

**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER VR-301-F

Related to Certification of Vapor Recovery Systems

**Standing Loss Control Vapor Recovery Systems for Existing Installations of
Aboveground Storage Tanks**

WHEREAS, the California Air Resources Board (ARB) has established, pursuant to California Health and Safety Code sections 39600, 39601 and 41954, certification procedures for systems designed for the control of standing loss emissions for aboveground storage tanks in CP-206, ***Certification Procedure for Vapor Recovery Systems at Gasoline Dispensing Facilities Using Aboveground Storage Tanks*** (Certification Procedure) as last amended on January 9, 2013, incorporated by reference in California Code of Regulations, section 94016;

WHEREAS, ARB has established, pursuant to California Health and Safety Code sections 39600, 39601, 39607, and 41954, test procedures for determining compliance with performance standards for standing loss control vapor recovery systems;

WHEREAS, OPW, Modern Custom Fabrication, and Steel Tank Institute requested and were granted standing loss control vapor recovery system certification for existing aboveground storage tanks (AST) pursuant to the Certification Procedure on April 2, 2009, by Executive Order VR-301-A, which was last modified on April 30, 2013, by Executive Order VR-301-E;

WHEREAS, Executive Order VR-301-E expires on May 30, 2014;

WHEREAS, the Certification Procedure provides a process for the renewal of the certification prior to the expiration date of the initial four year certification period;

WHEREAS, Above Ground Tank Vault on February 18, 2010, requested modifying Executive Order VR-301 to include the certification of the Above Ground Tank Vault pursuant to the Certification Procedure;

WHEREAS, Franklin Fueling Systems on June 25, 2012, requested modifying Executive Order VR-301 to include the certification of the PV-Zero Pressure/Vacuum vent valve pursuant to the Certification Procedure;

WHEREAS, the Certification Procedure provides that the ARB Executive Officer shall issue an Executive Order if he or she determines that the standing loss control vapor recovery system for existing ASTs conforms to all of the applicable requirements set forth in the Certification Procedure;

WHEREAS, the Certification Procedure authorizes the Executive Officer to renew the certification if an evaluation determines that there are no identified deficiencies;

WHEREAS, I, Richard W. Corey, Executive Officer, find that the standing loss control vapor recovery systems, modified herein, conform with all requirements set forth in the Certification Procedure and

results in a vapor recovery system which shall not exceed 2.26 pounds of hydrocarbons per 1,000 gallons of ullage per day when tested pursuant to TP-206.1, ***Determination of Emission Factor for Standing Loss Control Vapor Recovery Systems Using Temperature Attenuation Factor at Gasoline Dispensing Facilities with Aboveground Storage Tanks*** (May 2, 2008);

WHEREAS, AkzoNobel has not submitted warranty language that complies with Section 17.5 of the Certification Procedure for Devthane 359H DTM High Build Gloss Aliphatic Urethane Mastic White Base component (DC359F3501) and Devthane 379 Aliphatic Urethane Converter component (379C0910);

NOW, THEREFORE, IT IS HEREBY ORDERED that the standing loss control vapor recovery systems listed in this Executive Order are certified not to exceed 2.26 pounds of hydrocarbon per 1,000 gallons of ullage per day when installed, operated, and maintained as specified herein and in the following exhibits. Exhibit 1 contains an equipment list of the certified components. Exhibit 2 contains the performance standards and specifications and typical installation drawings. Exhibit 3 contains the manufacturing performance standards and specifications. Exhibit 4 contains the standing loss control vapor recovery systems' warranties.

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

IT IS FURTHER ORDERED that the manufacturers of components listed in Exhibit 1 shall provide a warranty to each of their components certified herein. The warranty shall be passed on to each subsequent purchaser within the warranty period. The warranty shall include the ongoing compliance with all applicable performance standards and specifications and shall comply with all warranty requirements in Section 17.5 of the Certification Procedure. Manufacturers may specify that the warranty is contingent upon the use of trained installers. The manufacturer warranty tag included with each component shall be provided to the AST owner/operator at the time of installation.

IT IS FURTHER ORDERED that the certified standing loss control vapor recovery systems shall be installed, operated, and maintained in accordance with ***ARB Approved Installation, Operation, and Maintenance Manual***. A copy of this Executive Order and the ***ARB Approved Installation, Operation and Maintenance Manual for Standing Loss Control Vapor Recovery Systems for Existing Installations of Aboveground Storage Tanks*** shall be maintained at each Gasoline Dispensing Facility (GDF) where a certified standing loss control vapor recovery system is installed.

IT IS FURTHER ORDERED that equipment listed in Exhibit 1, unless exempted, shall be clearly identified by a permanent identification showing the manufacturer's name, model number, and serial number.

IT IS FURTHER ORDERED that any alteration in the equipment parts, design, installation, or operation of the system provided in the manufacturers' certification applications or documents and certified hereby is prohibited and deemed inconsistent with this certification, unless the alteration has been submitted in writing and approved in writing by the Executive Officer.

IT IS FURTHER ORDERED that the following requirements are made a condition of certification. Any testing including the testing of the Pressure/Vacuum (P/V) vent valve will be at the option of the local districts. Notification of testing, and submittal of test results, shall be done in accordance with local district requirements and pursuant to the policies established by that district. If P/V valve testing is required by the district, the test shall be conducted in accordance with TP-201.1E, **Leak Rate and Cracking Pressure of Pressure/Vacuum Vent Valves** (October 8, 2003) and Exhibit 2. Alternative test procedures, including the most recent versions of the test procedures listed above, may be used if determined by the Executive Officer or Executive Officer delegate, in writing, to yield comparable results.

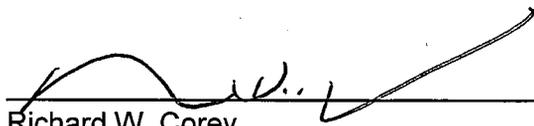
IT IS FURTHER ORDERED that the standing loss control vapor recovery systems shall be compatible with gasoline in common use in California at the time of certification. The standing loss control systems listed in this Executive Order are not compatible with gasoline that has an ethanol content greater than 10 percent. Any modifications to comply with future California gasoline requirements shall be approved in writing by the Executive Officer.

IT IS FURTHER ORDERED that the certification of the standing loss control vapor recovery systems is renewed and is valid through May 31, 2018.

IT IS FURTHER ORDERED that the certification of the Devthane 359H DTM High Build Gloss Aliphatic Urethane Mastic White Base component (DC359F3501) and Devthane 379 Aliphatic Urethane Converter component (379C0910) are not renewed because AkzoNobel has not submitted their warranty language that complies with Section 17.5 of the Certification Procedure.

IT IS FURTHER ORDERED that Executive Order VR-301-E, issued on April 30, 2013, is hereby superseded by this Executive Order. Systems certified under Executive Orders VR-301-A through E may remain in use at existing installations.

Executed at Sacramento, California, this 31st day of June 2014.


Richard W. Corey
Executive Officer

Attachments:

- Exhibit 1 Equipment List
- Exhibit 2 System Specifications
- Exhibit 3 Manufacturing Performance Standards and Specifications
- Exhibit 4 Standing Loss Control Vapor Recovery System Warranty

EXECUTIVE ORDER VR-301-F
Standing Loss Control Vapor Recovery System for
Existing Installations of Aboveground Storage Tanks

Exhibit 1
EQUIPMENT LIST

<u>Equipment</u>	<u>Manufacturer/Model Number</u>
Pressure/Vacuum Vent Valve	A. Husky 5885 (Figure 1A-1) B. Franklin Fueling Systems PV-Zero (Figure 1A-2)
Protected Aboveground Storage Tanks¹	A. SuperVault (Figure 1B-1) See "Table A" for Model Numbers B. Steel Tank Institute Fireguard (Figure 1B-2) See "Table B" for Model Numbers C. ConVault (Figure 1B-3) See "Table C" for Model Numbers D. Containment Solutions Inc. Hoover Vault (Figure 1B-4) See "Table D" for Model Numbers E. Jensen Precast Armor Cast (Figure 1B-5) See "Table E" for Model Numbers F. Above Ground Tank Vault (Figure 1B-6) See "Table F" for Model Numbers

¹ Existing aboveground storage tanks not listed in this Exhibit, including single-wall tanks shall be painted with one of the coating systems (white paint) listed in this Executive Order.

Equipment**Manufacturer/Model Number****White Paint²**

- A. PPG High Performance Coatings
(Figure 1C-1)
- Durethane DTM Urethane Mastic White Base Component A (95-3301), and
 - Durethane DTM Urethane Mastic Curing Agent Component B (95-339) mixed at 4.6 ratio (see manufacturer's instructions)
- B. Ponderosa Paint Company, Inc.
(Figure 1C-2)
- Enviro-Clad 2600 DTM/Urethane mastic (component A), color white (100), and
 - Enviro-Clad 2600 Catalyst (component B) mixed at 5:3 ratio (see manufacturer's instructions)
- C. Jones-Blair Paint Company
(Figures 1C-3 and 1C-4)
- J-B #33014 Ureprime HS4 White Primer
 - J-B #4600-040 Acrylithane HS4 High Gloss White Acrylic Urethane
 - J-B #99951 Ureprime HS4 Primer and Acrylithane HS4 Enamel Catalyst mixed at a 4:1 ratio (see manufacturer's instructions)

² Prior to application of white paint check with the local air district to ensure that paint VOC content is compliant with district rules. See Table F for information pertaining to identification.

TABLE A
Description of “SuperVault” Protected Aboveground Storage Tanks

Make	Modern Custom Fabrication, SuperVault
Model Number	MH Series
Capacity	250 gallons and greater*
Shape	Cylindrical: 250 gallons and greater Rectangular: 250 – 2,000 gallons
Serial Number	1XXXXX Where X = number from 0 to 9
OEM Coating Color	Desert Tan or White
Image of AST	See Figure 1B-1

TABLE B
Description of “Fireguard” Protected Aboveground Storage Tanks

Make	Steel Tank Institute, Fireguard
Model Number	Not Applicable
Capacity	250 gallons and greater*
Shape	Cylindrical: 250 gallons and greater Rectangular: 250 gallons and greater
Serial Number	XXXX, XXXXX, or XXXXXX Where X = number from 0 to 9
OEM Coating Color	White
Image of AST	See Figure 1B-2

* The maximum tank capacity shall be consistent with the California Fire Code.

TABLE C
Description of “ConVault” Protected Aboveground Storage Tanks

Make	ConVault, ConVault AST
Model Number	<p>XXXX¹YYWXX¹</p> <p>or</p> <p>XXXX¹YYWXX¹</p> <p>Where X = letter</p> <p>Where Y = letter or number from 0 to 9</p> <p>Where W = number from 0 to 9</p> <p>Where X¹ = letter or blank space</p>
Capacity	250 gallons and greater*
Shape	Rectangular
Serial Number	<p>Z XXXXX, XXXXX</p> <p>Where Z = letter</p> <p>Where X = number from 0 to 9</p>
OEM Coating Color	White
Image of AST	See Figure 1B-3

* The maximum tank capacity shall be consistent with the California Fire Code

TABLE D
Description of “Hoover Vault” Protected Aboveground Storage Tanks

Make	Containment Solutions Inc., Hoover Vault
Model Numbers	<p>VWAAXXXVXXXX, VWAAXXX¹VYXXX</p> <p>Where V = V (vaulted) Where W = 4 for four (4) inches of insulation (concrete) Or 6 for six (6) inches of Insulation (concrete) Where X = number from 0-9 Where X¹ = “C” for value of 100 or “M” for value of 1000, if tank is greater than 1,000 gallons, Where Y = S (standard) or 8 (modified)</p> <p>LDPXXX, LDPXXXX, LDPXXXXX, LDPXXXP, LDPXXXXP, LDPXXXXXP;¹ LPDXXX, LPDXXXX, LPDXXXXX, LPDXXXP, LPDXXXXP, LPDXXXXXP;² LPXXX, LPXXXX, LPXXXXX, LPXXXP, LPXXXXP, LPXXXXXP;³ LDPDXXX, LDPDXXX, LDPDXXXX, LDPDXXXP, LDPDXXXXP, LDPDXXXXXP;⁴ LPDDXXX, LPDDXXXX, LPDDXXXXX, LPDDXXXP, LPDDXXXXP, LPDDXXXXP⁵</p> <p>Where X = numbers from 0 to 9 and denotes the size of the AST in gallons (12,000 gallons or less);</p> <p>¹ the “P” at the end indicate “protected” before UL reprinted tank labels; ² the “LPD” is misprint of LDP (and may have a “P” at the end of the model number); ³ the “LP” is misprint of LDP (and may have a “P” at the end of model number); ⁴ the second “D” may be used to indicated duel compartment (and may have a “P” at the end of the model number); ⁵ the second and third letters may be a misprint (“PD” instead of “DP”), there is a second “D” to indicate a duel compartment, and there may be a “P” at the end of the model number; and For ASTs manufactured after 1993.</p>
Capacity	250 gallons and greater**
Shape	Cylindrical or Rectangular
Serial Number	Varies
OEM Coating Color	Desert Tan or White
Image of AST	See Figure 1B-4

* The maximum tank capacity shall be consistent with the California Fire Code.

TABLE E
Description of “Armor Cast” Protected Aboveground Storage Tanks

Make	Jensen Precast, Armor Cast
Model Numbers	<p>AST-YYYYLP AST-YYYYY AST-YYLZ AST-YYLZ-Z AST-YYLZ-ZZ AST-YYLZ-Z AST-YYLZ-ZZ AST-FYZZ AST-FYZZX-Z AST-FYZZ-Z AST-FYZZY-Z AST-FYZZY-ZZ ASTS-Y-WWLP-Z ASTS-Y-WWLP-ZZ ASTS-FY-WW-Z ASTS-FY-WW-ZZ ASTS-FY-WWW-Z ASTS-FY-WWW-ZZ ASTS-FYZZY-WWWW-Z ASTS-FYZZY-WWWW-ZZ ASTS-FYZZY-WW-Z ASTS-FYZZY-WW-ZZ ASTS-FYZZY-WW-Z ASTS-FYZZY-WW-ZZ ASTS-FYZZY-WWW-Z ASTS-FYZZY-WWW-ZZ</p> <p>Where LP = LP (low profile) Where S = S (split) Where F = F (flat) Where X = X (large) Where Y = number from 0 – 9 Where W = number from 0 – 9 Where Z = One of the following letters P = Painted S = STO E = Exposed Aggregate O = With Overfill</p>
Capacity	250 gallons and greater*
Shape	Rectangular
Serial Number	Not applicable
Image of AST	See Figure 1B-5

TABLE F
Description of “AGT Vault” Protected Aboveground Storage Tanks

Make	Above Ground Tank Vault, AGT Vault
Model Numbers	CXXX, CXXXX, CXXXXX Where X = numbers from 0 to 9
Capacity	250 gallons and greater*
Shape	Cylindrical
Serial Number	Not applicable
OEM Coating Color	White
Image of AST	See Figure 1B-6

* The maximum tank capacity shall be consistent with the California Fire Code.

