State of California
AIR RESOURCES BOARD

Executive Order G-70-7-C

Relating to the Modification of the Certification of the
Gulf/Hasselmann VCP-2 Service Station Phase II
Vapor Recovery System
To Include the VCP-2A System

Pursuant to the authority vested in the Air Resources Board (ARB) by Health and Safety Code Section 41954; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516;

IT IS ORDERED AND RESOLVED: That the certification Executive Order G-70-7-B issued on August 6, 1979 for the Gulf/Hasselmann VCP-2 service station Phase II vapor collection and disposal system is hereby modified to include the VCP-2A system as an alternate system for service stations with gasoline throughput not exceeding 200,000 gallons per month. The systems are hereby certified to be at least 95 percent effective in attendant and/or self-service use at service stations in conjunction with Phase I vapor recovery systems which have been certified by the Air Resources Board. The systems are described in Exhibits 1, 2, and 3 attached hereto.

IT IS FURTHER ORDERED AND RESOLVED: That compliance with the applicable certification requirements and rules and regulations of the Division of Measurement Standards, the State Fire Marshal's Office and the Division of Industrial Safety of the Department of Industrial Relations is made a condition of this certification.

IT IS FURTHER ORDERED AND RESOLVED: That the systems certified hereby shall perform in actual use with the same effectiveness as the certification test systems. Compliance with the applicable performance criterion shall be a condition of this certification, and failure to meet this criterion shall constitute grounds for revocation, suspension, or modification of this certification.

IT IS FURTHER ORDERED AND RESOLVED: That any alteration to the equipment, parts, design, or operation of the systems certified hereby, is prohibited, and deemed inconsistent with this certification, unless such alteration has been approved by the undersigned.

Executed at Sacramento, California this 8th day of February, 1980.

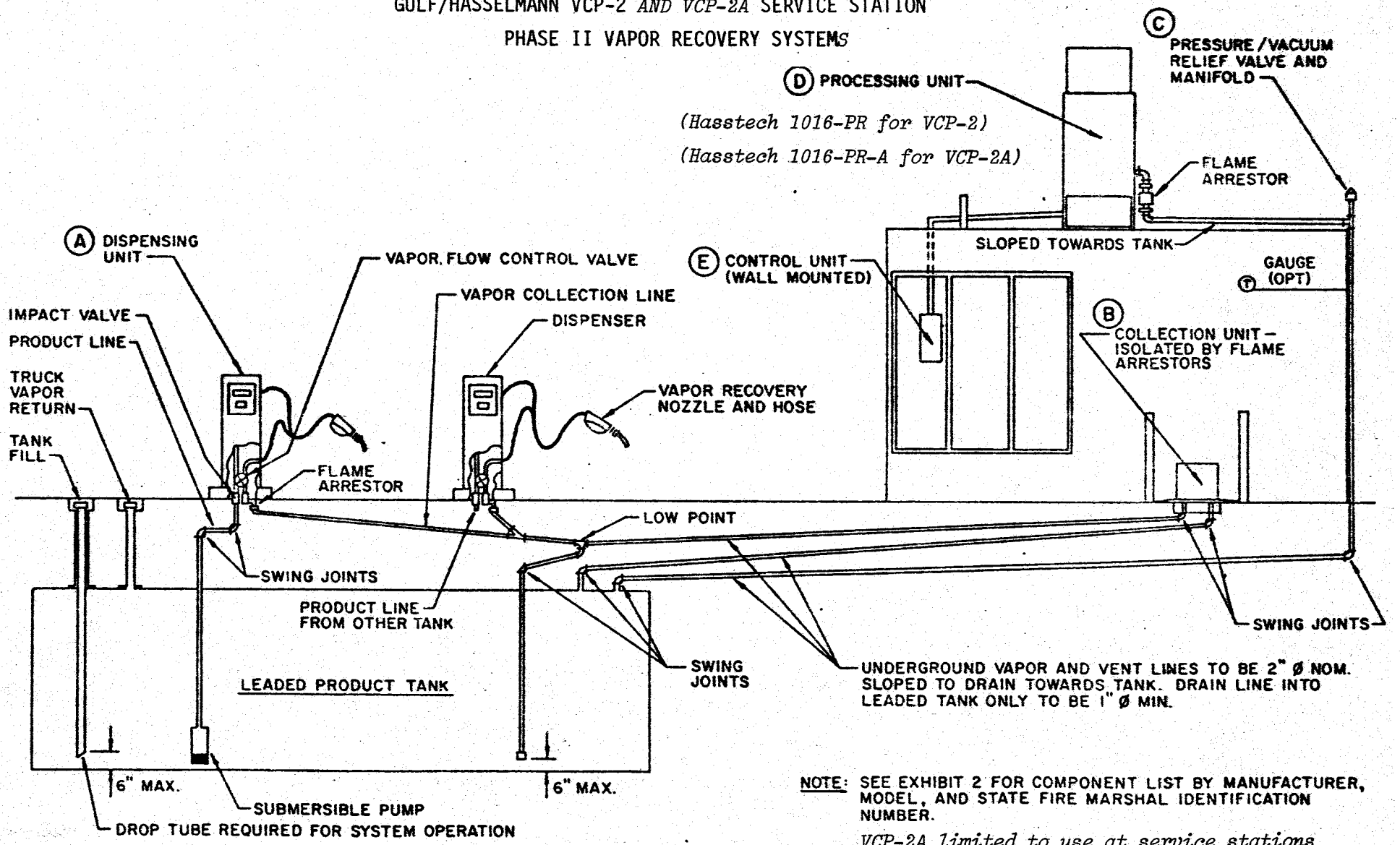
For Gary Rubenstein
Thomas C. Austin
Executive Officer

