

### BARGE VAPOR TIGHTNESS LETTER

NOTE: Test results are valid for (1) one year from date of test.

- Test date: 12-04-17
- Barge owner: LEBEOUF
- Barge name / Official Number: 6-539
- Maximum load rate (BPH): 6,000 (BPH)

→ Pressure cargo tanks and vapor system to (28) twenty-eight inches of water using a Manometer to record the time and pressure. Close all air valves and allow the vessel to remain pressured for (30) thirty minutes. Use soap to test and inspect for leaks. After (30) thirty minutes, record pressure and times.

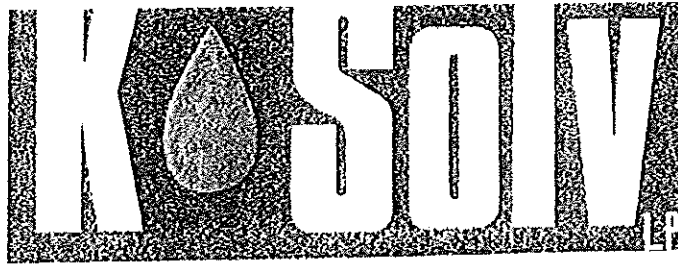
→ Test cargo tanks & Vapor System to 28" inches of water.

→ Start Time: 15:00 Beginning Pressure: 28"

→ End Time: 15:30 Ending Pressure: 27.5

✓ This vessel has been tested in accordance with Section 61.304F and has been found to be vapor tight.

Company of Tester:	Location:
<u>K SOLV Maritime</u>	<u>Channelview TX</u>
Name of Tester (print):	Signature of Tester:
<u>Margarito Arenas</u>	<u>Margarito Arenas</u>
Name of Witness (print):	Signature of Witness:
<u>Jorge Valenzuela</u>	<u>Jorge V.</u>
Affiliation / Company of Witness (print):	
<u>Supervisor / K SOLV</u>	



BARGE PIPING LETTER

INSTRUCTIONS: ALL FIELDS ARE REQUIRED. USE N/A ON ANY NON-APPLICABLE LINE

BARGE OWNER / BARGE NAME: LEBELOUF / G-539

Letter expiration date (one year from test date): 12-04-18

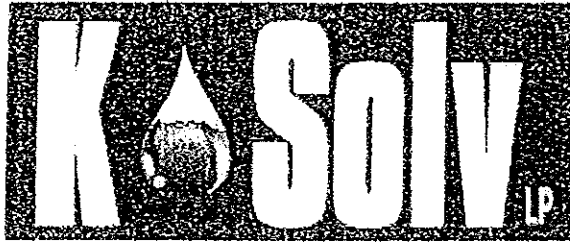
NOTE: Test results are valid for (1) one year from date of test

1. Cargo Piping and Valves (actual date of test): 12-04-17  
Test Pressure (188 psi): 188 PSI
2. Cargo Relief Valve (actual date of test): 12-04-17  
Test Pressure (125 psi): 125 PSI
3. Cargo Pressure Gauge (actual date of test): 12-04-17  
Percent of Accuracy (%): 98.5 %
4. Steam Piping and Relief Valves (actual date of test): N/A  
Test Pressure (125 psi): N/A

Signature of Tester:	<u>Margarito Arenas</u>
Printed Name of Tester:	<u>Margarito Arenas</u>
Company / Location of Tester:	<u>K SOLV Maritime / Channelview TX</u>

1651 7 De Zavalla Rd Channelview, TX 77530

Phone: 281-452-4000 Fax: 281-452-5523 Revised 02/03/2017



## Certificate of Hose Inspection

During any test or inspection required, the entire external surface of the hose must be accessible.  
Each line must:

- (i) Have no unrepaired loose covers, kinks, bulges, soft spots or any other defect which would permit the discharge of oil or hazardous material through the hose material, and no gouges, cuts or slashes that penetrate the first layer of hose reinforcement as defined in §156.120(i).
- (ii) Have no external deterioration and, to the extent internal inspection is possible with both ends of the hose open, no internal deterioration;

Date of Test:	<u>12-04-17</u>	Hose Serial No.	<u>7992</u>
Hose Diameter:	<u>8"</u>	Hose Length:	<u>25 Ft</u>
End Connections:	<u>Floating Flange</u>	Alloy of Fittings:	<u>CS</u>
Hose Type:	<u>Oil service</u>	Hose Cover Material:	<u>Rubber</u>
Working Pressure:	<u>150 MAWP</u>	Test Pressure:	<u>225 PSI</u>
Continuity/Resistance:	<u>GOOD</u>	Manufacture Date:	<u>N/A</u>
Comments:	<u>G-539 G-540</u>		

K-Solv, LP. has subjected the above described  
Hose to a pressure test meeting the requirements of 33 CFR 156.170,  
as well as an electrical continuity and resistance test.

The hose working pressure is 200 but due to the end connections only being rated at 150wp, the overall  
Assembly is rated at 150 wp.

Ash Beatty P.E.  
K-Solv Testing Program  
Approved by  
Nov. 2012

Margarito Arenas  
Test Conducted by

Jorge V.  
Test Witnessed by



## Certificate of Hose Inspection

During any test or inspection required, the entire external surface of the hose must be accessible.  
Each line must:

(i) Have no unrepaired loose covers, kinks, bulges, soft spots or any other defect which would permit the discharge of oil or hazardous material through the hose material, and no gouges, cuts or slashes that penetrate the first layer of hose reinforcement as defined in §156.120(i).

(ii) Have no external deterioration and, to the extent internal inspection is possible with both ends of the hose open, no internal deterioration;

Date of Test:	<u>12-04-17</u>	Hose Serial No.	<u>NE02090</u>
Hose Diameter:	<u>8"</u>	Hose Length:	<u>20'</u>
End Connections:	<u>floating flange</u>	Alloy of Fittings:	<u>CS</u>
Hose Type:	<u>VAPOR</u>	Hose Cover Material:	<u>Composite</u>
Working Pressure:	<u>150 MAWP</u>	Test Pressure:	<u>225 PSI</u>
Continuity/Resistance:	<u>Good</u>	Manufacture Date:	<u>N/A</u>
Comments:	<u>67539 + 540</u>		

K-Solv, LP. has subjected the above described  
Hose to a pressure test meeting the requirements of 33 CFR 156.170,  
as well as an electrical continuity and resistance test.

The hose working pressure is 200 but due to the end connections only being rated at 150wp, the overall  
Assembly is rated at 150 wp.

Ash Beatty P.E.  
K-Solv Testing Program  
Approved by  
Nov. 2012

Ulises Quintero

Test Conducted by

Picky Naron

Test Witnessed by