TABLE G
Components Exempt from Serial Number Identification

Component Name	Manufacturer
Durethane DTM Urethane Mastic White Base Component A (95-3300 and 95-3301)	PPG High Performance Coatings
Durethane DTM Urethane Mastic Curing Agent Component B (95-339)	
Enviro-Clad 2600 DTM/Urethane mastic (Component A) color white (100)	Ponderosa Paint Company, Inc.
Enviro-Clad 2600 Catalyst (Component B)	
J-B #33014 Ureprime HS4 White Primer	Jones-Blair Paint Company
J-B #4600-040 Acrylithane HS4, High Gloss White Acrylic Urethane	
J-B #99951 Ureprime HS4 Primer and Acrylithane HS4 Enamel Catalyst	

FIGURE 1A-1
Husky 5885 Pressure/Vacuum Vent Valve

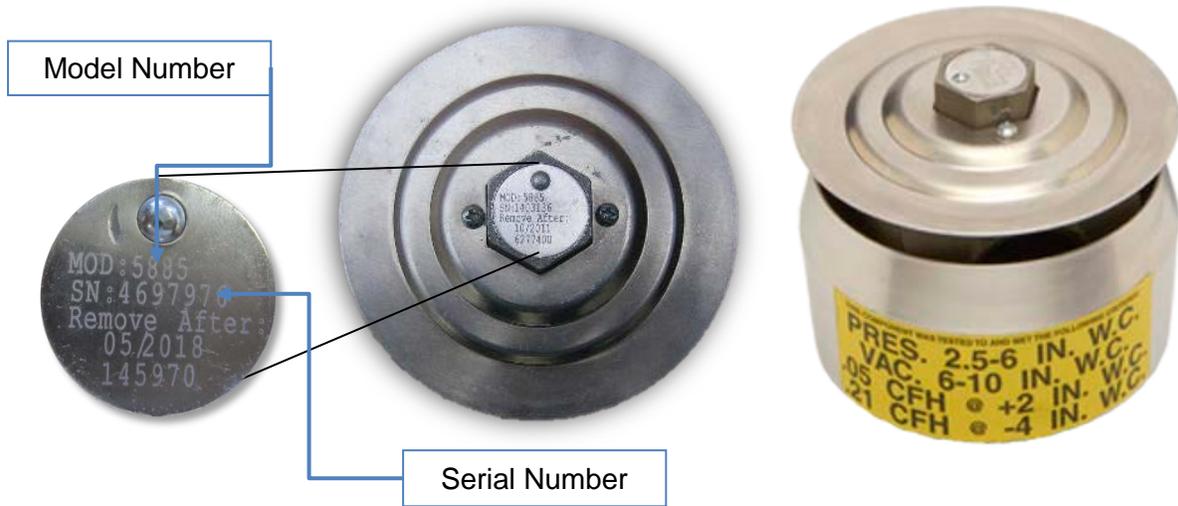


FIGURE 1A-2
PV ZERO Pressure/Vacuum Vent Valve

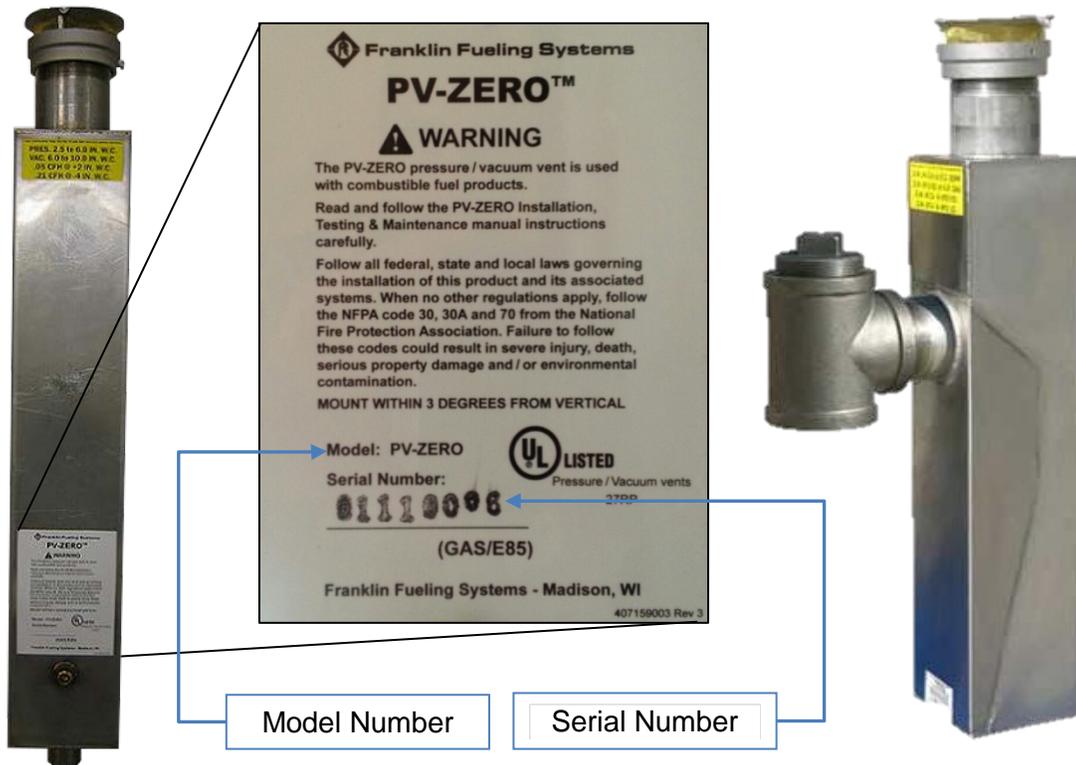


FIGURE 1B-1 Modern Custom Fabrication SuperVault MH Series Protected Aboveground Storage Tanks



Metal ID Plaque Mounted to AST

SOUTHWEST RESEARCH INSTITUTE
Chemistry and Chemical Engineering Division
Department of Fire Technology
San Antonio, Texas
(210) 522-2424

Southwest Research Institute (SwRI) is an independent, nonprofit research and development organization founded in 1947 to support industry, business and government.

The manufacturer whose name appears below is qualified under the Listing, Labeling, and Follow-up Inspection Services Program established by SwRI for furnishing insulated and protected aboveground fuel storage tanks for flammable and combustible liquids. The manufacturer is therefore authorized to use this document as proof of their compliance as described below.

DOCUMENT NO: 96040-01-03

PRODUCT: SuperVault MH Tank

MANUFACTURED BY: MODERN CUSTOM FABRICATION, INC.

LOCATION: Fresno, CA

APPLICATION: Insulated and protected aboveground tanks for storage of flammable and combustible liquids

Representative samples have been tested under SwRI Project Nos. 01-5216-532 and 01-7787-001a in accordance with procedures and guidelines as shown on the label below.

LABEL MARK: The Label Mark shown below is the only one licensed for application to this product. The labeling mark and associated labeling information are welded to each tank.



LISTED BY:
Southwest Research Institute
San Antonio, Texas

SwRI is recognized as an NRTL by CIB&I and as a testing laboratory and quality assurance/inspection agency by the National Evaluation Service, Inc., ICBO EB, and the Standards Council of Canada.

SuperVault MH
Manufactured by Modern Custom Fabrication, Inc.
Fresno, CA

SwRI ID No. 96040-01-03

Multi-Hazard Rated Protected Secondary Containment Aboveground Tank for Flammable and Combustible Liquids

This product has been evaluated for re-use after exposure to a fire, puncture, or heavy-vehicle impact. Should any of these occur, contact the manufacturer.

This product has been listed after passing a 4-hour Fire Exposure Test, a Hose Stream Resistance Test, a Projectile Penetration Test, a Heavy Vehicle Impact Test, an environmental exposure evaluation, and an additional 2-hour Fire Exposure Test using the same, fully-assembled test tank for all tests.

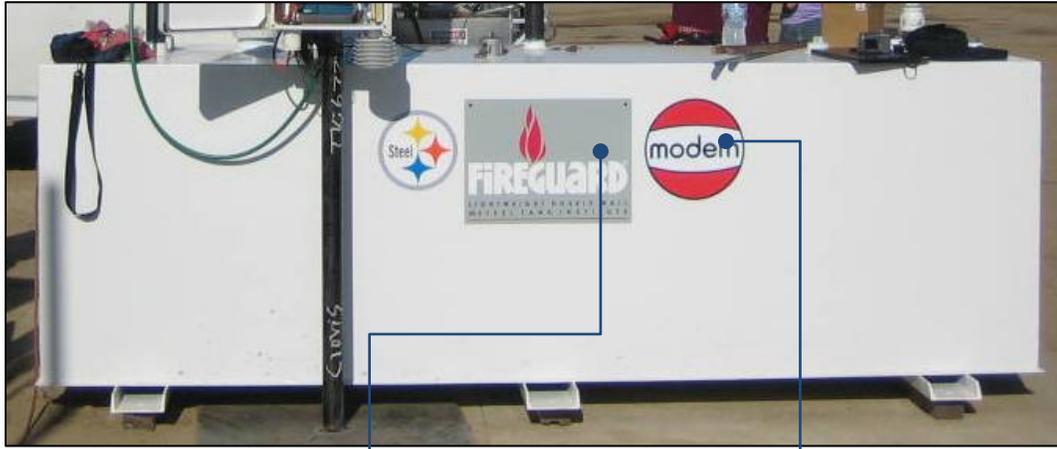
This tank complies with the requirements of SwRI Test Procedure 95-03, SwRI Test Procedure 93-01, UFC 79-7, UL 2086, and Interstitial Communication Test, and is a recognized listed product by Southwest Research Institute, San Antonio, Texas.

Manufactured under one or more of the following patents: United States Patent Nos. 5,028,455; 5,362,130; 5,092,824; and 5,163,960. Manufactured under License from CIB&I Trusco Tank, a division of CIB&I Constructors, Inc.

Model Number:
"MH" Series

Serial Number: "1XXXXX"
where X=number from 0 to 9

FIGURE 1B-2
Steel Tank Institute
Fireguard Protected Aboveground Storage Tanks



Fireguard Decal

Manufacturing Plant Decal (Not required)

Steel Tank Institute
FIREGUARD Serial No. XXXXXX

Serial Numbers:
XXXX, XXXXX, XXXXXX
Where X= number from 0-9
Note: No Model Numbers

**FIGURE 1B-3
ConVault Inc
ConVault Protected Aboveground Storage Tanks**



ConVault UL Placard: 2 Variations of Metal Plates

Includes:

- Model Number:
(See Table C)
- Serial Number:
(See Table C)
- Manufacturer



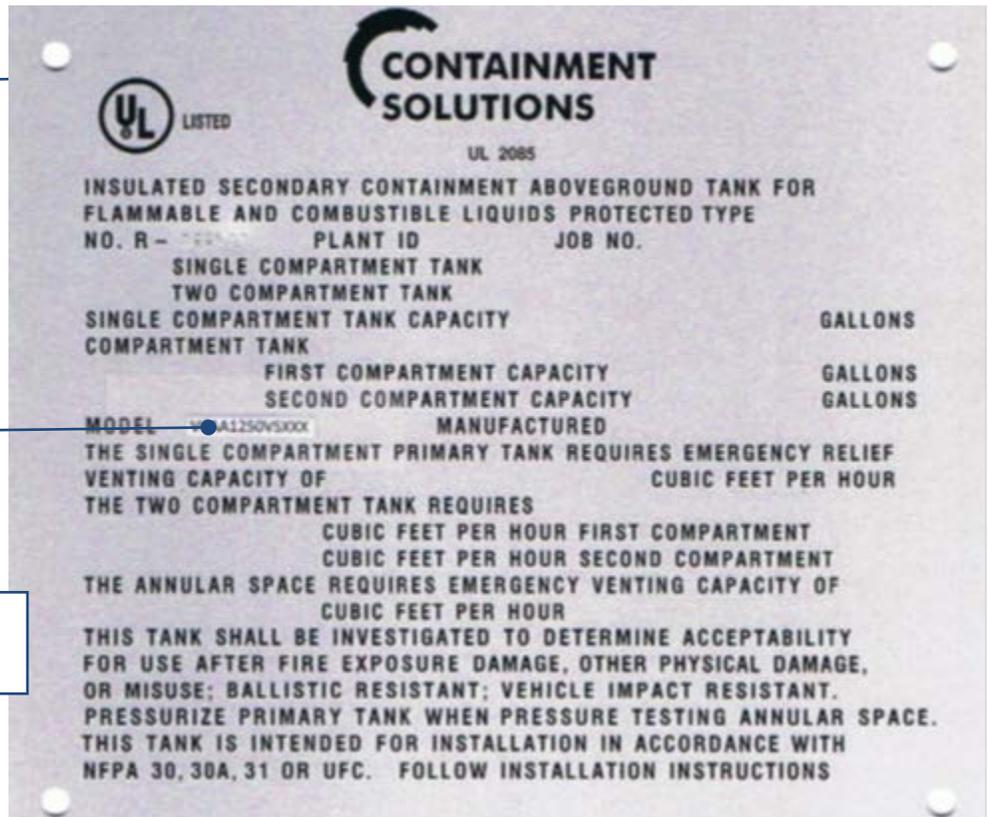
FIGURE 1B-4
Containment Solutions, Inc
Hoover Vault Protected Aboveground Storage Tanks



