



**United States of America  
Department of Homeland Security  
United States Coast Guard**

Certification Date: 09 Dec 2013  
Expiration Date: 09 Dec 2018

# Certificate of Inspection

For ships on international voyages this certificate fulfills the requirements of SOLAS 74 as amended, regulation V/14, for a SAFE MANNING DOCUMENT.

Vessel Name <b>CC-132</b>	Official Number <b>CG019794</b>	IMO Number	Call Sign	Service <b>Tank Barge</b>
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Hailing Port	Hull Material <b>Steel</b>	Horsepower	Propulsion
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Place Built <b>DECATUR, ALABAMA,</b>	Delivery Date <b>01Jan1974</b>	Keel Laid Date <b>02Oct1973</b>	Gross Tons <b>R-2008</b>	Net Tons <b>R-2008</b>	DWT	Length <b>R-184.0</b>
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Owner <b>KIRBY INLAND MARINE, LP 55 Waugh Dr. Suite 1000 Houston, TX 77007 UNITED STATES</b>	Operator <b>KIRBY INLAND MARINE, LP 16402 1/2 DeZavala Channelview, TX 77530 UNITED STATES</b>
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This vessel must be manned with the following licensed and unlicensed Personnel. Included in which there must be 0 Certified Lifeboatmen, 0 Certified Tankermen, 0 HSC Type Rating, and 0 GMDSS Operators.

0 Masters	0 Licensed Mates	0 Chief Engineers	0 Qualified Member Engineer Depts
0 Chief Mates	0 First Class Pilots	0 First Assistant Engineers	0 Oilers
0 Second Mates	0 Radio Officers	0 Second Assistant Engineers	0 Crew Members
0 Third Mates	0 Able Seamen	0 Third Assistant Engineers	
0 Master First Class Pilots	0 Ordinary Seamen	0 Licensed Engineers	
0 Mate First Class Pilots	0 Deckhands	0 Non Licensed Engineer Depts	

In addition, this vessel may carry 0 Passengers, 0 Other Persons in crew, 0 Persons in addition to crew, and no Others. Total Persons allowed: 0

**Route Permitted And Conditions Of Operation:**  
**---Lakes, Bays, and Sounds---**  
 This vessel has been granted a fresh water service examination interval in accordance with 46 CFR 31.10-21(a)(2). If this vessel is operated in salt water more than 6 months in any 12 month period, the vessel must be inspected using salt water intervals per 46 CFR 31.10-21(a)(1) and the cognizant OCMI must be notified in writing as soon as this change in status occurs.  
 This tank barge is participating in the Eighth Coast Guard District's Tank Barge Streamlined Inspection Program (TBSIP). Inspection  
 \*\*\*SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION\*\*\*

With this inspection for Certification having been completed at Houston Texas UNITED STATES, the Officer in Charge, Marine Inspection, Sector Houston-Galveston certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws and the rules and regulations prescribed thereunder.

Annual/Periodic/Re-Inspection				This certificate is issued by <b>ERIC M. CARRERO</b> Officer in Charge, Marine Inspection Sector Houston-Galveston Inspection Zone
Date	Zone	A/P/R	Signature	
20Oct2014	SEC HouGalvstn	A	Tate George W.	
30Nov2015	SEC HouGalvstn	P	SCOTT JEFFREY	
11-15-2016	Houston	A	[Signature]	
10-30-17	HOU	A	[Signature]	



# Certificate of Inspection

Vessel Name: CC-132

activities aboard this barge shall be conducted in accordance with its Tank Barge Action Plan (TAP). Inspection issues concerning this barge should be directed to OCMI Houston-Galveston.

**---Hull Exams---**

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	09Dec2023	09Dec2013	01Feb2010
Internal Structure	09Dec2018	09Dec2013	01Feb2010

**--- Liquid/Gas/Solid Cargo Authority/Conditions ---**

Authorization: LIQUEFIED FLAMMABLE GAS AND SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
14286	Barrels	LFG	Yes	No	No

**\*Hazardous Bulk Solids Authority\***

**\*Loading Constraints - Structural\***

Tank Number	Maximum Load (short tons)	Maximum Density (lbs/gal)
POX	1000	7.20

**\*Loading Constraints - Stability\***

Hull Type	Max Cargo Weight/Tank (short tons)	Maximum Draft (Ft/in)	Max Density (lbs/gal)	Route Description
II	1990	9ft 0in	7.2	POX
II	1990	9ft 0in	7.2	POX

**\*Conditions Of Carriage\***

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN80001241, dated 08 SEP 2000, may be carried.

