

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER VR-302-F

Related to Certification of Vapor Recovery Systems

**Standing Loss Control Vapor Recovery Systems for New 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, Modern Custom Fabrication and Steel Tank Institute requested and were granted standing loss control vapor recovery systems certification new installations of aboveground storage tanks (AST) pursuant to the Certification Procedure on April 2, 2009, by Executive Order VR-302-A, which was last modified on April 30, 2013, by Executive Order VR-302-E;

WHEREAS, Executive Order VR-302-E expires on May 30, 2014;

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

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-302 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-302 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 new ASTs conforms to all of the applicable requirements set forth in the Certification Procedure;

WHEREAS, Jensen Precast on April 16, 2014, stated that the Armor Cast protected AST will no longer be manufactured for new installations;

WHEREAS, I, Richard W. Corey, Executive Officer, find that the standing loss control vapor recovery systems, as modified herein, conform with all requirements set forth in the Certification Procedure and results in a vapor recovery system which shall not exceed 0.57 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);

NOW, THEREFORE, IT IS HEREBY ORDERED that the standing loss control vapor recovery systems listed in this Executive Order are certified not to exceed 0.57 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 New 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 application and 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.

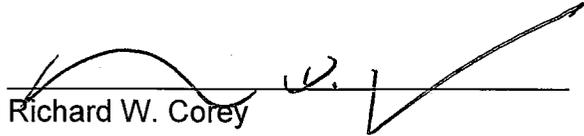
IT IS FURTHER ORDERED that the standing loss control vapor recovery systems shall be compatible with gasoline in common use in California at the time of certification. The standing loss control systems listed in this Executive Order are not compatible with gasoline that has an ethanol content greater 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 Armor Cast protected AST is not renewed at the request of the manufacturer, Jensen Precast.

IT IS FURTHER ORDERED that Executive Order VR-302-E, issued on April 30, 2013, is hereby superseded by this Executive Order. Systems certified under Executive Orders VR-302-A through E may remain in use at existing installations. This Executive Order shall apply to new installations of aboveground storage tanks.

Executed at Sacramento, California, this 31 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 Systems Warranties

EXECUTIVE ORDER VR-302-F
Standing Loss Control Vapor Recovery System for
New 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 Tanks	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. Above Ground Tank Vault (Figure 1B-5) See "Table E" for Model Numbers

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	XXXX ¹ YYWXX ¹ or XXXX ¹ YYYWXX ¹ Where X = letter Where Y = letter or number from 0 to 9 Where W = number from 0 to 9 Where X ¹ = letter or blank space
Capacity	250 gallons and greater*
Shape	Rectangular
Serial Number	Z XXXXX, XXXXXX Where Z = letter Where X = number from 0 to 9
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)</p> <p>Where W = 4 for four (4) inches of insulation (concrete) for tanks greater than 1,000 Gallons</p> <p>Or 6 for six (6) inches of Insulation (concrete) for tanks less than 1,000 Gallons</p> <p>Where X = number from 0-9</p> <p>Where X¹ = “C” for value of 100 or “M” for value of 1000, if tank is greater than 1,000 gallons,</p> <p>Where Y = S (standard) or 8 (modified)</p> <p>LDPXXX, LDPXXXX, LDPXXXXX, LDPXXXP, LDPXXXXP, LDPXXXXXP;¹</p> <p>LPDXXX, LPDXXXX, LPDXXXXX, LPDXXXP, LPDXXXXP, LPDXXXXXP;²</p> <p>LPXXX, LPXXXX, LPXXXXX, LPXXXP, LPXXXXP, LPXXXXXP;³</p> <p>LDPDXXX, LDPDXXX, LDPDXXXX, LDPDXXXP, LDPDXXXXP, LDPDXXXXXP;⁴</p> <p>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;</p> <p>² the “LPD” is misprint of LDP (and may have a “P” at the end of the model number);</p> <p>³ the “LP” is misprint of LDP (and may have a “P” at the end of model number);</p> <p>⁴ the second “D” may be used to indicated duel compartment (and may have a “P at the end of the model number);</p> <p>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