Containment Solutions, Inc. UL Placard

Identifies UL listing, model number, tank size

Attached to tank in various locations depending on size



Model Numbers:
(See Table D)

FIGURE 1B-5 Jensen Precast Armor Cast Protected Aboveground Storage Tank

Image of Plaque A

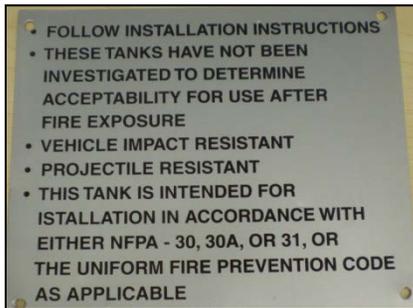


Image of Plaque B

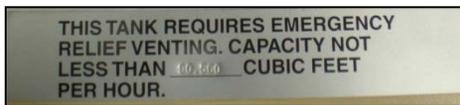


Image of Plaque C

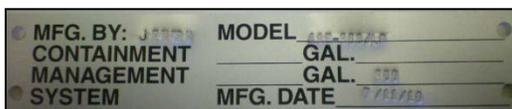


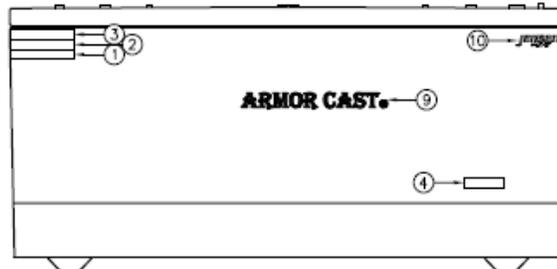
Image of UL Plaque
(Not shown in Decal Placement Diagram on Next Page)



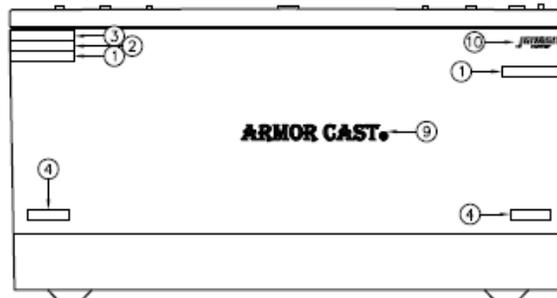
Tank Capacity Label

**FIGURE 1B-5
(Continued)
Jensen Precast
Armor Cast Protected Aboveground Storage Tank**

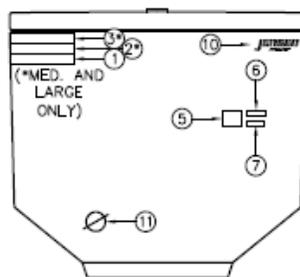
DETAILS, PLAQUES & DECALS LOCATION AND SIZING



**SIDE VIEW
(SINGLE COMPARTMENT ARMOR CAST TANKS)**



**SIDE VIEW
(DUAL COMPARTMENT ARMOR CAST TANKS)**



END VIEW

* FOLLOW INSTALLATION INSTRUCTIONS.
* THESE TANKS HAVE NOT BEEN INVESTIGATED TO DETERMINE ACCEPTABILITY FOR USE AFTER FIRE EXPOSURE.
* VEHICLE IMPACT RESISTANT.
* PROJECTILE RESISTANT.
* THIS TANK IS INTENDED FOR INSTALLATION IN ACCORDANCE WITH EITHER NFPA-30, 30A, 31, OR THE UNIFORM FIRE PREVENTION CODE AS APPLICABLE.

PLAQUE "A"

CONTAINMENT SYSTEMS	MODEL _____
	GALLONS _____
	MFG. DATE _____

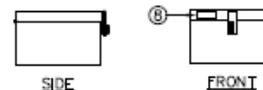
PLAQUE "B"

THIS TANK REQUIRES EMERGENCY RELIEF VENTING. CAPACITY NOT LESS THAN _____ CUBIC FEET PER HOUR.

PLAQUE "C"

KEEP LID CLOSED AND LOCKED AT ALL TIMES

PLAQUE "D"
(OVERFILL CONTAINER)



OVERFILL CONTAINER

NO.	DESCRIPTION	TANK SIZE		
		SMALL	MEDIUM	LARGE
1	FUEL TYPE	*	*	*
2	FLAMABLE OR COMBUSTIBLE	*	*	*
3	NO SMOKING	*	*	*
4	TANK CAPACITY	*	*	*
5	PLAQUE "A"	*	*	*
6	PLAQUE "B"	*	*	*
7	PLAQUE "C"	*	*	*
8	PLAQUE "D"	*	*	*
9	ARMOR CAST LOGO	*	*	*
10	JENSEN PRECAST LOGO	*	*	*
11	NO RUST	*	*	*

1. EACH PORT ON TOP OF THE TANK WILL BE IDENTIFIED WITH A PLAQUE.

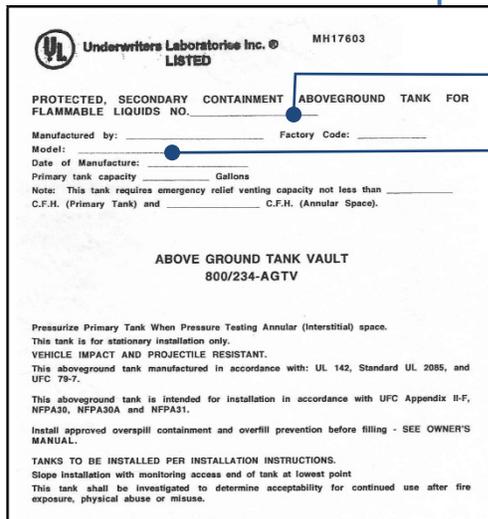
2. OVERFILL CONTAINERS WILL BE LABELED WITH FUEL TYPE, TANK CAPACITY, AND PLAQUE "D" (SEE ABOVE).

3. TANK LABELING IS STANDARD FOR ALL ARMOR CAST TANKS.

FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

FIGURE 1B-6
Above Ground Tank Vault
Above Ground Tank Vault Protected Aboveground Storage Tank

Image of UL Label
(Location Typical for 250 to 20,000 Gallons)



UL Serial Number

Model Number:
See Table F

AGT Vault Logo Location
(Location Typical for 250 to 20,000 Gallons)

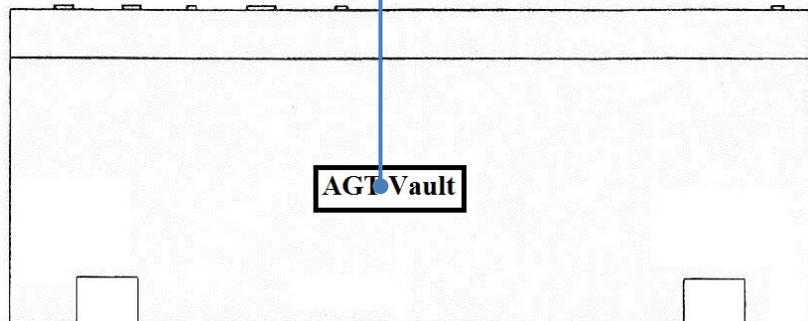
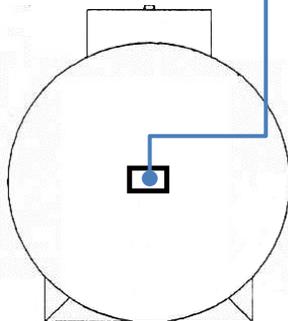


FIGURE 1C-1
PPG High Performance Coatings
Durethane® DTM White Base paint (Component A) and
Durethane® DTM Curing Agent (Component B)



FIGURE 1C-2
PPC™ Enviro-Clad 2600 White (100) Paint Base (A) and
Enviro-Clad 2600 Catalyst (B)

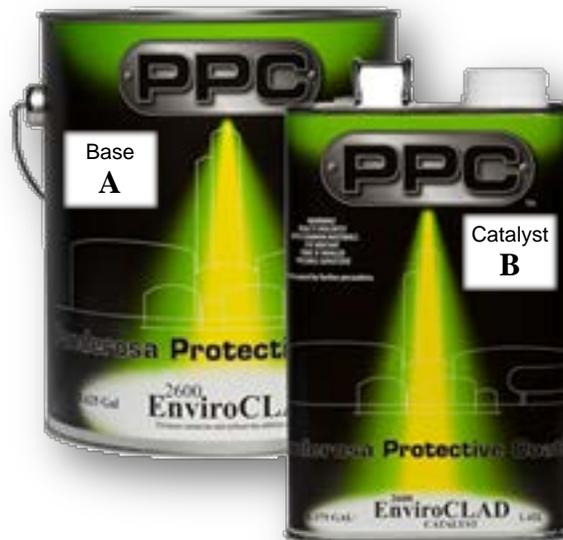


FIGURE 1C-3

Jones-Blair Paint Company
#33014 White Ureprime® HS4 Primer and
#99951 Ureprime® HS4 Primer and
Acrylithane™ HS4 Enamel Catalyst



FIGURE 1C-4

Jones-Blair Paint Company
#4600-040 Acrylithane™ HS4, High Gloss White Acrylic Urethane and
#99951 Ureprime® HS4 Primer and
Acrylithane™ HS4 Enamel Catalyst



Exhibit 2 SYSTEM SPECIFICATIONS

This Exhibit contains the installation, maintenance and compliance standards and specifications applicable to existing installations of the Standing Loss Control vapor recovery systems installed in gasoline dispensing facilities (GDF) using aboveground storage tanks (AST).

GENERAL SPECIFICATIONS

1. Typical white paint application of the Standing Loss Control system to existing AST is shown in Figure 2A-1.
2. Prior to application of white paint, check with the Local Air Districts to ensure that paint VOC content is compliant with district rules.
3. All Standing Loss Control Vapor Recovery System for ASTs shall be installed, operated, and maintained in accordance with the **ARB-Approved Installation, Operation, and Maintenance Manual for the Standing Loss Control Vapor Recovery System for Existing Installations of Aboveground Storage Tanks**.
4. Any repair, removal, or replacement of system components shall be done in accordance the **ARB-Approved Installation, Operation, and Maintenance Manual for the Standing Loss Control Vapor Recovery System of Existing Aboveground Storage Tanks**.
5. The Standing Loss Control system shall comply with the applicable performance standards and specifications in CP-206.¹
6. Existing Protected Aboveground Storage Tanks specified in Exhibit 1 do not need to be repainted if equipped with the original equipment manufacturer's color, and have been maintained in accordance with the **ARB-Approved Installation, Operation, and Maintenance Manual for the Standing Loss Control Vapor Recovery System of Existing Aboveground Storage Tanks (IOM)**. If repainting is necessary per the IOM, the operator shall apply one of the certified coating systems listed in Exhibit 1, or contact the original equipment manufacturer and obtain the coating system applied to the tank upon production. Please see General Specification #2 prior to the application of white painting coating system.¹

¹ If a protected tank is not painted with the original equipment manufacturer's color, then it is to be painted with a certified coating from Exhibit 1 of VR-301 or the original equipment manufacturer coating system, subject to Local Air District approval prior to application.

INSTALLATION OF STANDING LOSS CONTROL VAPOR RECOVERY SYSTEM FOR EXISTING ASTS

White Paint for Existing AST

1. Only the white paint listed in Exhibit 1 shall be applied to any GDF AST unless the exemption expressed in item 6 of General Specifications applies.
2. Prior to the application of the white paint, the surface of the AST shall be prepared per the paint manufacturer's specifications listed in **ARB-Approved Installation, Operation, and Maintenance Manual for the Standing Loss Control Vapor Recovery System for Existing Installations of Aboveground Storage Tanks**.
3. The white paint shall be applied per the manufacturer's specifications. The surface of the tank must be painted white except for the application of the manufacturer's name/model numbers and safety decals.
4. Each GDF owner/operator shall maintain the following documentation for compliance determination (Table 2-1):
 - a. Record of Receipt of Sale that demonstrates the purchase date and amount of product purchased.
 - b. Record of the name and affiliation of personnel applying white paint to include the date of application, surface preparation description (i.e. scraping, sanding, abrasive blasting, primer etc.), method of application (i.e. brush, roller, air/airless sprayer), mix ratio, average ambient temperature (°F) during application, and atmospheric observations during application (i.e. sunny, cloudy, rain, etc.). An example of a Standing Loss Control Installation Record is shown in Figure 2A-3.
 - c. Record of the name and affiliation of personnel that installed the pressure/vacuum vent valves (P/V valve).
 - d. Technical Data Sheet and/or Material Safety Data Sheet of the white paint that describes the surface preparation, application, and material safety of the white paint.

Maintenance for Existing ASTs

1. Each GDF owner/operator shall keep records of maintenance performed at the facility. Such record shall be maintained on site or in accordance with district requirements or policies. Additional information may be required in accordance with district requirements or policies. The records shall include the maintenance or test date, repair date to correct test failure, maintenance or test performed, affiliation, telephone number, and name of individual conducting maintenance or test. Required maintenance for existing ASTs can be found in Table 2-2. An example of a Standing Loss Control Maintenance Record is shown in Figure 2A-4.