Inspected and approved for the carriage of liquefied flammable gases at a pressure not to exceed 90 psig and at a temperature not less than ambient. Those LFGs that have been authorized for carriage are identified by their CHRIS Code in the loading constraints above.

**\*STABILITY & TRIM\***

Cargo tanks must be loaded uniformly whenever a 46 CFR Subchapter "O" cargo is carried; for trim purposes, the weight of cargo in each tank may exceed the uniformly loaded tank cargo weight by at most 5 percent.

**--- Inspection Status ---**



# Certificate of Inspection

Vessel Name CC-132

**\*Cargo Tanks\***

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
POX	15Nov2011	09Dec2013	09Dec2023	09Dec2013	30Nov2015	30Nov2017
	Hydro Test			Safety Valves		
	Previous	Last	Next			
	-	-	-	<del>30Nov2013</del> 30NOV2015 <i>M. W. Lewis, USCG</i>		

**---Conditional Portable Fire Extinguisher Requirements---**

Required Only During Transfer of Cargo or Operation of Barge Machinery

**--- Fire Fighting Equipment ---**

Number of Fireman Outfits -                      Number of Fire Pumps - 0

**\*Fire Extinguishers - Hand portable and semi-portable\***

Quantity	Class Type
1	B-II

**---Certificate Amendments---**

Unit Amending	Amendment Date	Amendment Remark
Sector Houston/Galveston	20Oct2014	Annual inspection conducted by certified Kirby Inland Marine TBSIP Examiner
Sector Houston/Galveston	30Nov2015	Completed periodic and CTEE.

\*\*\*END\*\*\*

Oct 26, 2017



1202 Hahlo St.  
Houston, TX 77020

Tel: 713-671-4600  
Fax: 713-671-4745

**Relief Valve Repair / Test Record**

(VR12 Rev. 0)

Customer **Kirby Inland Marine**  
Plant  
Current Tag # **S/N 631658-5-A10**  
Unique ID **1496-000233-01**

PO / WO # **TBA DARRYL**  
Unit  
Repair Level Requested **Test Only TREVITESTED**  
Valve ID # **V0133594**  
Job # **1496-000233-01**

**Name Plate Information**

Manufacturer **Farris**  
Model/Type **26RA10-120/SP**  
Serial Number **631658-5-A10**  
Set Pressure **90 psig**  
Capacity **31795 scfm**

Size **6 in x R x 8 in**  
Code Stamp **UV/NB**  
CDTP  
B/P

**Work Performed**

Test Only **Yes**  
Certified repair (VR)  
Non-certified repair  
Pre Test

Set Press Change To  
Conversion  
Other **TREVITESTED**  
New Capacity

**Pre-Test Results**

Pre Test Performed  
As Found Set Pressure  
Reseated At

Media  
Leaked At  
Test Result

**Final Test Results**

Media **Other**  
Set Pressure **90.391 psig**  
CDTP  
Seat Tight At  
TT/Test Stand ID **TREV2K08**  
Date Tested **Oct 26, 2017**  
Notes **TREVITESTED**

Reseat Pressure  
B/P Test at  
Back Pressure  
Test Gauge ID **3928**  
Tested by **Erick Villalobos**  
Witnessed by **Juan Orea**

**Parts Used**

No parts were used

The above repair / tests were performed in accordance with ASME Code sections I or VIII Div 1 noted above code stamp and the National Board Inspection Code ANSI/NBIC-23 under the certificate of authorization # 1

This document complies with all required information under OSHA29 CFR Part 1910 Documentation for test and process equipment.

Signed Erick Villalobos

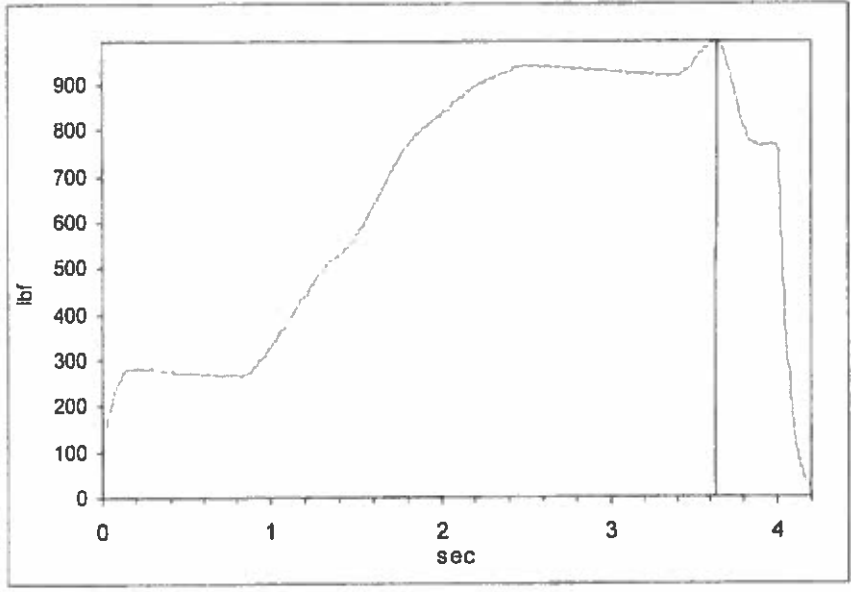
TREVITEST VALVE CERTIFICATE No. 1496-000233/BB\_8334\_002

