

State of California  
AIR RESOURCES BOARD

Executive Order G-70-142

Certification of a Phase I Vapor Recovery System  
for Aboveground Gasoline Storage Tanks

This Executive Order shall apply to aboveground gasoline storage tanks with a capacity of 6,000 gallons or less which are filled by Bobtail truck delivery through a delivery hose that has a diameter of one and one-half inches or less at a delivery rate of 80 gallons per minute or less.

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") 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 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, the State Implementation Plan has been amended to require the Phase I retrofit of some previously exempted aboveground gasoline storage tanks and which tanks do not have fittings compatible with the Phase I equipment currently certified by Executive Order G-70-97-A;

WHEREAS, aboveground gasoline storage tanks with a capacity of 6,000 gallons or less are generally filled by Bobtail truck delivery through a delivery hose that has a diameter of one and one-half inches or less at a delivery rate of 80 gallons per minute or less;

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 the systems described in Exhibits 1 and 2 attached hereto conform 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 aboveground gasoline storage tanks with a capacity of 6,000 gallons or less which are filled by Bobtail truck delivery through a delivery hose with a diameter of one and one-half inches or less at a delivery rate of 80 gallons per minute or less. The systems certified hereby are shown in Exhibits 1 and 2 attached.

IT IS FURTHER ORDERED that the threaded stem normally used with the Bobtail truck bulk delivery nozzle be replaced with a coupler (OPW 633-B or equivalent) to connect the Bobtail truck bulk delivery nozzle with the storage tank fill adaptor (OPW 633-A or equivalent) during transfer of gasoline from the delivery truck to the storage tank and that the fill adaptor be sealed with a dust cap (OPW 634-B or equivalent) when not in use.

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.

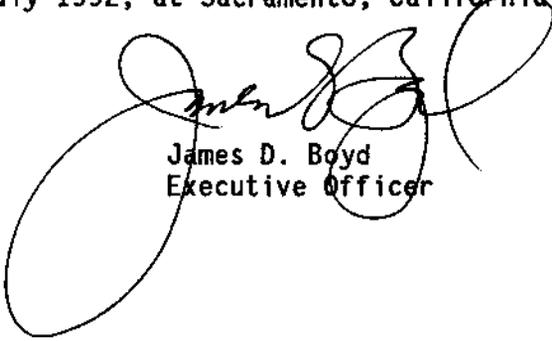
IT IS FURTHER ORDERED that the tank and associated piping and other equipment not specifically listed as approved Phase I equipment in Exhibits 1 through 3 of Executive Order G-70-97-A shall comply with the rules and regulations of the local fire officials with jurisdiction where the installed system 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 all equipment and fittings 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, incorporated by reference in Section 94007 of Title 17, California Code of Regulations.

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 29<sup>th</sup> day of July 1992, at Sacramento, California.