2. Maintenance shall be conducted in accordance with the maintenance section of **ARB-Approved Installation, Operation, and Maintenance Manual for the Standing Loss Control Vapor Recovery System for Existing Installations of Aboveground Storage Tanks.**

Compliance Requirements for Existing ASTs

1. Pressure/Vacuum Vent Valves for Aboveground Storage Tank Vent Pipes
 - a. No more than three certified P/V valves listed in Exhibit 1 shall be installed on any GDF AST system.
 - b. Compliance determination of the following P/V valve performance specifications shall be at the option of the districts (Table 2-1):
 - i. The leak rate of each P/V valve shall not exceed 0.05 cubic feet per hour (CFH) at 2.00 inches of water column (W.C.) positive pressure and 0.21 CFH at -4.00 inches of W.C. negative pressure as determined by TP-201.1E, **Leak Rate and Cracking Pressure of Pressure/Vacuum Vent Valves** (October 8, 2003).
 - ii. The positive pressure setting is 2.5 to 6.0 inches of W.C. and the negative pressure setting is 6.0 to 10.0 inches of W.C. as determined by TP-201.1E, **Leak Rate and Cracking Pressure of Pressure/Vacuum Vent Valves** (October 8, 2003).
 - c. A manifold may be installed on the vent pipes to reduce the number of potential leak sources and P/V valves installed.
 - i. Vent pipe manifolds shall be constructed of steel pipe or an equivalent material that has been listed for use with gasoline. If a material other than steel is used, the GDF operator shall make available information demonstrating that the material is compatible for use with gasoline. One example of a typical vent pipe manifold is shown in Figure 2A-2. This shows only one typical configuration; other manifold configurations may be used. For example, a tee may be located in a different position, or fewer pipes may be connected, or more than one P/V valve may be installed on the manifold.
 - ii. Wherever feasible, the minimum downward slope of the vapor piping between the vapor risers of each tank shall be at least one-eighth (1/8) inch per foot of run.
 - d. Each P/V valve shall have permanently affixed to it a yellow or gold-colored label with black lettering stating the following specifications:

Positive pressure setting: 2.5 to 6.0 inches W.C.
Negative pressure setting: 6.0 to 10.0 inches W.C.
Positive Leakrate: 0.05 CFH at 2.0 inches W.C.
Negative Leakrate: 0.21 CFH at -4.0 inches W.C.

TABLE 2-1
Gasoline Dispensing Facility Compliance Standards and Specifications

Component	Test Method	Standard or Specification
P/V Valve ²	TP-201.1E	Positive pressure setting: 2.5 to 6.0 inches W.C. Negative pressure setting: 6.0 to 10.0 inches W.C. Positive Leak rate: 0.05 CFH at 2.0 inches W.C. Negative Leak rate: 0.21 CFH at -4.0 inches W.C.
White Paint	Documentation Verification	Receipt of Sale Certified Technician or Paint Applicator Affiliation Date of Application Surface Preparation Method of Application Mix ratio Average Ambient Temperature Atmospheric Observations Technical Data Sheet/MSDS

TABLE 2-2
Maintenance Intervals for Standing Loss Control System Components
(Reference Exhibit 1 for a list of certified components)

Component	Manufacturer	Maintenance Interval
P/V Valve	Husky	Varies ³
	Franklin Fueling Systems	Varies ³
White Paint	All Manufacturers	Varies ³
Protected AST	SuperVault MH	Varies ³
	Steel Tank Institute	Varies ³
	ConVault Inc	Varies ³
	Containment Solutions, Inc	Varies ³
	Jensen Precast	Varies ³
	Above Ground Tank Vault	Varies ³

² Compliance determination is at the option of the district.

³ See *ARB – Approved Installation, Operation, and Maintenance Manual* for the Standing Loss Control Vapor Recovery System for Existing Installations of Aboveground Storage Tanks for more details.

FIGURE 2A-1
Typical installation of the Standing Loss Control system to an existing AST

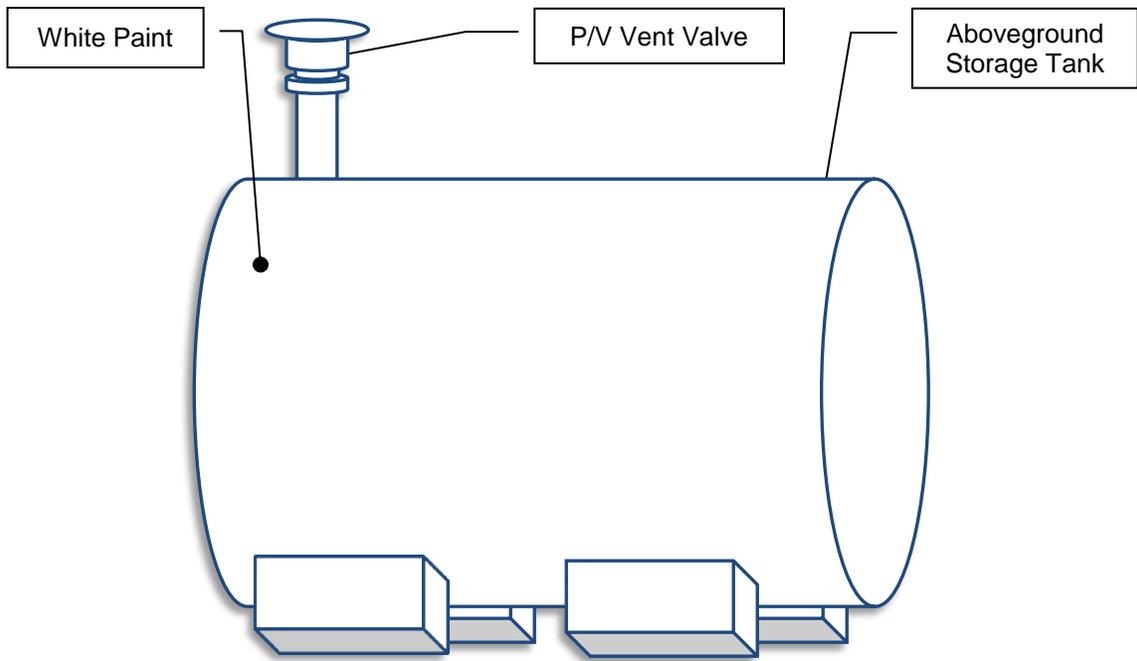
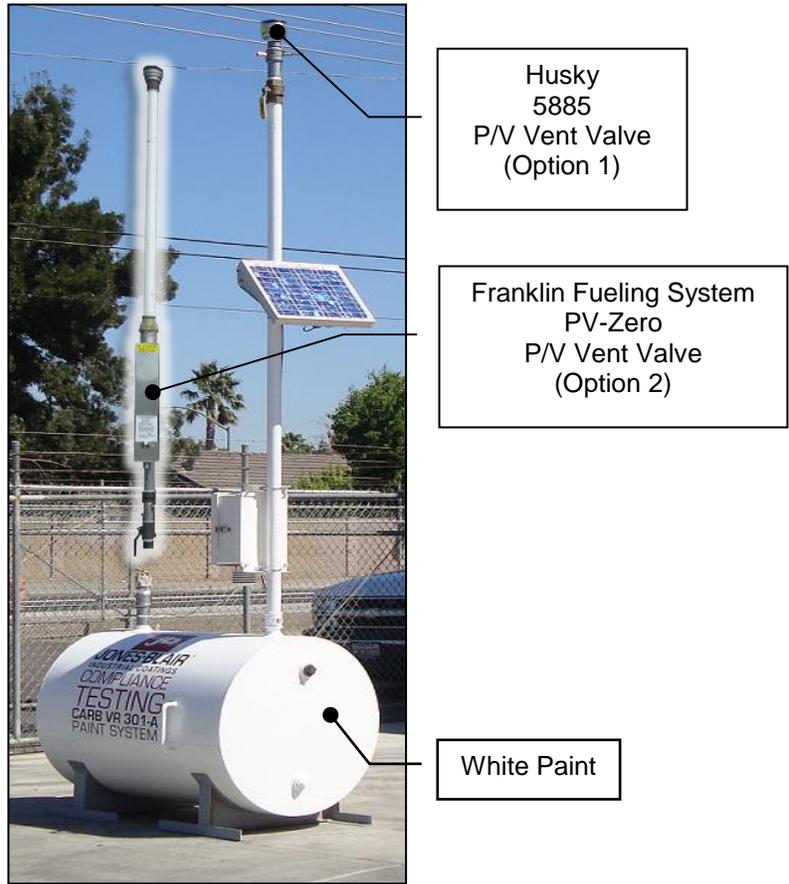
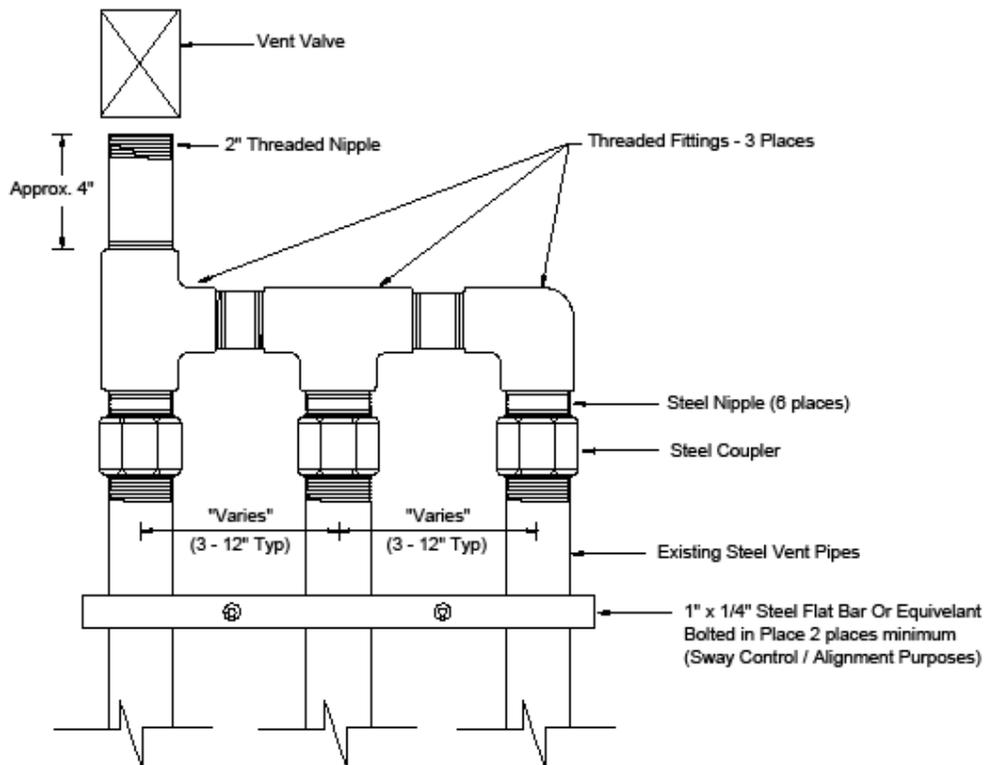


FIGURE 2A-2
Pressure/Vacuum Vent Valve Manifold Example



Note: This shows one typical configuration; other manifold configurations may be used. For example, a tee may be located in a different position, or fewer pipes may be connected, or more than one P/V valve may be installed on the manifold.

FIGURE 2A-3
Example of a GDF Standing Loss Control Installation Record

Name, Affiliation, and Contact Information of Person/Company Installing P/V Valve and/or Preparing and Applying			
Average Ambient Temperature and Atmospheric Observations (for White Paint Applications)			
Method of Surface Preparation and Application (for White Paint Only)			
Mix Ratio			
Date of Application			
Product Purchase Date and Quantity of Product Purchased			
AST Manufacturer, Model, Serial Number, or other ID Information			

FIGURE 2A-4
Example of a GDF Standing Loss Control Maintenance Record

Name and Contact Information of Person/Company Conducting Maintenance or Test(s)			
Affiliation			
Maintenance/Test/Inspection Performed and Outcome			
Repair Date to Correct Test Failure			
Date of Maintenance/Test/Inspection/Failure			

EXECUTIVE ORDER VR-301-F
Standing Loss Control Vapor Recovery System for
Existing Installations of Aboveground Storage Tanks

Exhibit 3
MANUFACTURING PERFORMANCE STANDARDS AND SPECIFICATIONS

The Standing Loss Control Vapor Recovery System and all components shall be manufactured in compliance with the performance standard and specifications in CP-206, as well as the requirements specified in this Executive Order. All components shall be manufactured as certified; no change to the equipment, parts, design, materials or manufacturing process shall be made unless approved in writing by the Executive Officer. Unless specified in Exhibit 2 or in the ***ARB approved Installation, Operation and Maintenance Manual for the Standing Loss Control Vapor Recovery System for Existing Installations of Aboveground Storage Tanks***, the requirements of this section apply to the manufacturing process and are not appropriate for determining the compliance status of a Gasoline Dispensing Facility (GDF).

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General Note

1. Unless otherwise specified in this Exhibit, reference Exhibit 1 of this Executive Order for typical location of UL placard.

Pressure/Vacuum Vent Valves of Aboveground Storage Tank Vent Pipes

1. Each Pressure/Vacuum Vent Valve (P/V valve) shall be performance tested at the factory for cracking pressure and leak rate at each specified pressure setting and shall be done in accordance with **TP-201.1E, *Leak Rate and Cracking Pressure of Pressure/Vacuum Vent Valves*** (October 8, 2003).
2. Each P/V valve shall be shipped with a card or label stating the performance specifications listed in Table 3-1, and a statement that the P/V valve was tested to, and met, these specifications.
3. Each P/V valve shall have permanently affixed to it a yellow or gold label with black lettering listing the positive and negative pressure settings listed in Table 3-1. The lettering of the label shall have a minimum font size of 20.

SuperVault MH Series Protected Aboveground Storage Tanks

1. All primary and secondary walls on the SuperVault ASTs will be constructed with a minimum 3/16" thick steel and contain a 6" interstice (interior wall space). The 6" interstice will be filled with a light weight concrete mixture per manufacturer's specifications.
2. All SuperVault ASTs will be tested during the fabrication process by applying 5 psi of positive pressure internally and externally applying a leak detecting solution to all seams and joints. This test is performed on both the primary and the secondary tanks per manufacturer's specifications.
3. All SuperVault ASTs will be affixed with a brass data plate indicating the manufacturer, model, serial, and the "SwRI" logo indicating compliance with other national standards
4. A quality control inspector will conduct the final visual check on the SuperVault AST before delivery.

Steel Tank Institute Fireguard Protected Aboveground Storage Tanks

1. All primary and secondary walls on the Fireguard ASTs will be constructed with a minimum 1/8" (10 gauge) thick steel and contain either a 3" or 6" interstice (interior wall space). The interstice will be filled with a propriety concrete mixture per manufacturer's specifications.
2. All Fireguard ASTs will be tested during the fabrication process by applying 1.5 to 5 psi to the primary as well as the interstice to verify the leak integrity per manufacturer's specifications.

3. All Fireguard ASTs will be affixed with the “*Fireguard*” logo indicating the AST series. Also, a separate vinyl adhesive sticker will be on each Fireguard AST indicating the serial number.