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

Make	Above Ground Tank Vault, AGT Vault
Model Numbers	CXXXi, CXXXXi, CXXXXXi Where X = numbers from 0 to 9 Where I = Insuladd Paint Additive
Capacity	250 gallons and greater*
Shape	Cylindrical
Serial Number	Not applicable
OEM Coating Color	White with INSULADD paint additive
Image of AST	See Figure 1B-5

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

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

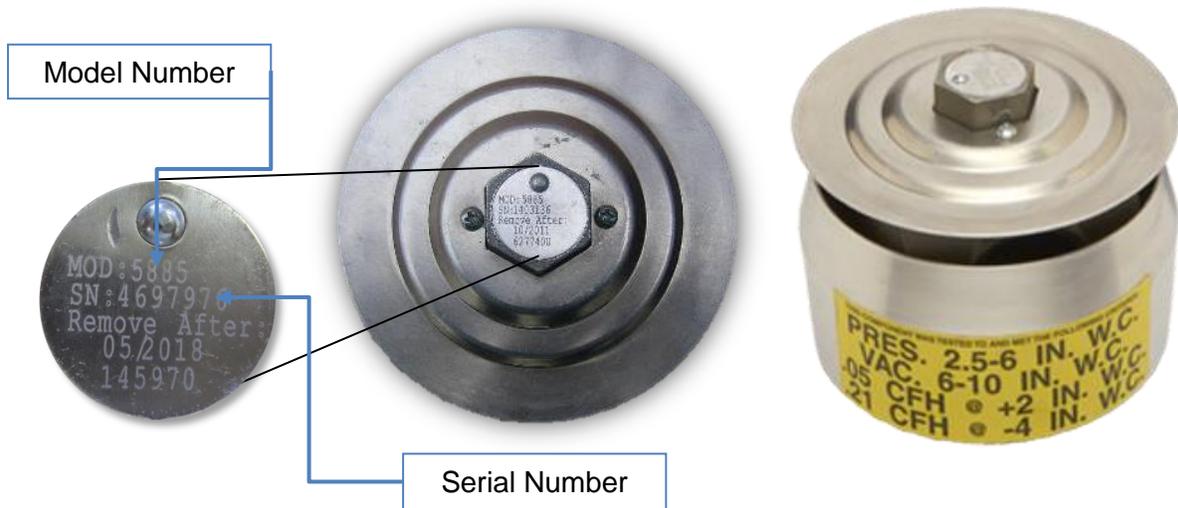


FIGURE 1A-2
PV ZERO Pressure/Vacuum Vent Valve

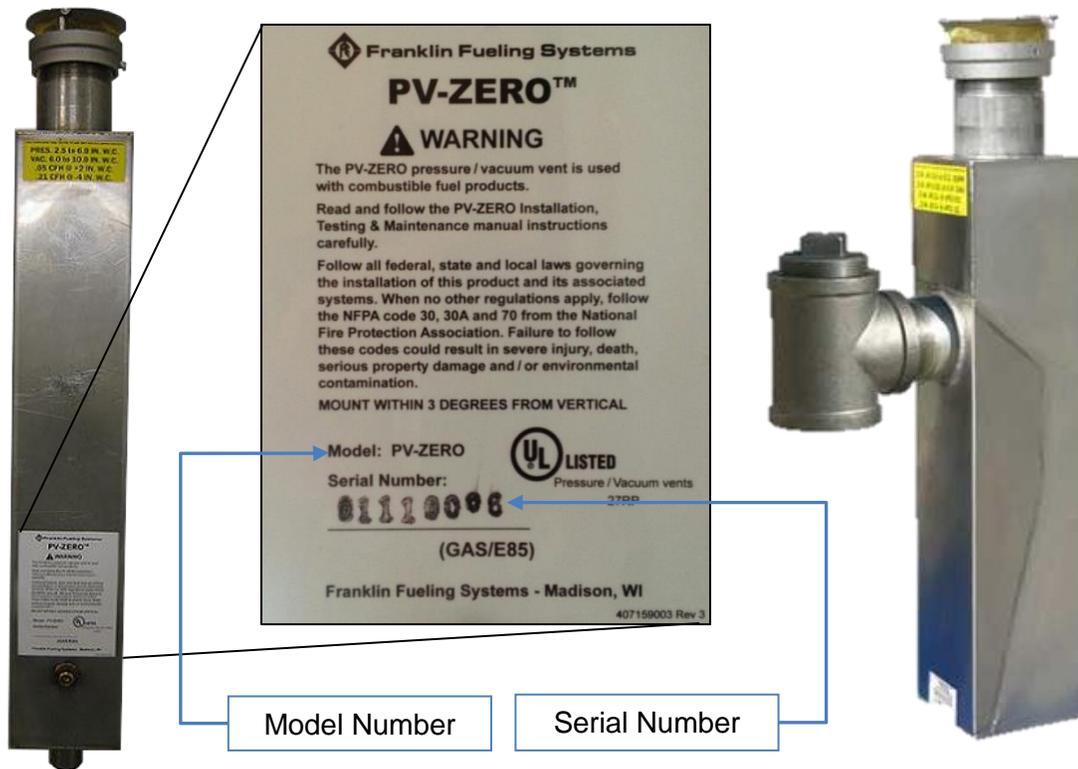


FIGURE 1B-1
Modern Custom Fabrication
SuperVault MH Series Protected Aboveground Storage Tanks



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. 01-5216-302 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.

