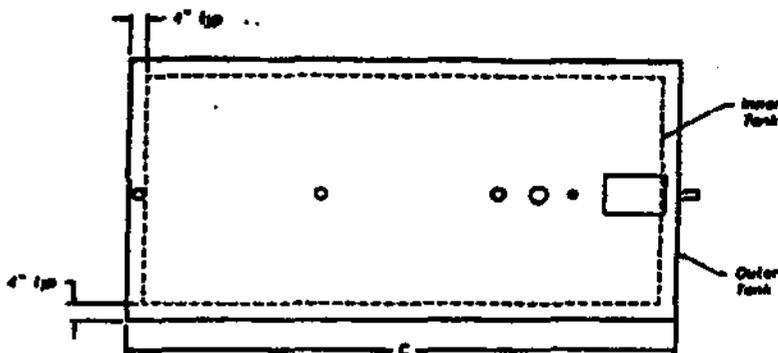
Exhibit 2

Executive Order 6-70-144

Crisp Construction AGT Vault Aboveground Gasoline Tank Filling/Dispensing Vapor Recovery System



GASOLINE STORAGE/DISPENSING UNIT



	A	B	C	D
250 gallons	38"	44"	56"	32"
500 gallons	38"	44"	104"	32"
1,000 gallons	80"	86"	80"	54"
2,000 gallons	80"	86"	152"	54"
4,000 gallons	83"	89"	201"	76"
5,000 gallons	83"	89"	249"	76"

Notes:

A minimum of 4 inches of proprietary insulating material between the interior holding tank and the exterior containment tank.

Exhibit 3

Executive Order G-70-144

Crisp Construction AGT Vault Aboveground Gasoline  
Tank Filling/Dispensing Vapor Recovery System

Incorporated Phase I Vapor Recovery Components

<u>Component</u>	<u>Manufacturer</u>	<u>Model</u>
Fill Tube	OPW	61-S0
Fill Adaptor	OPW	633
Fill Cap	OPW	634TT
Vapor Adaptor	OPW	1611AV
Vapor Cap	OPW	1711T
PV Vent Valve	Hazlett	H-PVB-1

Incorporated Phase II Vapor Recovery Components

<u>Component</u>	<u>Manufacturer</u>	<u>Model</u>
Nozzle	OPW	11VF
Hose Retractor	Red Jacket	030
Coaxial Hose	Gates	Kleanaire
Coaxial Hose Adaptor	OPW	38
Breakaway Fitting	Catlow	C200

Notes:

See Executive Order G-70-97-A (Exhibits 1, 2 & 3) for a listing of ARB certified Phase I two-point and coaxial vapor recovery equipment and components which may be used as an alternative to the equipment above.

See Executive Order G-70 series for ARB certified Phase II balance system vapor recovery equipment and components which may be used as an alternative to the equipment above.