ConVault Protected Aboveground Storage Tanks

1. All primary tank steel plates will be constructed with a minimum of 1/8” for tanks with 1,000 gallon capacity or less and with a minimum of 3/16” for tanks 1,500 or larger. All parts of steel tank must be constructed in accordance with UL 142 Standard. Primary tank shall be pressure tested to 5 psig for a period of 24 to 48 hours.
2. Secondary containment of ConVault AST shall be manufactured with a minimum of 1/4” Styrofoam, 30 mil thick High Density Polyethylene (HDPE) liner and 6” thick reinforced concrete. Concrete shall have a minimum of 4,000 psig compressive strength for tanks 2,000 gallon and smaller and 5,000 psig for tank larger than 2,000 gallon. Secondary containment should be vacuum tested to 10 inch mercury in accordance with the manufacturer and UL approved testing procedures.
3. All primary tanks shall be pressure tested both at the steel fabricating plant and at the pre-casting plant. The secondary containment at pre-casting plant shall be vacuum tested. Additional tests performed on the concrete will include: a slump test, an air entrainment on wet concrete and a compressive concrete strength test for the duration of 7 days, 14 days and 28 days.
4. All connections to the primary tank should be either powder coated in accordance with manufacturer Powder Coating Specifications or made of stainless steel to resist corrosion.
5. All ConVault AST will be affixed with a metal plate indicating the manufacturer, tank model and UL serial number indicating compliance with national fire codes and standards.
6. A quality control inspection will be performed on each tank during the manufacturing process and also prior to the tank delivery. The inspection is performed by quality control personnel that is independent of production personnel. To ensure quality control standard checklists are utilized for inspection. There are separate checklists for the steel tank, pre-casting of vault, and installation of the tank.

Containment Solutions, Inc. Hoover Vault Protected Aboveground Storage Tanks

1. All primary and secondary walls on the Hoover Vault ASTs will be constructed with a minimum 3/16” thick steel and contain a 4” to 6” interstice. The interstice will be filled with a light weight concrete mixture per manufacturer’s specifications.
2. The primary storage tank is constructed and listed in accordance with UL 142 Standards. Per UL 142, the primary tank is pressure tested at the factory (3 to 5 psi) and in the field by the contractor (to a maximum 3 psi).

3. The secondary tank is designed and listed according to UL 2085 (insulated secondary ASTs). The secondary tank is tested liquid tight at the factory (3 to 5 psi) and in the field by the contractor (to a maximum 3 psi).
4. The exterior surface of the secondary tank shall be cleansed of foreign material and coated with a corrosion resistant industrial paint with a standard color of desert sand.
5. The tank shall be labeled with a metal plate indicating the manufacturer, tank model and UL serial number indicating compliance with national fire codes and standards.

Jensen Precast Armor Cast Protected Aboveground Storage Tanks

1. General

- 1.1 The fuel containment system shall be designed and tested in strict accordance with UL subject 2085 listing. The UL subject 2085 listing for insulated above ground tanks for flammable liquids shall encompass both fire protective and fire resistance.
- 1.2 The tank owner is responsible for ensuring that the fuel containment system shall meet all local, state, and federal codes pertaining to above, around storage of flammable and combustible liquids including N.F.P.A. 30 and 30A and the Uniform Fire Code 79-7.
- 1.3 Numbered brass plaques issued by Underwriters Laboratories, Inc. confirming UL subject 2085 listing shall be installed on the vault and be clearly visible to inspectors and shall identify plant location.

2. Primary Containment Tank

- 2.1 The primary tank shall be manufactured from mild carbon steel with a thickness of 10 gauge or greater.
- 2.2 The primary tank shall comply with UL 142 and NFPA 30 specifications applicable to above ground flammable liquid storage.
- 2.3 The primary tank exterior shall be coated with a rust inhibiting oxide primer.
- 2.4 The primary tank shall be pressure tested to hold 3 psi for a 1 hour period. Test results shall be kept on file by the manufacturer and be available to inspectors.
- 2.5 The primary tank shall be cast as an integral part of the concrete lid and must allow for future visual inspection, repair or recycling of the tank components.

3. Insulation

- 3.1 A minimum of 1" thick rigid polystyrene insulation shall be permanently affixed to the inside of the concrete encasement.

- 3.2 Insulation shall be located between the 6" thick concrete encasement and the 30 mil liner to ensure protection in case of primary tank failure.

4. Tertiary Concrete Encasement

- 4.1 The concrete encasement shall be a one piece monolithically cast concrete vault, with removable and accessible cast in place interlocking beveled and sealed top lid, therefore facilitating repairs, required visual inspections, or service to primary tank.
- 4.2 The concrete encasement shall be a minimum of 6" thick and have a minimum compressive strength of 4000 psi.
- 4.3 The concrete encasement reinforcement shall be in accordance with ASTM A615 and/or ASTM A185. The steel reinforcing schedule shall be either 6" X 6" X 6 gauges steel mesh wire and/or equivalent to #4 steel rod — tied 12" on centers each way.
- 4.4 The concrete encasement shall be designed and tested to provide a minimum 2 hour fire protection for the primary tank, in strict accordance with UL Subject 2085 listing.
- 4.5 The sealant securing the lid to the concrete encasement shall be a UL listed system providing a minimum four (4) hour fire protection and conform to the uniform fire code standards for rapid rise fire tests.
- 4.6 The containment system shall allow for the introduction of monitoring (leak detection) devices in the tertiary containment space by means of a 2" diameter leak detection tube.
- 4.7 Provisions for seismic restraints shall be installed where required by code.

5. Exterior Protection

- 5.1 The concrete surface shall be clean, dry, completely cured, and free of any form of release agents.
- 5.2 The exterior surface shall be one of two (2) finish treatments.
- (1) Finished Exterior shall be Exposed Aggregate finish with a Clear Fuel Resistant Epoxy Coating.
 - (2) Finished Exterior shall be colored (Standard Color White) 2-Part Fuel Resistant Epoxy Coating.
- 5.3 The primer coat shall be a two part epoxy for the primer (one coat).
- 5.4 The two finish coats shall be a high quality two part epoxy and be resistant to petroleum products. Standard color shall be white unless noted otherwise.

- 5.5 Labels and safety decals shall be applied at the factory in controlled conditions ensuring proper adhesion.

6. Auxiliary Equipment and Accessories

- 6.1 Steel or Aluminum ladders shall be included. Stairs and railing shall be available as shown on drawings or as site conditions warrant.
- 6.2 A protective primer coating shall be applied to all equipment hardware to prevent corrosive bleeding onto the tank.
- 6.3 Two finish coats of protective rust inhibiting enamel shall be applied to all equipment hardware to prevent corrosive bleeding onto the tank.

7. Concrete Foundation Slabs

- 7.1 The concrete vaulted containment system shall be set on a concrete foundation or onto a level aggregate prepared surface in strict accordance with the manufacturer's recommendations and must be specific to bearing weight and site conditions. Length, width, and thickness will vary depending upon vault size and site conditions.
- 7.2 The foundation slab shall be reinforced concrete formed and poured at the job site or shall be reinforced pre-cast concrete. Non-shrink grout or an elastomeric bearing pad shall be placed between the support legs and the concrete foundation slab to ensure uniform bearing.

Above Ground Tank Vault Protected Aboveground Storage Tanks

1. All primary and secondary walls on the Above Ground Tank Vault (AGT Vault) ASTs will be constructed with a minimum 10 gage thick steel and will comply with the UL standard of UL 142 and contain a 5" interstice (interior wall space). The 5" interstice will be filled with a sand filler per manufacturer's specifications.
2. All AGT Vault ASTs will be tested during the fabrication process by applying 5 psi of positive pressure internally and externally applying a leak detecting solution to all seams and joints. This test is performed on both the primary and the secondary tanks per manufacturer's specifications and the UL 142 specifications.
3. All AGT Vault ASTs will be affixed with a brass data plate indicating the manufacturer, model, serial, and the "Underwriters Laboratory" logo indicating compliance with other national standards
4. A quality control inspector will conduct inspections periodically as by U.L. requirements.

White Paint Coatings of Aboveground Storage Tank Surface

1. Each white paint coating batch shall be performance tested at the factory to verify it meets the manufacturer's quality assurance/quality control standards consistent with ISO 9001, Underwriter Laboratory (UL), and/or American Standards for Testing and Materials (ASTM) guidelines for the paint/coating industry.
2. Each white paint coating will be shipped with an original receipt of sale, technical data sheet, and material safety data sheet.

TABLE 3-1

Manufacturing Performance Standards and Specifications

Component	Test Method	Standard or Specification
Pressure/Vacuum Vent Valve	TP-201.1E	<ul style="list-style-type: none"> Positive pressure setting: 2.5 to 6.0 inches W.C. Negative pressure setting: 6.0 to 10.0 inches W.C. Positive Leakrate: 0.05 CFH at 2.0 inches W.C. Negative Leakrate: 0.21 CFH at -4.0 inches W.C.
White Paint Coating	Manufacturer's QA/QC	<ul style="list-style-type: none"> Batch Factory Tested Shipped with receipt of sale, technical data sheet, and material safety data sheet
SuperVault MH Series AST	Manufacturer's QA/QC	<ul style="list-style-type: none"> Leak test on primary and secondary tank Brass data plate indicating AST specifications
Steel Tank Institute Fireguard AST	Manufacturer's QA/QC	<ul style="list-style-type: none"> Leak test on primary and secondary tank Vinyl adhesive sticker indicating model and serial number
ConVault, Inc ConVault AST	Manufacturer's QA/QC	<ul style="list-style-type: none"> Leak test on primary and secondary containment UL Metal plate indicating model and serial number
Containment Solutions, Inc Hoover Vault AST	Manufacturer's QA/QC	<ul style="list-style-type: none"> Leak test on primary and secondary containment Metal plate indicating AST specifications and UL standards
Jensen Precast Armor Cast AST	Manufacturer's QA/QC	<ul style="list-style-type: none"> Pressure Leak test on primary tank. Vacuum leak test on secondary containment. Metal plate indicating model number. UL metal plate provides serial number.
AGT Vault AST	Manufacturer's QA/QC	<ul style="list-style-type: none"> Pressure Leak test on primary and secondary tank Metal plate indicating model number. UL metal plate provides serial number.

EXECUTIVE ORDER VR-301-F
Standing Loss Control Vapor Recovery System for
Existing Installations of Aboveground Storage Tanks

Exhibit 4
STANDING LOSS CONTROL VAPOR RECOVERY SYSTEM WARRANTY

This limited warranty is given by Standing Loss Control System manufacturer to the purchaser of the system or products. Standing Loss Control Systems or products are warranted to be free from defect in material and workmanship under normal use, service, proper installation, and maintenance per manufacturer specifications.

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PRESSURE/VACUUM VENT VALVES (P/V VALVE)

1. Husky P/V Valve 5885

VAPOR PRODUCTS – Husky Corporation will, at its option, repair, replace, or credit the purchase price of any Husky manufactured product which proves upon examination by Husky, to be defective in material and/or workmanship for a period of one (1) year of installation or fifteen (15) months from the manufacture date of shipment by Husky, whichever occurs first. The warranty period on repaired or replacement vapor recovery products is only for the remainder of the warranty period of the defective product.

EVR PRODUCTS – With respect to EVR products installed in California, for a period of one (1) year from the date of installation, Husky warrants that the product will be free from defects in materials and workmanship (if the installation date is in question or indeterminable, Husky will warrant the product for 12 months from sale by Husky). Husky confirms that the warranty is transferable to a subsequent purchaser within the warranty period. However, the warranty does not follow the product from its initial installation location to succeeding locations. Husky confirms these products are warranted to meet the performance standards and specifications to which it was certified by CARB for the duration of the warranty. EVR products must be installed per CARB Executive Order and must follow the Husky Installation Instructions or the warranty is void. The warranty tag included with the EVR product must be provided to the end user at installation. A completed warranty tag and installation documentation is required to be returned with the product to be eligible for warranty consideration.

CONVENTIONAL PRODUCTS – Husky Corporation will, at its option, repair, replace, or credit the purchase price of any Husky manufactured product which proves upon examination by Husky, to be defective in material and/or workmanship for a period of one (1) year from the manufacture date of shipment by Husky.

Buyer must return the products to Husky, transportation charges prepaid. This Warranty excludes the replaceable bellows, bellows spring assembly, spout assembly and scuff guard, unless (i) damage is obvious when the product is removed from shipping carton and (ii) the defective product is returned to Husky prior to use. This warranty does not apply to equipment or parts which have been installed improperly, damaged by misuse, improper operation or maintenance, or which are altered or repaired in any way.

The warranty provisions contained herein apply only to original purchasers who use the equipment for commercial or industrial purposes. There are no other warranties of merchantability, fitness for a particular purpose, or otherwise, and any other such warranties are hereby specifically disclaimed.

Husky assumes no liability for labor charges or other costs incurred by Buyer incidental to the service, adjustment, repair, return, removal or replacement of products. Husky assumes no liability for any incidental, consequential, or other damages under any warranty, express or implied, and all such liability is hereby expressly excluded.

Husky reserves the right to change or improve the design of any Husky fuel dispensing equipment without assuming any obligations to modify any fuel dispensing equipment previously manufactured.



WARRANTY TAG
Husky Corporation
2325 Husky Way
Pacific, Mo 63069
(800) 325-3558

**Husky
General Fueling Products:**

Station Name: _____

Store #: _____ Date: _____

City: _____ State: _____

Service Contractor: _____

Service Tech: _____

Distributor: _____

No warranty accepted without warranty tag filled out completely and attached to product.

Model #: _____

Serial #: _____

Installation Date: _____

Manufacturer Lot #: _____

Work order # (if applicable): _____

RGA #: _____

Form #009179-6 03/2013

FRONT VIEW

Reason for Return (check all applicable):

Leaking Fuel Around Spout

Leaking Fuel In Trigger Area

Keeps Shutting Off

Will Not Shut Off

Failed Pressure Decay Test

Leaking Fuel at Hose Inlet

Mechanical Malfunction

Dispenses Fuel Without Pulling Lever

Notes / Comments: _____

EVR products installed in California are warranted for 1 year from the date of installation. Manufacturing data can be found on the product data tag attached to the product. Husky confirms the product was tested at the factory and met all applicable performance standards in CP-201 including Pressure Setting: 2.5-6.0 in W.C., Vacuum Setting: 6.0 - 10.0 in W.C. and Leak Rate: 0.05 CFH @ +2.0 in W.C. and 0.21 CFH @ -4.0 in W.C. Please provide installation documentation such as a purchase order, an invoice or a receipt at time of claim.