SwRI

SuperVault MH

Manufactured by Modern Custom Fabrication, Inc.
 Fresno, CA

SwRI ID No. 96040-01-03

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.

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 9-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 2085, and International Communication Test, and is a recognized listed product by Southwest Research Institute, San Antonio, Texas.

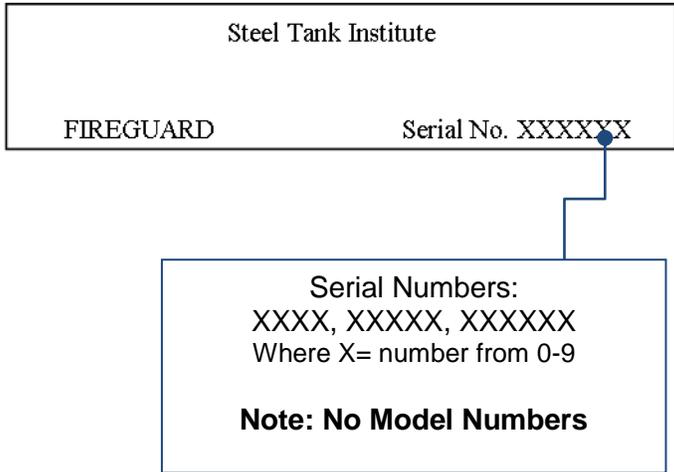
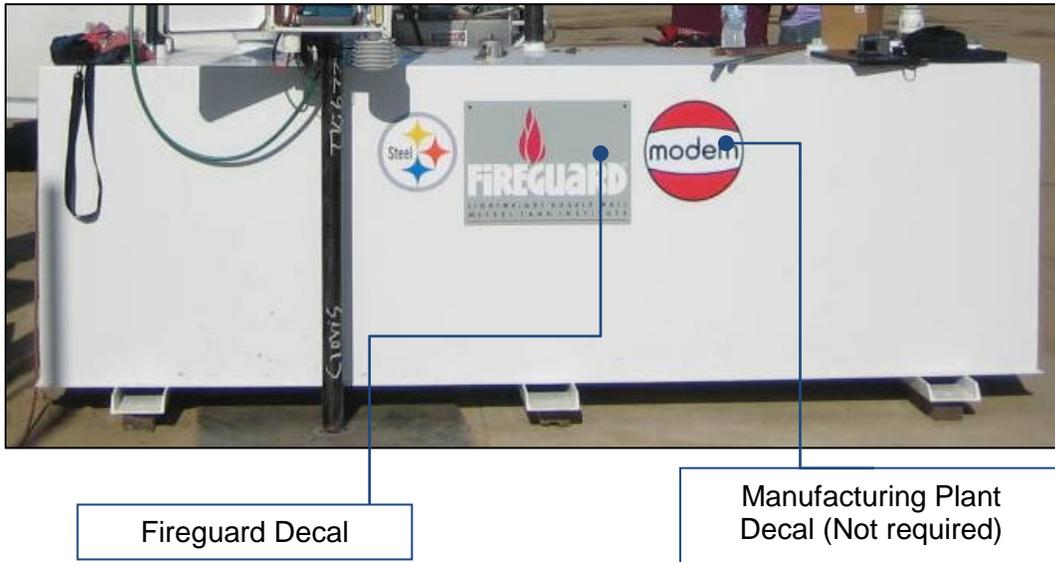
Manufactured under one or more of the following patents: United States Patent Nos. 5,038,455; 5,362,195; 5,092,024; and 5,103,865. Manufactured under License from CBI Trusco Tank, a division of CBI Constructors, Inc.

