State of California

AIR RESOURCES BOARD

Executive Order G-70-18-A

Relating to the Modification of the Certification of the
Shell Model 75B1
Service Station Phase II Vapor Recovery 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 issued on May 18, 1978, for the Shell Model 75B1 Phase II vapor collection and disposal system is hereby modified to specify nozzles which are capable of fueling all vehicles as required in the Air Resources Board certification procedures adopted March 30, 1976, and amended August 25, 1977 and August 9, 1978. The system hereby modified is certified for attendant and/or self-serve use at gasoline service stations in conjunction with Phase I vapor recovery systems which have been certified by the Air Resources Board. The system is described in Exhibits 1 and 2 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 system certified hereby shall perform in actual use with the same effectiveness as the certification test system. 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 system certified hereby, is prohibited, and deemed inconsistent with this certification, unless such alteration has been approved by the undersigned.

Executed at Sacramento, California, this 30th day of August, 1978.

Thomas C Austin
for William H. Lewis, Jr.
Executive Officer

EXHIBIT 1

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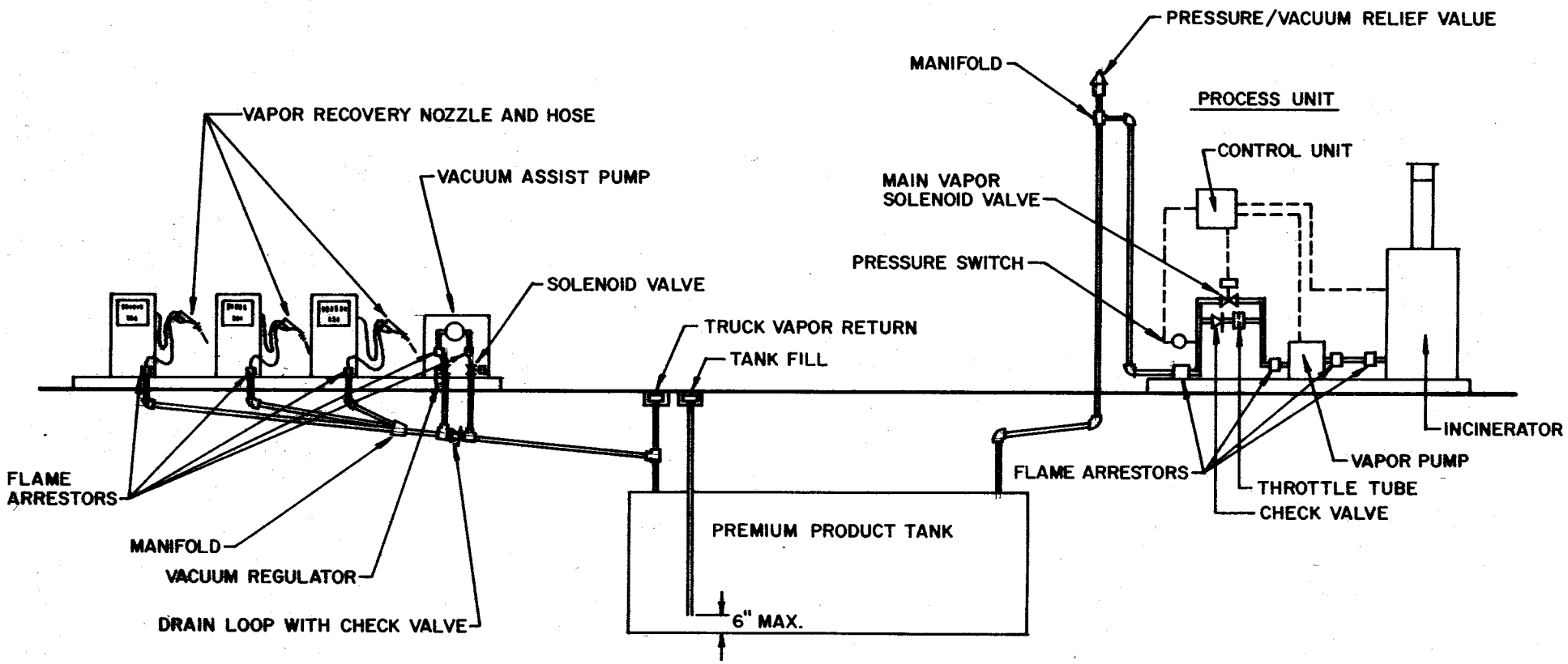
SHELL MODEL 75B1