BACK VIEW

FOR REFERENCE ONLY

2. Franklin Fueling Systems PV-Zero P/V Valve

Franklin Fueling Systems (FFS) Enhanced Vapor Recovery (EVR) products are offered for sale under the brand names of Healy, INCON, Phil-Tite, EBW, and Franklin Fueling Systems (collectively referred to as "FFS EVR products"). FFS EVR products are fully tested at the time of manufacture to meet the applicable performance standards and specifications to which it was certified by the California Air Resource Board (CARB) for the duration of the warranty period, as indicated in the related CARB Executive Order (EO). Performance standards and specifications are listed in Exhibit 2 (System/Compliance Specifications) and Exhibit 3 (Manufacturing Performance Standards) in the related CARB EO.

FFS warrants that FFS EVR products installed in California will conform to the warranty terms and conditions required by the California Certification Procedure for Vapor Recovery Systems at Gasoline Dispensing Facilities (CP-201) with respect to (a) transferability of warranties for FFS EVR products, (b) design changes to FFS EVR products, (c) performance specifications of the FFS EVR products, and (d) duration of the warranty period of FFS EVR products.

FFS EVR products are warranted to the initial purchaser, and any subsequent purchaser within the warranty period, for workmanship, performance, and materials when properly installed, used and maintained in accordance with the CARB Approved Installation, Operation, and Maintenance Manuals by certified technicians or an owner/operator as defined in the related CARB EO and to generally accepted industry standards.

FFS reserves the right to make changes in the design or to make additions or improvements with respect to FFS EVR products without incurring any obligation to modify or install same on previously manufactured products, upon written approval from CARB.

FFS reserves the right to change or cancel all or any part of this limited warranty, upon written approval from CARB. Any such change or cancellation will be effective for products sold by FFS after the date of such change or cancellation. No agents, distributors, dealers, or employees of FFS are authorized to make modifications to this warranty or to make additional warranties with respect to any FFS EVR products. Accordingly, any statements made by individuals, whether oral or written, shall not constitute a warranty of FFS and shall not be relied upon.

FFS warrants the workmanship and materials of FFS EVR products to be free of defects, at the time of sale by FFS, for a period of one year (12 months) from the date of installation. When warranty for FFS EVR products cannot be verified to date of installation, claims will be honored for a period of fifteen (15) months from the date of purchase. When warranty for FFS EVR product cannot be verified to date of installation or date of purchase, claims will be honored for a period of eighteen (18) months from date of manufacture by FFS (for location of date of manufacture on components, see related CARB EO Exhibit 1 – Equipment List). In all cases, installation date or purchase date will require providing formal documentation to FFS as evidence of applicable warranty coverage or date of manufacture will be used to determine duration of warranty period. Formal documentation may include, but is not limited to, FFS authorized service company and distributor work orders, startup/installation documentation, maintenance logs, and/or sales receipts.

FFS shall not be liable for any loss or damage whatsoever, including, without limitation, loss in profits, loss in sales, loss of fuel or other products, loss of use of equipment, facilities or service, costs of environmental remediation, diminution in property value, or any other special, incidental or consequential damages of any type or nature, and all such losses or damages are hereby disclaimed and excluded from this limited warranty.

Use of non-FFS replacement parts, the unauthorized addition of non-FFS items to FFS EVR products, and the unauthorized alteration of FFS EVR products will void warranty. FFS shall, as to each defect, be relieved of all obligations and liabilities under a components warranty if the FFS EVR products have been operated with any accessory, equipment, or a part not specifically approved by FFS and not manufactured by FFS to FFS design and specifications.

FFS EVR product warranty shall not apply to any products which have been mishandled, incorrectly installed or applied, altered in any way, which has been repaired by any party other than qualified technicians, or when such failure is due to misuse or conditions of use (such as, but not limited to, blown fuses, sheared breakaway screws, corrosion damage, negligence, accidents, or normal wear of plastic/rubber parts including scuff guards and seals). FFS EVR product warranty shall not apply to acts of terrorism, acts of war, or acts of God (such as, but not limited to, fire, flood, earthquake, or explosion). Unless otherwise expressly provided in a specific FFS written warranty, FFS does not provide coverage for labor or shipping charges, shall not be liable for any costs or charges attributable to any product testing, maintenance, installation, repair or removal, or any tools, supplies, or equipment need to install, repair, or remove any FFS EVR product.

Other than those FFS EVR products specifically designated for fuel concentrations of 85% ethanol with 15% gasoline (E85), FFS EVR product warranty shall not cover any components that have been in contact with fuel concentrations greater than 15% ethanol or 15% methanol by volume (up to E15/M15).

Claims for FFS EVR product warranty must be submitted in writing promptly after discovery of a defect with a Returned Goods Authorization (RGA) Number from FFS. FFS will honor warranty claims processed through FFS authorized service companies and distributors only. FFS will honor warranty claims submitted no more than thirty (30) days after the end of the applicable warranty period. Product returned for warranty inspection must be shipped freight prepaid to FFS's facilities, with the RGA Number indicated on the returned product, to the following address for inspection:

INCON branded products:
Franklin Fueling Systems, Inc
ATTN: Warranty Department
34 Spring Hill Road
Saco, ME 04072 USA

All other FFS EVR Products:
Franklin Fueling Systems, Inc.
ATTN: Warranty Department
3760 Marsh Road
Madison, WI 53718 USA

Franklin Fueling Systems, upon inspection and after determination of a warranty defect, will at its option, repair or replace defective parts returned to FFS's facility or where the product is in use. Repaired or replaced parts will be returned freight prepaid by FFS.

A copy of this limited warranty is to be retained with the equipment, on-site with the facility owner/operator.

Component Model Number: _____

Component Date of Manufacturer: _____

Component Install Date: _____

Facility Name: _____

Facility Address: _____

Installer Name: _____

Installer Signature _____

PROTECTED ABOVEGROUND STORAGE TANKS (AST)

3. SuperVault MH Series AST

***SUPERVAULT MH
LIMITED WARRANTY
MULTI-HAZARD RATED PROTECTED
ABOVEGROUND FUEL STORAGE TANKS
FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS***

Manufacturer warrants, to the original Tank Owner at the original installation site, its SuperVault MH protected aboveground fuel storage tanks against;

- (i) The release of stored product from any secondary containment tank;*
- (ii) The failure of the primary tank as a result of non-corrosion related cracking, collapse or breakup; and*
- (iii) Internal corrosion if the product is stored within the tank at ambient temperatures and consists of gasoline, gasohol, jet fuel, av.-gas, kerosene, diesel fuel, bio-diesel, new or used motor oil, E-5, E-10, E-15 E-85, 100% ethanol, 100% methanol, anti-freeze or other product compatible with steel for a period of thirty (30) years from the date of delivery when installed, operated and maintained in accordance with local, state, and federal regulations, Manufacturer's published instructions and marking, and the conditions set forth herein. In addition, the Manufacturer warrants the tank against failure due to defective materials and workmanship for a period of 12 months following the date of installation of the tank.*

This tank has been factory tested and will comply for the 12 month warranty period with all applicable performance standards and specifications to which it was tested; ARB CP-206; UL2085.

This warranty does not cover damage resulting from accident, misuse, abuse, storage of contaminated product, acts of God, failure to perform reasonable care or maintenance, repairs and/or modifications made by non-authorized persons, or the affixing or attachment of any unauthorized* fixture or equipment to the tank. This warranty is limited to the materials and workmanship of the tank only and does not warrant internal or external coatings, decals, signs, vents, or any hardware or equipment installed on or used with the tank. To maintain this warranty, the owner must conduct visual inspections for leaks at least once each week, and keep a written record of these inspections or in the case of remote installations, on a schedule approved by the manufacturer. Tank Owner must immediately notify the Manufacturer and Reseller, if any, of any deficiencies encountered in the tank.*

Manufacturer's liability under this warranty shall be limited to, at the Manufacturer's option, (a) repair of the defective tank, or (b) delivery of a replacement tank to the original point of sale, or (c) refund of the original purchase price of the tank. Manufacturer is not responsible or liable for special, incidental, or consequential damages of any kind or for costs due to loss of use, loss of profits or revenue, or unauthorized removal, repair, or replacement.*

This warranty may be transferred if the tank is sold to a new Owner but remains at its original installation location. All warranty transfers must be documented in writing and submitted to the tank manufacturer including date of transfer and new owner's contact information.

** All authorizations must be in writing from the Manufacturer to the Tank Owner.*

THE FOREGOING CONSTITUTES THE MANUFACTURER'S TOTAL AND EXCLUSIVE OBLIGATION AND TANK OWNER'S SOLE AND EXCLUSIVE REMEDY AND MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY SPECIFIC PURPOSE.

Tank Owner:

Installation Site Address:

Serial Number(s):

Date of Purchase:

Date of Manufacture:

Manufacturer: Modern Custom Fabrication, Inc., P.O. Box 11925, Fresno, CA 93775

Signed: _____ Date: _____

4. Steel Tank Institute - Fireguard AST

Fireguard[®] LIMITED WARRANTY Limitations of Liability and Disclaimer

What is Covered by this Warranty

Provided that the conditions set forth below are satisfied, the steel tank manufacturer identified with the tank (hereinafter referred to as "Warrantor") warrants the Fireguard[®] tank for one year from the date of original installation by the original tank owner ("the Owner"), against any of the following events which may occur, provided the event occurs under operating conditions covered by this Warranty:

- (A) Release of stored product from any secondary containment tank;
- (B) Failure of the primary tank caused by non-corrosion related cracking, breakup or collapse; and
- (C) Perforation of the primary tank caused by internal corrosion, as long as the product stored within the tank is compatible with steel.

In addition, the Warrantor warrants the tank against failure due to defective materials and workmanship for 12 months following the installation date of the tank by the original Owner.

Conditions to Warranty Effectiveness

The limited warranties set forth herein are subject to the following conditions:

1. The Fireguard[®] tank must be:

- (i) The Original Aboveground Installation within the Continental United States of America, Alaska, Hawaii, and the Commonwealth of Puerto Rico or Canada;
- (ii) Fabricated by the Warrantor so as to meet the Fireguard[®] Specifications; and
- (iii) Installed and maintained in accordance with:
 - (a) The applicable Fireguard[®] specifications and the applicable Fireguard[®] Installation Instructions that were in effect on the date of shipment by the Warrantor; and
 - (b) Any subsequent maintenance procedures of which the Owner has written notice; and
 - (c) Any applicable governmental codes and regulations including ongoing compliance with performance standards and specifications, for the duration of the warranty period.

Refer to the Installation Instructions on the back of this document for technical requirements concerning relocation of this tank by the original owner and any subsequent purchasers, in order to retain warranty eligibility.

2. Upon discovery of a suspected tank failure or leak by the Owner, the Owner shall give the Warrantor written notice of the suspected tank failure or leak and permit the Warrantor or its designated representative to inspect the tank site prior to, during, and after excavation of the tank. The tank owner bears the responsibility to identify that the cause of the failure is from one of the events within the Conditions covered by the Warranty.

3. Upon the Warrantor's determination that the tank failure or leak is covered by this Limited Warranty, the Warrantor at its sole option shall:

- (i) Repair the tank; or
- (ii) Replace it with a tank of approximately the same size, design, quality of material, and workmanship specified for the original tank; or
- (iii) Refund the purchase price of the original tank.

If the Warrantor is unable to repair or replace the tank, it shall refund the original purchase price of the tank.

What is Not Covered by this Warranty

1. Warrantor does not warrant any piping system or any other attachments connected with the tank.
2. This Warranty does not cover STI Generator Base Tanks.
3. Under no circumstances shall the Warrantor be liable for:
 - (i) The cost of repair or replacement of any piping system or other attachments to the tank; or
 - (ii) Labor costs or other installation costs for tank repair or replacement; or
 - (iii) Damage to the tank or other property resulting from the accumulation of water in the tank; or
 - (iv) Damage caused by other improper operating or maintenance practices; or
 - (v) Tank failure due to defective materials and workmanship later than one year following the date of installation of the tank by the owner; or
 - (vi) Cost of repair or replacement of internal linings or external coatings.

Limitation of Liability and Exclusion of Other Remedies and Damages

The foregoing remedy of repair, replacement, or refund shall constitute the sole and exclusive remedy to the Owner. Under no circumstances shall the liability of the Warrantor or its affiliates or subsidiaries under this warranty exceed the purchase price of the tank.

IN NO EVENT SHALL THE WARRANTOR, OR ITS AFFILIATES OR SUBSIDIARIES, BE LIABLE FOR CLAIMS OF PERSONAL INJURY OR FOR SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR REVENUE, LOSS OF USE OF THE TANK OR ANY ASSOCIATED EQUIPMENT, COST OF CAPITAL, COST OF THE SUBSTITUTE EQUIPMENT, FACILITIES OR SERVICES, DOWNTIME COST, CLAIMS OF CUSTOMERS OF THE OWNER FOR SUCH DAMAGES, OR FOR DAMAGE TO PROPERTY, WHETHER SUCH CLAIM SHALL BE FOR BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE OR STRICT LIABILITY, AND WHETHER SUCH CLAIM ARISES OUT OF OR RESULTS FROM THIS LIMITED WARRANTY, OR EXPRESS OR IMPLIED WARRANTIES, OR FROM THE DESIGN, MANUFACTURE, SALE, DELIVERY, RESALE, INSTALLATION, TECHNICAL DIRECTION OF INSTALLATION, INSPECTION, REPAIR, OPERATION OR USE OF THE TANK.