Serial: 1XXXXX

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



**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

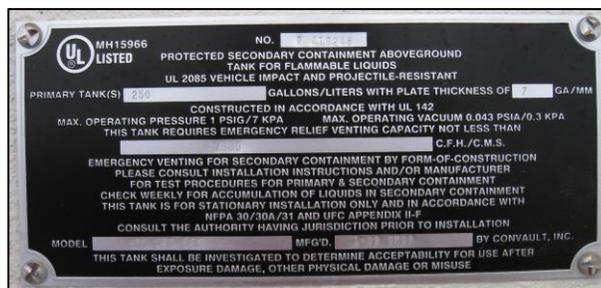


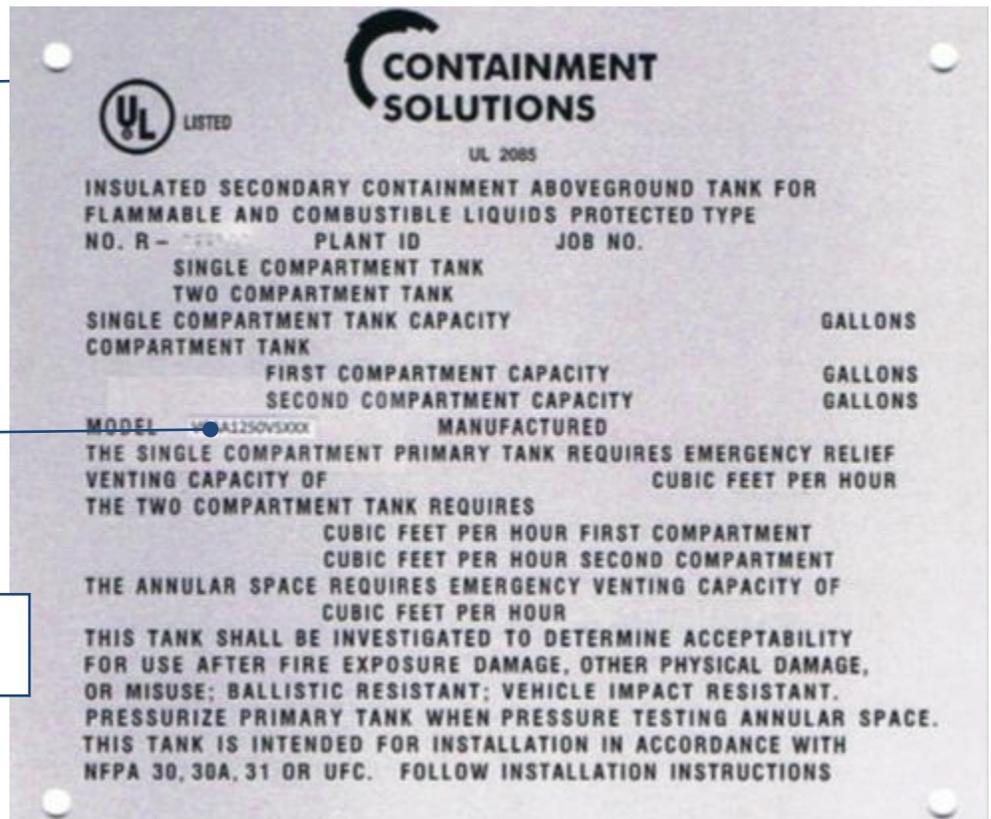
FIGURE 1B-4
Containment Solutions, Inc.
Hoover Vault Protected Aboveground Storage Tanks