EXHIBIT 1

EXECUTIVE ORDER G-70-7-*C*

GULF/HASSELMANN VCP-2 *AND VCP-2A* SERVICE STATION

PHASE II VAPOR RECOVERY SYSTEM*S*



NOTE: SEE EXHIBIT 2 FOR COMPONENT LIST BY MANUFACTURER, MODEL, AND STATE FIRE MARSHAL IDENTIFICATION NUMBER.

VCP-2A limited to use at service stations with gasoline throughput not exceeding 200,000 gallons per month.

EXHIBIT 2

Executive Order G-70-7-*C*

Gulf/Hasselmann VCP-2 *and VCP-2A* Service Station
Phase II Vapor Recovery Systems
Component List

Item	Manufacturer and Model	State Fire Marshal Identification Number	Substitute Equipment	
			Manufacturer and Model	State Fire Marshall Identification Number
A. Dispenser Unit				
1. Nozzle	HP-1	1016-1		
2. Vapor Hose	Hasstech	1016-2		
3. Flow Control Valve	ITT-General Control SF1FE01A101H or SF1FE01A102	1016-3		
4. Impact Valve	A. Y. McDonald 9760176	1016-4		
5. Flame Arrestor	Hasstech 1025-3/4"	1016-5		
B. Collection Unit				
1. Pump Inlet Flame Arrestor	Protectoseal SP 4951 (1 1/4")	1016-6		
2. Collection Pump	Rotron D313 or D312	1016-7		
3. Pump Outlet Flame Arrestor	Protectoseal SP 4951 (1 1/4")	1016-8		
C. Safety Relief				
1. P/V Valve	Varec 2010-811-2	1016-9		
D. Processing Unit	Hasstech	1016-PR *(for VCP-2)* **or** *1016-PR-A (for VCP-2A)*		

EXHIBIT 2

Executive Order G-70-7-*C*

Gulf/Hasselmann VCP-2 *and VCP-2A* Service Station
Phase II Vapor Recovery Systems
Component List

Item	Manufacturer and Model	State Fire Marshal Identification Number	Substitute Equipment	
			Manufacturer and Model	State Fire Marshal Identification Number
E. Control Unit	Gulf/Hasselmann	1016-CP		
F. Optional Components				
1. In-Tank Drain Check	Hasstech 1044	1016-31		
2. Out-of-Tank Drain Check	Hasstech 1042	1016-32		

Note: Revisions to Executive Order G-70-7-B noted in italics

NOTES:

1. NOZZLE TO MEET REQUIREMENTS OF UNDERWRITERS LABORATORY, INC. STANDARD 842 (1974).
2. REMOVE HOLD OPEN LATCH TRIGGER (ITEM #18) & TRIGGER SPRING (ITEM #19) FOR SELF-SERVICE.
3. CENTERLINE DISTANCE BETWEEN FACEPLATE (ITEM #13) AND NOZZLE TIP MUST BE 3 1/4 INCHES.
4. WHEN INSTALLED, LATCH SPRING (ITEM #6) LATCH POINT SHALL NOT EXTEND BEYOND 1/4" FROM FACEPLATE.
5. (ALTERNATE) FOR LEADED NOZZLES THIS DIMENSION MAY BE 2 INCHES