Consumer Notice

The exclusion of indirect or consequential damages and the limitation of implied warranties herein may not be applicable to purchasers who are deemed "consumers" and who reside in states that do not allow the limitation of implied warranties or the exclusion of indirect or consequential damages otherwise applicable to consumers. Moreover, if you are deemed a "consumer," you may have specific legal rights in addition to those set forth in this warranty, which rights vary from state to state.

Disclaimer of Other Warranties

THE FOREGOING LIMITED WARRANTY IS THE ONLY WARRANTY MADE. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

California Air Resources Board
Warranty Tag

- a. Provided that the conditions set forth in the "Fireguard[®] LIMITED WARRANTY Limitations of Liability and Disclaimer" are satisfied, the steel tank manufacturer identified with this tank (hereinafter referred to as "Warrantor") warrants the Fireguard[®] tank for one year from the date of original installation by the original tank owner ("the Owner").
- b. The manufacture date of this Fireguard[®] tank is _____
mm/dd/yyyy
- c. This Fireguard[®] tank was factory tested in accordance with the STI Fireguard Specification F941.
- d. This Fireguard[®] tank was factory tested and meets the applicable performance standards and specifications as identified in the CARB certification procedure (CP-206).
- e. This Fireguard[®] tank conforms to UL 2085 *Protected Aboveground Tanks for Flammable and Combustible Liquids*.

5. ConVault AST



The Industry Leader In Aboveground Fuel Storage Systems

CONVAULT LIMITED WARRANTY CALIFORNIA

ConVault, Inc. warrants each CONVAULT® tank against defects in material or workmanship to the original owner, for a period 12 months from the date of installation. Installation date is determined to be when the tank has been installed at the final destination, and all equipment necessary to meet the Air Resources Board requirements has been installed. This tank has been factory tested and will comply for the 12 month warranty period with all applicable performance standards and specifications to which it was tested. Tanks remaining in their original installation location will retain warranty eligibility if the facility where the tank is installed is sold to a new entity. The new owner must inform the tank manufacturer in writing of the date of change in ownership and the new owner's contact information. Additionally, this tank carries a warranty up to 30 years from the date of manufacture, depending on the model number. ConVault agrees to repair or replace any defective unit without charge provided that the tank is operated and maintained in accordance with the manufacturer's Owner's Manual except as set forth herein. **FAILURE TO INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS WILL VOID THIS WARRANTY.**

CONVAULT® tanks are designed for storage of products compatible with steel. CONVAULT® tanks are not designed for storage of corrosives or toxic materials. To continue this warranty in effect, the user has a duty to conduct visual inspections at least weekly to check for leaks and to maintain the CONVAULT® tank in accordance with the Owner's Manual in effect on the date of shipment from the manufacturer. The primary tank must be inspected monthly for the presence of water and any water found must be removed. In the event leaks are determined, ConVault, Inc. must be contacted within two (2) working days at the following toll free number: 800-222-7099 or at 209-632-7571. This warranty does not cover damage resulting from accident, misuse or abuse, lack of reasonable care, or acts of God. This warranty is limited to the tank only and does not include paint, signs and decals, vents, pump, or any other accessories affixed to the tank. This warranty does not cover transportation cost of the replacement tank, the cost of labor or any other installation costs. Small cracks in concrete result from normal expansion and contraction and are not covered by warranty. Such cracks will not affect primary or secondary containment or fire retardation abilities of the tank. The limited warranties set forth herein are subject to the manufacturer receiving full payment for the products covered in this warranty.

THIS WARRANTY IS LIMITED TO REPLACEMENT OR REPAIR OF THE CONVAULT® TANK AT THE OPTION OF CONVAULT, INC. AND EXCLUDES ANY OTHER OR FURTHER REMEDIAL MEASURES. NO RESPONSIBILITY OR LIABILITY IS ASSUMED FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Under no circumstances, shall the liability of CONVAULT® under this warranty, exceed the original purchase price of the tank. There are no warranties, which extend beyond the face hereof.

You may obtain warranty service by contacting any dealer of ConVault, Inc.

For testing purposes, CONVAULT® primary tanks may be pressurized up to 3 psig only, provided, however, that after flammable or combustible liquids have been placed in the tank, the tank shall be pressurized using inert gases such as Nitrogen. If any additional testing is required, please contact ConVault, Inc. for instructions prior to testing.

You may fill out the Warranty Registration Card on line or download a printable form at <http://www.convault.com>.

Effective March 1, 2012

Limited Warranty



ConVault, Inc., 4109 E. Zeering Road, Denair, CA 95316
800-222-7099, 209-632-7571

<http://www.convault.com>, info@convault.com

CALIFORNIA WARRANTY TAG

The following information **MUST** be provided to the **END USER**
per California Air Resources Board regulations CP206 Section 17.5.3

1. This ConVault Aboveground Storage Tank has a warranty period of 12 months for material and workmanship beginning from the date of installation. Installation date is determined to be when the tank has been installed at the final destination, and all equipment necessary to meet the Air Resources Board requirements has been installed. Additionally, this tank carries a warranty up to 30 years from the date of manufacture, depending on the model number. Please review the ConVault Limited Warranty included in the Owner's Manual for details.
2. The date of manufacture of this tank and its model number are listed on the Underwriters Laboratories label which is attached to the side of the tank.
3. This tank must be installed, operated and maintained in accordance with the ConVault Owner's Manual.
4. This tank should be installed as soon as practical to prolong the expected useful life of the unit. If stored prior to final installation location, it must be placed on a flat surface, strong enough to carry the weight of the tank without causing differential settlement.
5. This tank has been factory tested and will comply for the 12 month warranty period with all applicable performance standards and specifications to which it was tested.
6. This tank has been manufactured, listed, and labeled according to the Underwriters Laboratories Standard 2085 for Protected Aboveground Tanks for Flammable and Combustible Liquids.
7. This tank has been certified by the California Air Resources Board according to CP 206 certification procedures.

Effective March 1, 2012

6. Containment Solutions, Inc. (CSI) Hoover Vault AST

LIMITED WARRANTY
Hoover Vault™ Tank & Fuelmaster® System
CARB Certified Products - California Only

What is Covered by this Warranty

Provided that the conditions set forth below are satisfied, Containment Solutions, Inc. (CSI) warrants each Hoover Vault™ Tank and Fuelmaster® System UL 2085 Vault Tank for 12 months against defects in materials and workmanship from the date of original installation for the original tank owner ("the Owner"). Additionally this tank is warranted for 30 years from the delivery of the tank to the tank owner, against any of the following events which may occur, provided the event occurs under normal operating conditions covered by this Warranty: (i) against release of stored product from any secondary containment tank; (ii) against failure of the primary tank caused by non-corrosion related cracking, breakup or collapse; (iii) against internal corrosion as long as the product stored within the tank is compatible with steel and meets the conditions of this warranty; and (iv) that the owner maintains the tank in accordance with the instructions accompanying the tank. This tank has been factory tested and will comply for the 12 month warranty period with all applicable performance standards and specifications to which it was tested. This tank has been manufactured, listed, and labeled according to the Underwriters Laboratories Standard 2085 for Protected Aboveground Tanks for Flammable and Combustible Liquids. This tank has been certified by the California Air Resources Board according to CP-206 certification procedures. This warranty is transferable so long as all conditions of this warranty are met through the entirety of the warranty period.

Conditions to Warranty Effectiveness

The limited warranties set forth herein are subject to the following conditions:

- I. The Hoover Vault Tank or Fuelmaster System Vault Tank must be: (i) installed within the state of California; and (ii) the tank was installed and properly maintained in accordance with the applicable Vault Tank specifications and Installation Instructions that were in effect on the date of shipment by CSI, any subsequent maintenance procedures of which the Owner has written notice, and any applicable governmental codes and regulations. Failure to adhere to and provide proof of proper maintenance throughout the warranty period, regardless of change of ownership or location, may void the tank warranty.
- II. Upon discovery of a suspected tank failure or leak by the Owner, the Owner shall provide CSI with the completed and signed Tank Installation Checklist at the time of a warranty claim. The Owner will also give CSI written notice of the suspected tank failure or leak and permit CSI or its designated representative to inspect the tank site prior to, during and after excavation of the tank.
- III. Upon CSI's determination that the tank failure or leak is covered by this Limited Warranty, CSI at its sole option shall: (1) repair the tank; or (2) refund the purchase price of the original tank; or (3) replace it with a tank of approximately the same size, design, quality of material and workmanship specified for the original tank. Replacement tanks will be provided by CSI and will be either new or recertified. All recertified tanks have been tested to ensure that they are functionally equivalent to new products.
- IV. The fuel stored within the tank is compatible with steel and applicable to CARB certification. Storing any fluid in the tank which is not compatible with steel and not required under CARB certification will void this warranty.
- V. CSI receiving full payment for the products covered in this warranty.

After initial installation of the tank, the tank installation checklist supplied by CSI must be properly completed by the contractor and the owner's representative, and the owner must retain the completed checklist to verify proper installation of the tank. The completed checklist must be delivered to CSI at the time of any claim under this warranty, and failure to do so may result in denial of the claim at the discretion of CSI. If the tank is removed from the original installation location and is intended for active service at a new location, the tank must meet all the above mentioned conditions and be installed according to all above mentioned conditions, including but not limited to completing the installation checklist after the installation of the tank at the new location, to maintain the warranty as originally extended.

The date of manufacture of this tank and its model number are listed on the Underwriters Laboratories label which is attached to the side of the tank. This tank should be installed as soon as practical to prolong the expected useful life of the unit.

What is Not Covered by this Warranty

CSI does not warrant (1) paint, linings, decals, gaskets, o-rings, or any accessory items such as vents, pumps, gauges, etc. (2) labor costs or other installation costs for tank repair or replacement; (3) damage to the tank or other property resulting from the accumulation of water in the tank; or (4) damage caused by other improper operating or maintenance practices.

Limitation of Liability and Exclusion of Other Remedies and Damages

The foregoing remedy of repair, replacement or refund shall constitute the sole and exclusive remedy of the Owner. Under no circumstances, shall the liability of CSI under this warranty, exceed the purchase price of the tank.

IN NO EVENT SHALL CSI BE LIABLE FOR CLAIMS OF PERSONAL INJURY OR FOR SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR REVENUE, LOSS OF USE OF THE TANK OR ANY ASSOCIATED EQUIPMENT, COST OF CAPITAL, COST OF THE SUBSTITUTE EQUIPMENT, FACILITIES OR SERVICES, DOWNTIME COST, CLAIMS OF CUSTOMERS OF THE OWNER FOR SUCH DAMAGES, OR FOR DAMAGE TO PROPERTY, WHETHER SUCH CLAIM SHALL BE FOR BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE OR STRICT LIABILITY, AND WHETHER SUCH CLAIM ARISES OUT OF OR RESULTS FROM THIS LIMITED WARRANTY, OR EXPRESS OR IMPLIED WARRANTIES, OR FROM THE DESIGN, MANUFACTURE, SALE, DELIVERY, RESALE, INSTALLATION, TECHNICAL DIRECTION OF INSTALLATION, INSPECTION, REPAIR, OPERATION OR USE OF THE TANK.

Consumer Notice

The exclusion of indirect or consequential damages and the limitation of implied warranties herein may not be applicable to purchasers who are deemed "consumers" and who reside in states that do not allow the limitation of implied warranties or the exclusion of indirect or consequential damages otherwise applicable to consumers. Moreover, if you are deemed a "consumer", you may have specific legal rights in addition to those set forth in this warranty, which rights vary from state to state.

Disclaimer of Other Warranties

THE FOREGOING LIMITED WARRANTY IS THE ONLY WARRANTY MADE. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Effective Date: 02/01/2014

Owner Name: _____

Site Address: _____

Delivery Date: _____ Capacity: _____

Contractor: _____

UL Number: _____ Job Number: _____



7. Jensen Precast Armor Cast AST



ARMOR CAST®
ARMOR VAULT®
 ~ 30 YEAR LIMITED WARRANTY ~

OWNER/LOCATION: _____

AUTHORIZED LICENSED MANUFACTURER: _____

UNDERWRITERS LABORATORIES # _____ DATE: _____

The Manufacturer warrants each ARMOR CAST® & ARMOR VAULT® Storage Tank against defects in material or workmanship except as set forth below, for a period of Thirty (30) years from the date of purchase in accordance with the Warranty as stated below. Failure to install, maintain or operate in accordance with manufacturers instructions and specifications, and applicable state and federal regulations, or repairs or modifications by non-authorized persons, will void this Warranty.

ARMOR CAST® & ARMOR VAULT® Storage Tanks are designed for storage of gasoline, diesel and motor oils and not for storage of corrosives, toxic materials or chemicals. The owner/user is required to conduct visual inspections at least weekly to check for leaks. In the event leaks are determined, the Manufacturer must be contacted.

It is required that each ARMOR CAST® & ARMOR VAULT® Storage Tank be properly Electrically Connected and Grounded according to PEI and/or NFPA Standards and Local, State, and Federal regulations. It is the owners responsibility at the time of installation to properly ground each ARMOR CAST® & ARMOR VAULT® unit. Care should be taken to visually inspect grounding connections routinely. This Limited 30-Year Warranty is void if failure should occur as a result of improper care or tampering with the installation of the ground rods, or site components.

This Warranty does not cover damage resulting from accident, misuse or abuse, lack of reasonable care, acts of GOD, or the affixing of any attachment not provided with this product. This Warranty is limited to the tank only and *does not* include: Paint, Decals, Air Vents, Pump and or Pump Components, or any accessory items. Small cracks in the concrete resulting from normal expansion and contraction are not covered by this warranty. Such cracks in concrete will not affect primary or secondary containment or the fire retardation abilities of the tank.

In the event the tank fails to comply with this Warranty, The Manufacturer will correct such non-conformity at its option by: (1) repairing, (2) replacing, or (3) refunding of pro-rated original purchase price. The Manufacturer will correct such non-conformity at its option, by repairing, replacing, or refunding the original purchase price of the defective part or parts F.O.B. its Manufacturing facility, provided that the vaulted tank has been installed, operated and maintained as recommended by the Manufacturer. You may obtain service by contacting the Manufacturer. To perform service, warranty or otherwise, the ARMOR CAST® & ARMOR VAULT® must be accessible by forklift or crane and the Manufacturer will not be liable for any costs or damages resulting from the lack of accessibility. The Manufacturer shall not be liable for special, indirect or consequential damages, including without limitation, costs, expenses or liabilities associated with environmental contamination, fires, explosions, or other consequences allegedly attributed to a breach of Warranty or damages under deceptive trade practice acts or similar consumer protection acts. Replacement of the primary tank will be pro-rated over a period of up to Thirty (30) years at the original selling price. All other components are covered under their respective manufacturers stated Warranties.