Containment Solutions, Inc. UL Placard

Identifies UL listing, model number, tank size

Attached to tank in various locations depending on size

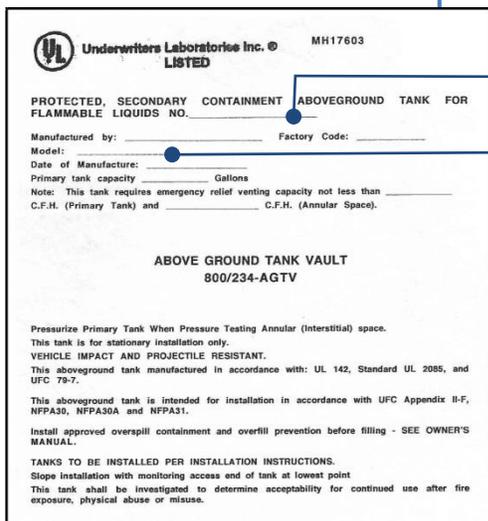


Model Numbers:
(See Table D)

FIGURE 1B-5
Above Ground Tank Vault
Above Ground Tank Vault Protected Aboveground Storage Tank



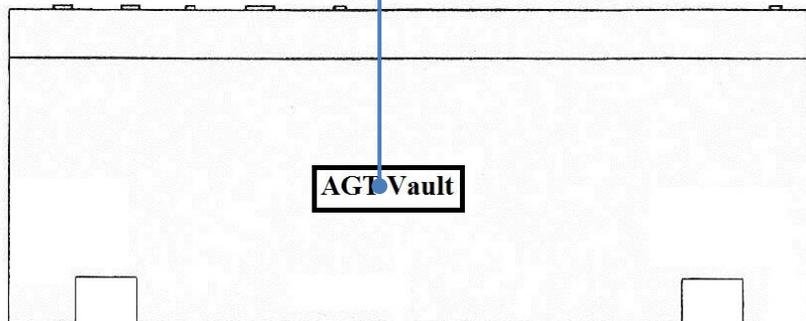
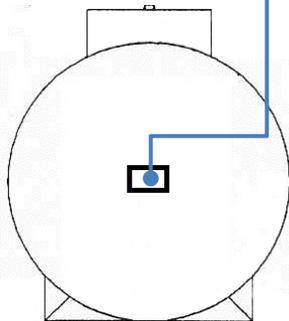
Image of UL Label
(Location Typical for 250 to 20,000 Gallons)



UL Serial Number

Model Number:
See Table F

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



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Standing Loss Control Vapor Recovery System for
New Installations of Aboveground Storage Tanks

Exhibit 2
SYSTEM SPECIFICATIONS

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

GENERAL SPECIFICATIONS

1. 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 New Installations of Aboveground Storage Tanks**.
2. Any repair, removal, or replacement of system components shall be done in accordance with the **ARB-Approved Installation, Operation, and Maintenance Manual for the Standing Loss Control Vapor Recovery System of New Aboveground Storage Tanks**.
3. The Standing Loss Control system shall comply with the applicable performance standards and specifications in CP-206.