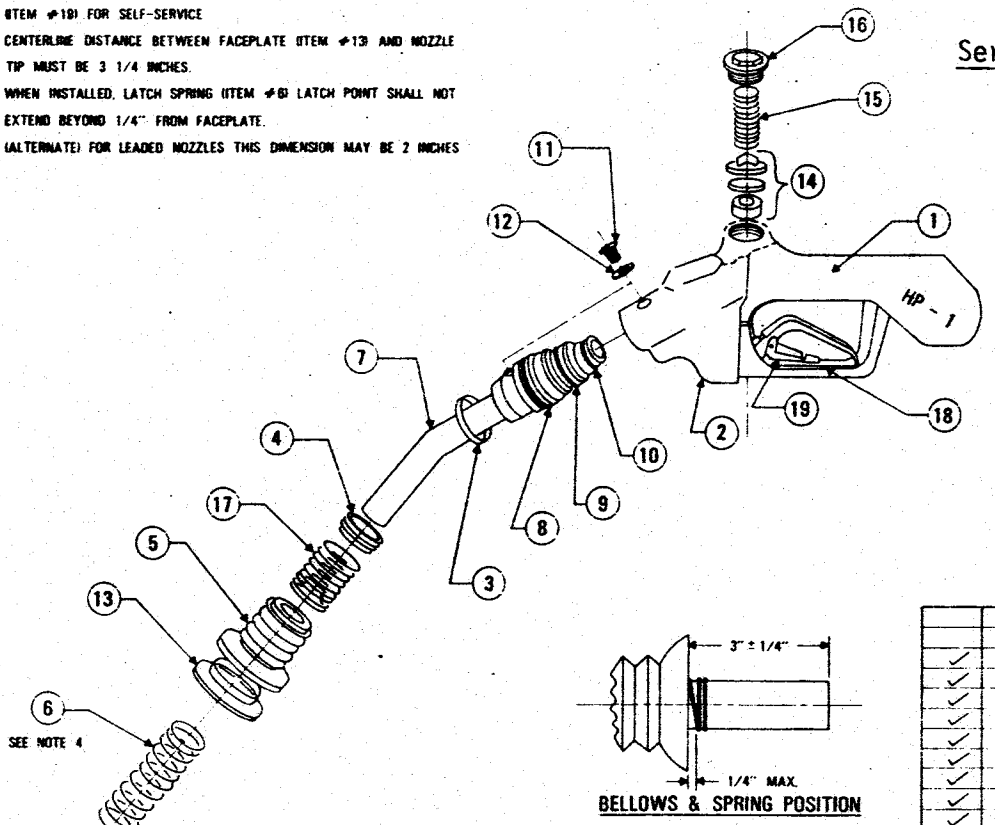
Exhibit 3

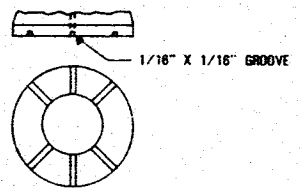
Executive Order G-70-7-C

Gulf/Hasselmann VCP-2 *and VCP-2A*

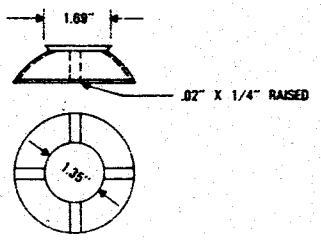
Service Station Phase II Vapor Recovery Systems

Nozzle Configuration



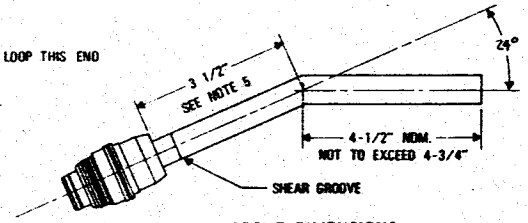


FACEPLATE
ITEM: 13 - 1
ALTERNATE



FACEPLATE
ITEM: 13 - 3
MAT'L: AL-ALLOY

BELLOWS & SPRING POSITION



SPOUT DIMENSIONS

NL	L	ITEM		LIST OF PARTS (NAME)
	✓	7C	5/16" ø X 6 1/2"L	SPOUT (ALTERNATE FOR LEAD ONLY)
	✓	5B	3-1/2" L	BELLOWS (USE ONLY WITH ITEM 7C)
✓	✓	19		TRIGGER SPRING
✓	✓	18		LATCH TRIGGER
✓	✓	17		SPRING
✓	✓	16		MAIN POPPET CAP
✓	✓	15		SPRING
✓	✓	14		POPPET SUB ASSEMBLY
✓	✓	13		FACEPLATE
✓	✓	12		GASKET
✓	✓	11		SCREW
✓	✓	10		O-RING
✓	✓	9		O-RING
✓	✓	8		O-RING
✓		7B	13/16" ø X 8"L	SPOUT
	✓	7A	15/16" ø X 8"L	SPOUT
✓		6B	13/16" ø	LATCH SPRING
	✓	6A	15/16" ø	LATCH SPRING
✓	✓	5A	5" L	BELLOWS
✓	✓	4		SPRING LOCATOR
✓	✓	3		CLAMP
✓	✓	2		SCUFF GUARD
✓	✓	1		BODY