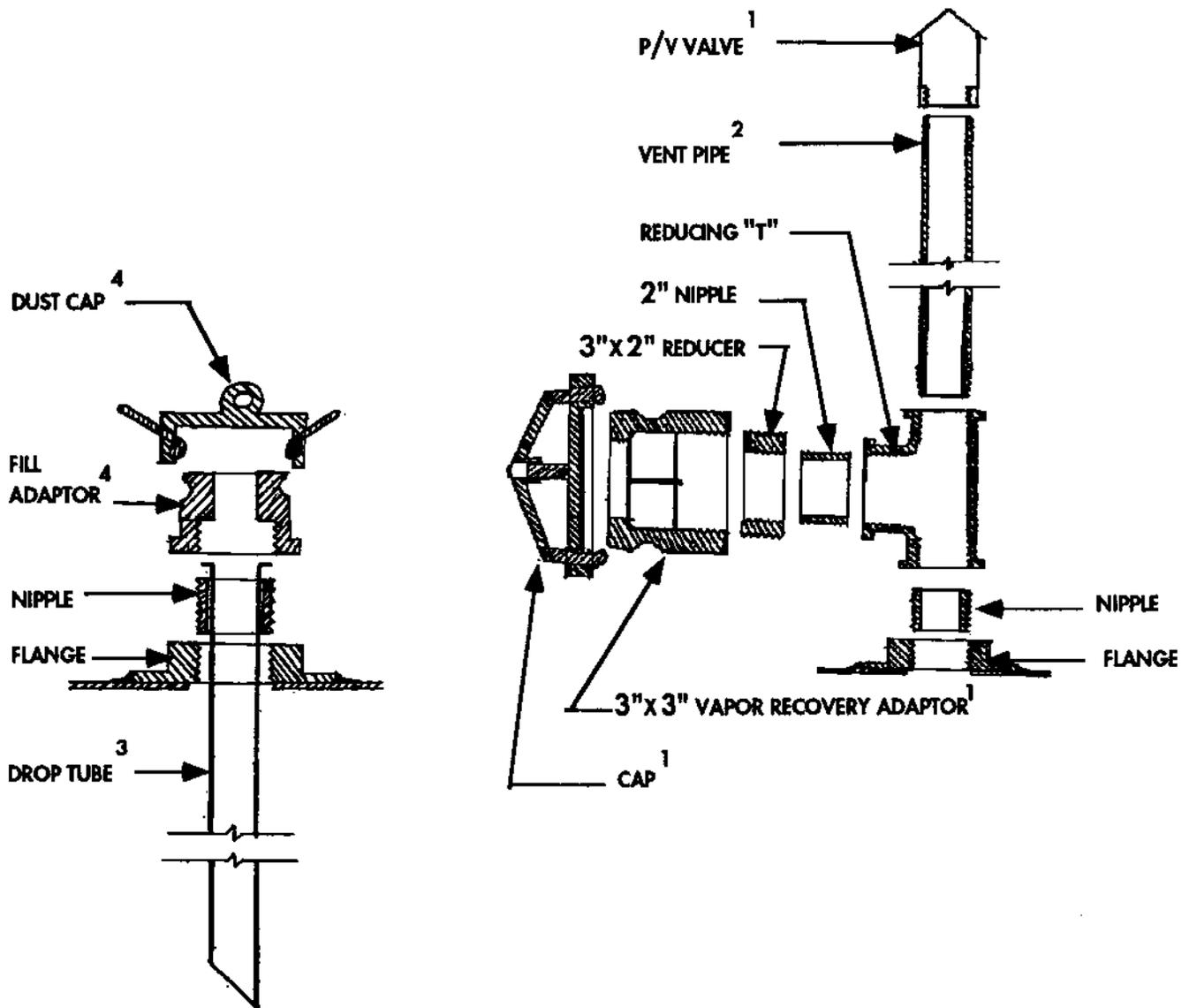


James D. Boyd  
Executive Officer

# EXECUTIVE ORDER G-70-142

## EXHIBIT 1

ABOVEGROUND TANKS WITH 1000 GALLONS OR  
LESS CAPACITY FILLED BY BOBTAIL TRUCK DELIVERY



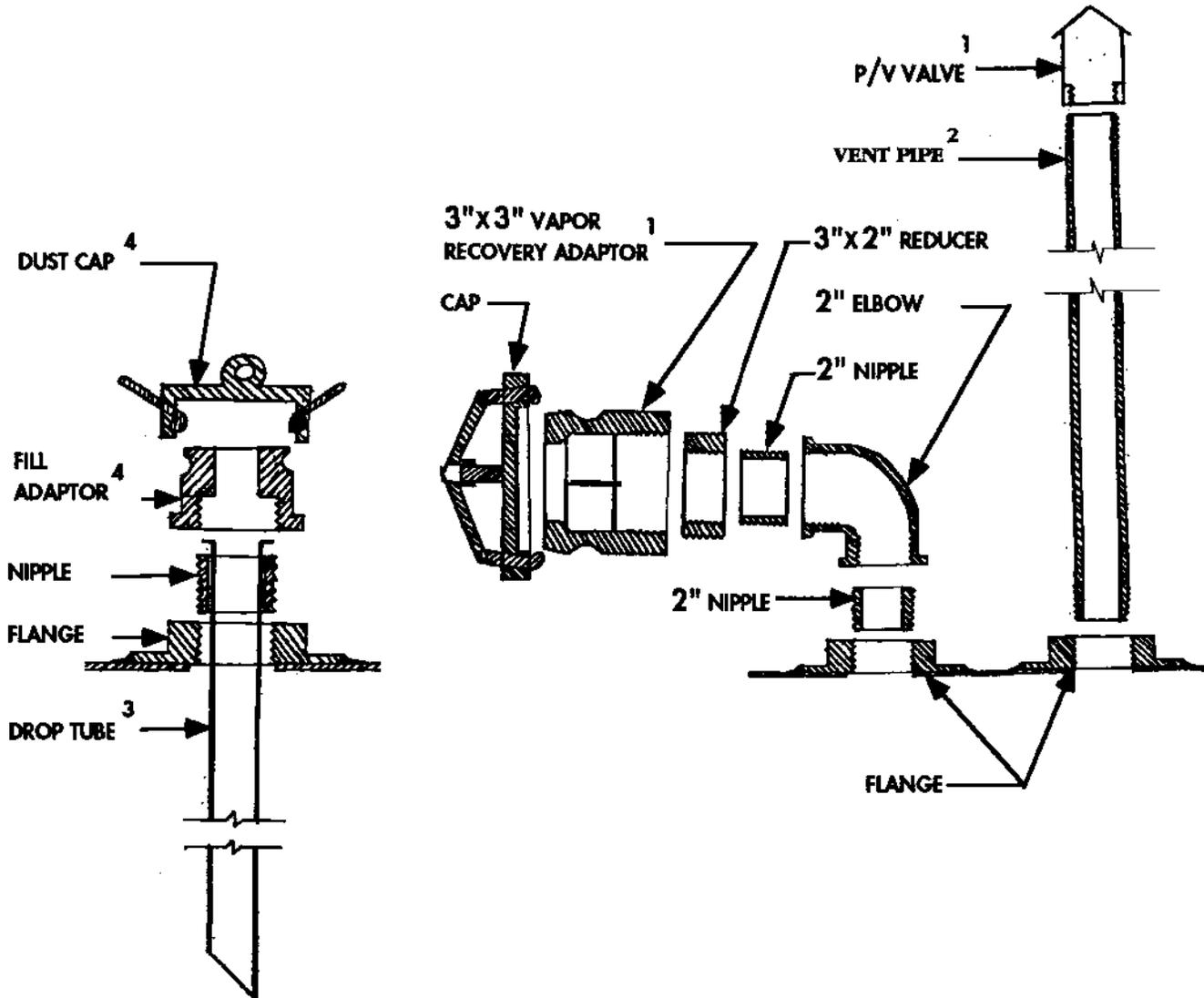
### NOTES:

1. See Executive Order G-70-97-A Exhibits 1 and 3 for approved equipment.
2. Vent pipe diameter and use of P/V valve to be approved by local fire district.
3. Sealed aluminum drop tube with a minimum diameter of 1 1/4 inches, flared at top, cut at a 45 degree angle at bottom and extending to within 6 inches of bottom of tank.
4. Fill adaptor and dust cap, OPW 633-A and OPW 634-B, or equivalent, with minimum size of 1 1/4 inches.

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## EXHIBIT 2

ABOVEGROUND TANKS WITH 6000 GALLONS OR  
LESS CAPACITY FILLED BY BOBTAIL TRUCK DELIVERY



### Notes:

1. See Executive Order G-70-97-A Exhibits 1 and 3 for approved equipment.
2. Vent pipe diameter and use of P/V valve to be approved by local fire district.
3. Sealed aluminum drop tube with a minimum diameter of 1 1/4 inches, flared at top, cut at a 45 degree angle at bottom and extending to within 6 inches of bottom of tank.
4. Fill adaptor and dust cap, OPW 633-A and OPW 634-B, or equivalent, with minimum size of 1 1/4 inches.