SERVICE STATION PHASE II VAPOR RECOVERY SYSTEM



NOTE: SWING JOINTS OR FLEXIBLE CONNECTORS (NOT SHOWN) REQUIRED FOR ALL GALVANIZED IRON PIPING.
SEE EXHIBIT 2 FOR COMPONENT LIST BY MANUFACTURER, MODEL, AND STATE FIRE MARSHAL INDENTIFICATION NUMBER.

EXHIBIT:B

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Shell Model 7581

Service Station Phase II Vapor Recovery System

Component List

Item	Manufacturer and Model	State Fire Marshal Identification Number	Substitute Equipment	
			Manufacturer and Model	State Fire Marshal Identification Number
1. Nozzle	Emco-Wheaton Model A-3004 *(Leaded)* *Emco-Wheaton Model A-3004 (unleaded) Extended Spout*	GVRC-004:007:3		
2. Vapor Hose	UL-listed gasoline delivery hose	GVAC-004:009:1		
3. Flame Arrestor	G.W. Lisk #4654	GVRC-004:009:2		
4. Flame Arrestor	G.W. Lisk #4620	GVRC-004:009:3		
5. Vacuum Assist Blower	Rotron D313 w/ UL-listed C1 1GpD Motor of Random Mfg.	GVRC-004:009:4		
6. Pressure Regulator	Maxitrol RV53 per ES200 diaphragm	GVRC-004:009:5		
7. Vacuum Assist Solenoid	ITT-General Controls S241XA02V31127	GVRC-004:009:6		
8. Drain Loop Check Valve	Powell #578	GVRC-004:009:18		
9. Pressure/Vacuum Valve	Varec Fig 2010-811	GVRC-005:006:1		
10. Process Unit w/parts items:	Shell 7581			
a. Flame Arrestors	Lisk #4654	GVRC-004:009:16		
b. Fuel Pump	Gast #0740-P15	GVRC-004:009:7		
c. Filters	Gast #AB608	GVRC-004:009:17		
d. Burner	Maxon #AL4S	GVRC-004:009:8		
e. Flame Support Blower & Motor	Cincinnati Fan LMBC w/UL-listed TEFC motor	GVRC-004:009:9		
f. Sail Switch	Honeywell #S43A1003	GVRC-004:009:10		
g. Flame Sensor	Honeywell #C7027A-1049	GVRC-004:009:11		
h. Spark Generator	Honeywell #Q624A 1014	GVRC-004:009:12		
i. Main fuel solenoid	ITT-General Control S 251XAQ2L3EG5	GVRC-004:009:13		
j. Pressure Switch Cluster	Shell PSC1 (1)	GVRC-004:009:14		
k. Control Panel	Shell CP1 (2)	GVRC-004:009:15		
(1) <u>Shell PSC1</u> includes:		GVRC-004:009:14		
a. Pressure Switch	Dwyer #1951-1EP			
b. "	Dwyer #1951-00-EP			
c. Pressure Gauge	Dwyer #2010-0 to 10"			
(2) <u>Shell CP1</u> includes:		GVRC-004:009:15		
a. Circuit Breaker CB1	Woods Electric #124-205-101			
b. " CB2	Woods Electric #122-210-101			
c. " CB3	Woods Electric #122-215-101			
d. Relay K1 & K2	Potter Brumfield #PR7AY0			
e. Relay K3	Magnecraft #W588-AX8			
f. Control Relay A1	Honeywell R4795A 1016			
g. Housing	Hoffman #A20H16ALP			