INSTALLATION OF STANDING LOSS CONTROL VAPOR RECOVERY SYSTEM FOR ASTS

New AST Installations

Refer to **ARB-Approved Installation, Operation, and Maintenance Manual for the Standing Loss Control Vapor Recovery Systems for New Installations of Aboveground Storage Tanks**. See Figure 2A-2 for sample installation form.

Maintenance for New 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. An example of a Standing Loss Control Maintenance Record is shown in Figure 2A-3.
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 New Installations of Aboveground Storage Tanks.

Compliance Requirements for New AST Installations

1. Pressure/Vacuum Vent Valves for Aboveground Storage Tank Vent Pipes
 - a. No more than three certified pressure/vacuum vent valves (P/V valve) 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 H₂O positive pressure and 0.21 CFH at -4.00 inches of H₂O 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 H₂O and the negative pressure setting is 6.0 to 10.0 inches of H₂O 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 H₂O

Negative pressure setting: 6.0 to 10.0 inches H₂O

Positive Leakrate: 0.05 CFH at 2.0 inches H₂O

Negative Leakrate: 0.21 CFH at -4.0 inches H₂O

TABLE 2-1
Gasoline Dispensing Facility Compliance Standards and Specifications

Component	Test Method	Standard or Specification
P/V Valve ¹	TP-201.1E	Positive pressure setting: 2.5 to 6.0 inches H ₂ O Negative pressure setting: 6.0 to 10.0 inches H ₂ O Positive Leak rate: 0.05 CFH at 2.0 inches H ₂ O Negative Leak rate: 0.21 CFH at -4.0 inches H ₂ O

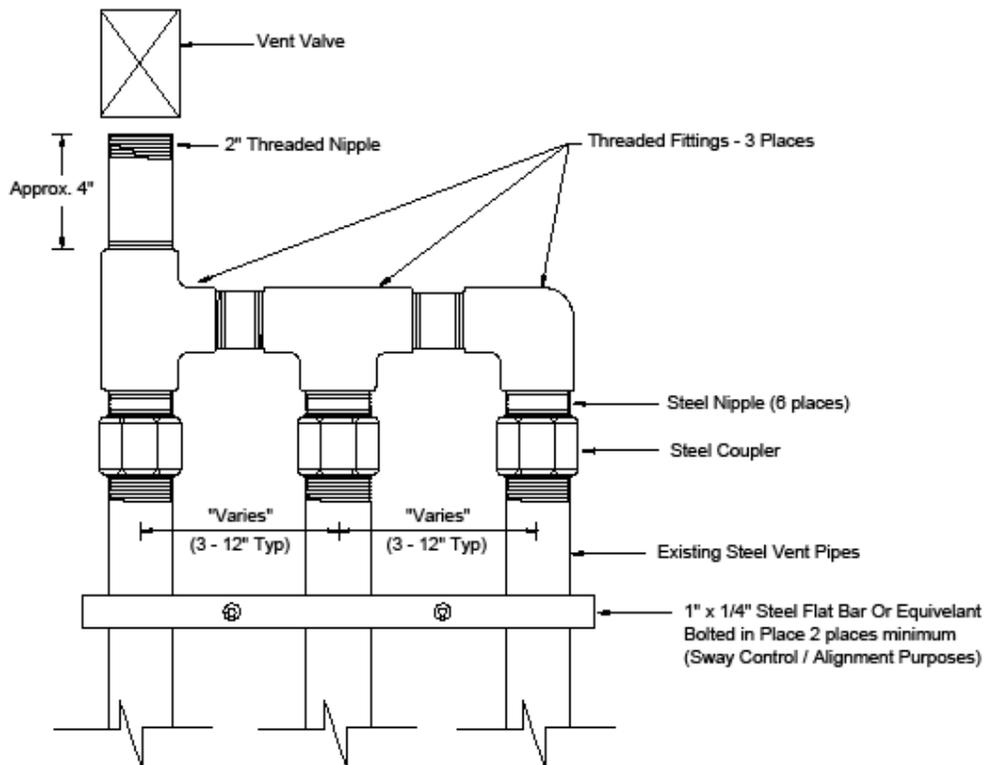
TABLE 2-2
Maintenance Intervals for Standing Loss Control System Components
(Reference Exhibit 1 for a list of certified components)