The forgoing constitutes our exclusive obligation and the Manufacturer makes no other Warranties, expressed or implied, written or oral as to the fitness for a particular purpose, except as stated above.-----

8. Above Ground Tank Vault (AGT Vault) AST

GENERAL:

It is understood that no oral promises, agreements, or other understandings exist except as herein specified. Above Ground Tank Vaults of America is hereinafter referred to as "AGT Vault" and the buyer, owner or purchaser is hereinafter referred to a "Purchaser". AGT Vault shall have no obligation to maintain any proposal after thirty (30) days. It shall become a binding contract on both parties only if the same or a purchase order covering the same is signed by Purchaser and accepted and acknowledged by an executive of AGT Vault. Circumstances may arise where, because of a default on AGT Vault 's part or other liability (including negligence and misrepresentation), the buyer is entitled to recover damages from AGT Vault. In each such instance, regardless of the basis on which the buyer is entitled to claim damages, AGT Vault liability is limited to accepting the return of the equipment that is the subject of the claim (FOB plant of manufacture), refunding any amounts paid thereof by the buyer [less depreciation at the rate of fifteen percent (15%) per year] and canceling any balance still owing on the equipment. Under no circumstances is AGT Vault liable for third-party claims against the buyer for losses or damages, economic consequential damages (including lost profits or savings) or incidental damages, even if AGT Vault may be at fault. It shall be the obligation and financial responsibility of the purchaser to comply with ongoing compliance with all applicable performance standards and specifications.

STATEMENT OF LIMITED WARRANTY:

AGT Vault warrants that equipment that it manufactures or has manufactured for it under contract (and in accordance to its specifications) to be free from defects in materials and workmanship for a period one year from the date of installation thereof to the original and subsequent purchasers. During the warranty period, AGT Vault will, at its option, repair or replace equipment found to be defective under normal use and service. AGT Vault does not warrant uninterrupted or error-free operation of equipment. Misuse, accident, modification, unsuitable physical or operating environment, improper maintenance by the buyer or failure caused by a product for which AGT Vault is not responsible may void the warranty. This warranty is limited to tank only and does not include paint, decals, pump and/or pump components, or air vents. The tank must be painted by the owner every two years to insure no corrosion and if this is not maintained as directed it will void the warranty. Other warranty terms may be provided upon request outside of normal warranty but must be in writing and signed by parties.

F.O.B. FACTORY:

Shall be interpreted to include loading on cars or trucks at AGT Vault 's plant, but not include blocking and anchoring. This warranty gives the buyer specific legal rights and the buyer may also have other rights which vary from state to state. This warranty shall extend to the original purchaser and to any receiver within the warranty period of the equipment covered.

THESE WARRANTIES REPLACE ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. HOWEVER, SOME LAWS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES. IF THESE LAWS APPLY, THEN ALL EXPRESS AND IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE WARRANTY PERIOD. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY.

This warranty shall include ongoing compliance with all applicable performance standards and specifications.

Any equipment or parts thereof covered by this agreement, which is not manufactured by AGT Vault will be covered only by the warranty, if any, of its manufacturer. The buyer is responsible for any pick-up and delivery charges associated with warranty service. The buyer is responsible for loss of, or damage to, equipment in transit when the buyer is responsible for transportation charges.

TO OBTAIN WARRANTY SERVICE, CONTACT AGT Vault at (800) 743-6745 No corrective action under warranty will be commenced on any equipment without prior written approval from AGT Vault.

Warranty Card

Model #: _____
UL Label #: _____
Date of Manufacture: _____
Date of Installation: _____
Installer Contractors License Number: _____
State Certified ICC Number: _____
Date of Delivery: _____
Owners Name: _____
Location of Tank: _____

Limited Warranty period of 1 year from Date of Installation as described in Owner's Manual.

Warranty Card stating date of installation may be submitted to (optional):

AGT Vault
P.O. 2116
Nipomo, Ca 93444

This tank component was factory tested and met all applicable performance standards and specifications of the Underwriters Laboratory standard of 2085, and to which it was certified by the California Air Resources Board: Executive Orders VR-301 and VR-302.

WHITE PAINT

9. PPG Protective Coatings



PPG ARCHITECTURAL FINISHES, INC
PRODUCT AND PERFORMANCE WARRANTY INFORMATION
FOR

Durethane DTM Urethane Mastic White Base Component A (95-3301) and
Durethane DTM Urethane Mastic Curing Agent Component B (95-339)

General: PPG ARCHITECTURAL FINISHES, INC., a Delaware corporation (hereinafter "PPG"), warrants for one year from date of application that material delivered meets standard PPG specifications and published standards under ISO-2001-2010 for the material or such other specifications for the material as have been agreed upon in writing to Durethane DTM Urethane or end users or their customers. (Specified coatings shall be installed no later than two years date of purchase so as to assure fresh product however, this is not a warranty contingency.) Date of manufacture may be found stamped on bottom of each can and exterior of the boxes. Example: 9333499917

Explanation: 9 equals manufacturing location (9 = L.R.), 3 equals year of manufacture (3 = 2013), 33 equals weeks (33 = 33rd week of the year which is August 11th to 17th, 499917 equals random batch sequence.

PPG warrants further that such material is adequately contained, packaged, labeled and conforms to the promises and affirmations of fact made on the container and label. If the product(s) fails to conform to this Warranty, PPG as its sole liability will finish replacement product or refund the purchase price.

(PROOF OF APPLICATION IS REQUIRED).

This warranty includes the ongoing compliance with all applicable performance standards and specifications for the duration of the warranty.

All batches of Durethane DTM Urethane certified coatings are factory tested utilizing published standards under ISO-2001-2010 and conform to all applicable performance standards to which it was certified by Executive Order VR-301.

IN NO EVENT WILL PPG BE LIABLE UNDER ANY THEORY OF RECOVERY, (WHETHER BASED ON CONTRACT NEGLIGENCE OR STRICT LIABILITY) FOR ANY INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES IN ANY WAY RELATED TO ITS PRODUCTS.

LIMITED PERFORMANCE WARRANTY INFORMATION FOR MATERIAL ONLY:

PPG further warrants to the Initial Purchaser and Subsequent Purchases for One (1) year from date of application the specified products for Above Ground Gasoline Storage Tanks if applied according to specification data. Specification data shall mean Product Application Instructions as outlined in the Technical Data Sheets that may be found on www.ppgpmc.com/northamerica (click on product Durethane DTM Urethane) and are also attached to this email body to meet standards as approved by Durethane DTM Urethane regarding specified coatings and the Durethane DTM Urethane AST Painting Specifications. This warranty specifically pertains to gloss retention, yellowing, chalking, peeling or blistering of the Durethane DTM Urethane as manufactured and sold by PPG.



The one (1) year limited warranty shall be limited to material replacement cost only and shall not include labor, cost of labor or other consequential costs. (Damage incurred during normal use or wear and tear of the painted equipment/tanks is not covered under this warranty.)

WARRANTY: No visual change in the initial gloss will occur within the first year of application. (2). Yellowing of the white paint film will not occur for a minimum of one year. (3). Chalking will not occur for a minimum of one year and (4) peeling or blistering will not occur for one year from date of application.

In the event of suspected product failure pertaining to the aforementioned, contact _____ or a representative of PPG Customer Service Department at the location listed here-in during regular business hours and the claim will be evaluated and handled promptly.

PPG Architectural Finishes, Inc.
Attention:
1-800-283-6627
11605 Vimy Ridge Rd
Alexander, AR 72002

10. Ponderosa Paint Company

2600 EnviroCLAD

PONDEROSA PAINT COMPANY PRODUCT WARRANTY FOR CARB APPROVED COATINGS VR-301-D

Ponderosa Paint Company Inc., warrants for one year after the date of application, that 2600 EnviroCLAD meets the paint industry's UL and ASTM standards (specified coatings shall be installed no later than two years from date of purchase to assure fresh product. However this is not a warranty contingency). Date of manufacture may be found perforated near the top right side of each can label. Example: 01137896 Explanation: 01 equals the month of manufacture, 13 is the year of and the last four numbers identify the batch number.

Ponderosa Paint Company Inc., warrants that such material is adequately contained, packaged, labeled and conforms to information on the label. If the product(s) fails to conform to this warranty, Ponderosa Paint Co. Inc., as its sole liability will furnish replacement product or refund the purchase price. (Proof of purchase and application is required.)

All batches of 2600 EnviroCLAD are factory tested and conform with ongoing compliance with all applicable performance standards and specifications to which it was certified by CARB Executive Order VR-301.

In no event shall Ponderosa Paint Company Inc., be liable under any theory of recovery, (whether based on negligence or strict liability) for any indirect, incidental, or consequential damages in any way related to its products.

LIMITED PERFORMANCE WARRANTY INFORMATION FOR MATERIAL ONLY:

To meet standards as approved by CARB regarding specified coatings and the CARB AST Painting Specifications. This warranty specifically pertains to gloss retention, yellowing, chalking, peeling or blistering of the 2600 EnviroCLAD coating system as manufactured and sold by Ponderosa Paint Co. Inc.

Ponderosa Paint Company Inc., warrants to the Initial Purchaser and subsequent purchasers for One (1) year from date of application the specified products for Above Ground Gasoline Storage Tanks, if applied according to specifications. These specifications are in the Application Procedure section on the Technical Data sheets. This information can be found at www.PonderosaPaintCo.com

The one (1) year limited warranty shall be for material replacement cost only and shall not include cost of labor or other consequential costs. (Damage incurred during normal use or wear and tear of painted equipment and / or tanks is not covered under this warranty.

WARRANTY:

No visual change in the initial gloss will occur within the first year of application. (2). No yellowing of the white paint film will occur for a minimum of one year. (3). No chalking will occur for a minimum of one year and (4) No peeling or blistering will occur for one year from date of application.

In the event of suspected product failure pertaining to the aforementioned, contact a representative of Ponderosa Paint Company Inc., at the location listed here-in during regular business hours and the claim will be evaluated and handled promptly.

Date of Application: _____

Permit Number: _____

Applicator: _____



Ponderosa Paint Company Inc.
1-800-323-PAINT
3663 N. Clovis Ave • Fresno, CA 93727

11. Jones-Blair Paint Company

J-B #33014 Ureprime HS4 White Primer, J-B #4600-040 Acrylithane HS4, High Gloss White Acrylic Urethane, and J-B #99951 Ureprime HS4 Primer and Acrylithane HS4 Enamel Catalyst

March 7, 2012

JONES-BLAIR[®] COMPANY
PRODUCT AND PERFORMANCE WARRANTY INFORMATION
FOR
CARB APPROVED COATINGS FOR AST (GASOLINE) TO MEET REGULATION VR-301(revision D)

GENERAL: JONES-BLAIR Company warrants for one year from date of application that material delivered meets standard JONES-BLAIR specifications and published standards under ISO-2001-2010 for the material or such other specifications for the material as have been agreed upon in writing to CARB or end users or their customers. (Specified coatings shall be installed no later than two years from date of purchase so as to assure fresh product however, this is not a warranty contingency.) Date of manufacture may be found stamped on bottom of each can and exterior of the boxes. Example: D 11J30 08.

Explanation: D equals Dallas, 11 equals year of manufacture, J equals month, 30 equals day of the month batch ticket issued, and 08 equals the 8th ticket issued that day.

JONES-BLAIR Company warrants further that such material is adequately contained, packaged, labeled and conforms to the promises and affirmations of fact made on the container and label. If the product(s) fails to conform to this Warranty, Jones-Blair as its sole liability will furnish replacement product or refund the purchase price.

(PROOF OF APPLICATION IS REQUIRED.)

This warranty includes the ongoing compliance with all applicable performance standards and specifications for the duration of the warranty.

All batches of CARB certified coatings are factory tested utilizing published standards under ISO-2001-2010 and conform to all applicable performance standards to which it was certified by Executive Order VR-301.

IN NO EVENT WILL JONES-BLAIR BE LIABLE UNDER ANY THEORY OF RECOVERY, (WHETHER BASED ON CONTRACT NEGLIGENCE OR STRICT LIABILITY) FOR ANY INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES IN ANY WAY RELATED TO ITS PRODUCTS.

LIMITED PERFORMANCE WARRANTY INFORMATION FOR MATERIAL ONLY:

JONES-BLAIR Company further warrants to the Initial Purchaser and Subsequent Purchasers for One (1) year from date of application the specified products for Above Ground Gasoline Storage Tanks if applied according to specification data. Specification data shall mean Product Application Instructions as outlined in the Technical Data Sheets that may be found on www.jones-blair.com (click on products 33014 or 4600-040) and are also attached to this email body to meet standards as approved by CARB regarding specified coatings and the CARB AST Painting Specifications. This warranty specifically pertains to gloss retention, yellowing, chalking, peeling or blistering of the 33014 HS4 Ureprime Primer and 4600-040 Acrylithane HS4 Urethane Paint Coatings Systems as manufactured and sold by JONES-BLAIR Company, Dallas, Texas.

The one (1) year limited warranty shall be limited to material replacement cost only and shall not include labor, cost of labor or other consequential costs. (Damage incurred during normal use or wear and tear of the painted equipment/tanks is not covered under this warranty.)

WARRANTY: No visual change in the initial gloss will occur within the first year of application. (2). Yellowing of the white paint film will not occur for a minimum of one year. (3). Chalking will not occur for a minimum of one year and (4) peeling or blistering will not occur for one year from date of application.

In the event of suspected product failure pertaining to the aforementioned, contact Will Dryden or a representative of the JONES-BLAIR Company Customer Service Department at the location listed here-in during regular business hours and the claim will be evaluated and handled promptly.

JONES-BLAIR Company
Attention: Will Dryden
1-800-492-9400
2728 Empire Central
Dallas, TX 75235