Component	Manufacturer	Maintenance Interval
P/V Valve	Husky	Varies ²
	Franklin Fueling Systems	Varies ²
Protected AST	SuperVault MH	Varies ²
	Steel Tank Institute Fireguard	Varies ²
	ConVault Inc	Varies ²
	Containment Solutions, Inc.	Varies ²
	Above Ground Tank Vault	Varies ²

¹ Compliance determination is at the option of the District

² See ARB – *Approved Installation, Operation, and Maintenance Manual* for the Standing Loss Control Vapor Recovery System for New Installations of Aboveground Storage Tanks for more details.

FIGURE 2A-1
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-2
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			
Date of Application			
Product Purchase Date and Quantity of Product Purchased			
AST Manufacturer, Model, Serial Number, or other ID Information			

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New 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 New 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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Containment Solutions, Inc Hoover Vault Protected Aboveground Storage Tanks	3
Above Ground Tank Vault Protected Aboveground Storage Tanks	4

General Note

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

Pressure/Vacuum Vent Valve 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.

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.

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.
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
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-302-F
Standing Loss Control Vapor Recovery System for
New 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.

<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>WARRANTY TAG</p> <p>Husky Corporation 2325 Husky Way Pacific, Mo 63069 (800) 325-3558</p> </div> </div> <div style="margin-top: 20px;"> <p>Station Name: _____</p> <p>Store #: _____ Date: _____</p> <p>City: _____ State: _____</p> <p>Service Contractor: _____</p> <p>Service Tech: _____</p> <p>Distributor: _____</p> <p><small>No warranty accepted without warranty tag filled out completely and attached to product.</small></p> </div> <div style="margin-top: 20px; text-align: center;"> <p>Husky General Fueling Products:</p> <p>Model #: _____</p> <p>Serial #: _____</p> <p>Installation Date: _____</p> <p>Manufacturer Lot #: _____</p> <p>Work order # (if applicable): _____</p> <p>RGA #: _____</p> <p><small>Form #009179-6 03/2013</small></p> </div>	<div style="text-align: center; margin-bottom: 10px;"> <p>Reason for Return (check all applicable):</p> </div> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Leaking Fuel Around Spout <input type="checkbox"/> Leaking Fuel In Trigger Area <input type="checkbox"/> Keeps Shutting Off <input type="checkbox"/> Will Not Shut Off </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Failed Pressure Decay Test <input type="checkbox"/> Leaking Fuel at Hose Inlet <input type="checkbox"/> Mechanical Malfunction <input type="checkbox"/> Dispenses Fuel Without Pulling Lever </td> </tr> </table> <p>Notes / Comments: _____</p> <p><small>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.</small></p>	<input type="checkbox"/> Leaking Fuel Around Spout <input type="checkbox"/> Leaking Fuel In Trigger Area <input type="checkbox"/> Keeps Shutting Off <input type="checkbox"/> Will Not Shut Off	<input type="checkbox"/> Failed Pressure Decay Test <input type="checkbox"/> Leaking Fuel at Hose Inlet <input type="checkbox"/> Mechanical Malfunction <input type="checkbox"/> Dispenses Fuel Without Pulling Lever
<input type="checkbox"/> Leaking Fuel Around Spout <input type="checkbox"/> Leaking Fuel In Trigger Area <input type="checkbox"/> Keeps Shutting Off <input type="checkbox"/> Will Not Shut Off	<input type="checkbox"/> Failed Pressure Decay Test <input type="checkbox"/> Leaking Fuel at Hose Inlet <input type="checkbox"/> Mechanical Malfunction <input type="checkbox"/> Dispenses Fuel Without Pulling Lever		

FRONT VIEW

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 C.S.I. 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 manufacturer 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. 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 as "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.