**TEST LOCATION DETAILS**  
 Customer: KIRBY      Location: CC 133      Plant: SW SHIPYARDS

VALVE DETAILS				
Valve Tag No:	S/N 631658-5-A10	Unique No:	631658-5-A10	Process Medium: PROPYLENE
Manufacturer:	FARRIS	Type:	26RA10-120/SP	Size: 6 R 8
Design Set Pressure:	90.000 lbf/in <sup>2</sup>	M.S.A.:	20.149 in <sup>2</sup>	Spindle Adaptor: 3/4-C

**TEST RESULTS**  
 Lift No: BB/8334/002      Date: 10/26/2017      Time: 11:43 AM

CALIBRATION	Serial No.	Range	Calibrated	Shunt Dif %
Load	3928	5000.0 lbf	10/26/2017	0.043
Pressure	Not Used	Not Used	Not Used	Not Used
Displ./Acoustic	Not Used	Not Used	Not Used	Not Used



INITIAL AND INTERMEDIATE TEST RESULTS		
Test	Set Pressure	Adjust (Flats)
1	90.415 lbf/in <sup>2</sup>	0.00

Comments:

FINAL TEST DETAILS		
Opening load	995.15	lbf
Line Pressure:	41.000	lbf/in <sup>2</sup>
Set Press.	90.391	lbf/in <sup>2</sup>
Achieved Lift	0.000	in

*[Handwritten Signature]*  
 \_\_\_\_\_  
 Furmanite Trevitest Technician

10/26/17  
 \_\_\_\_\_  
 Date

Oct 26, 2017

1202 Hahio St.  
Houston, TX 77020Tel: 713-671-4600  
Fax: 713-671-4745**Relief Valve Repair / Test Record**

(VR12 Rev. 0)

 Customer **Kirby Inland Marine**  
 Plant  
 Current Tag # **S/N 631658-1-A10**  
 Unique ID **1496-000233-02**

 PO / WO # **TBA DARRYL**  
 Unit  
 Repair Level Requested **Test Only TREVITESTED**  
 Valve ID # **V0133591**  
 Job # **1496-000233-02**
**Name Plate Information**
 Manufacturer **Farris**  
 Model/Type **26RA10-120/SP**  
 Serial Number **631658-1-A10**  
 Set Pressure **90 psig**  
 Capacity **31795 scfm**

 Size **6 in x R x 8 in**  
 Code Stamp **UV/NB**  
 CDTP  
 B/P
**Work Performed**
 Test Only **Yes**  
 Certified repair (VR)  
 Non-certified repair  
 Pre Test

 Set Press Change To  
 Conversion  
 Other **TREVITESTED**  
 New Capacity
**Pre-Test Results**
 Pre Test Performed  
 As Found Set Pressure  
 Reseated At

 Media  
 Leaked At  
 Test Result
**Final Test Results**
 Media **Other**  
 Set Pressure **90.876 psig**  
 CDTP  
 Seat Tight At  
 TT/Test Stand ID **TREV2K08**  
 Date Tested **Oct 26, 2017**  
 Notes **TREVITESTED**

 Reseat Pressure  
 B/P Test at  
 Back Pressure  
 Test Gauge ID **3928**  
 Tested by **Erick Villalobos**  
 Witnessed by **Juan Orea**
**Parts Used**

No parts were used

The above repair / tests were performed in accordance with ASME Code sections I or VIII Div 1 noted above code stamp and the National Board Inspection Code ANSI/NBIC-23 under the certificate of authorization # 1

This document complies with all required information under OSHA29 CFR Part 1910 Documentation for test and process equipment.

Signed Erick Villalobos

TREVITEST VALVE CERTIFICATE No. 1496-000233/BB\_8334\_004

**TEST LOCATION DETAILS**

Customer: KIRBY Location: CC 133 Plant: SW SHIPYARDS

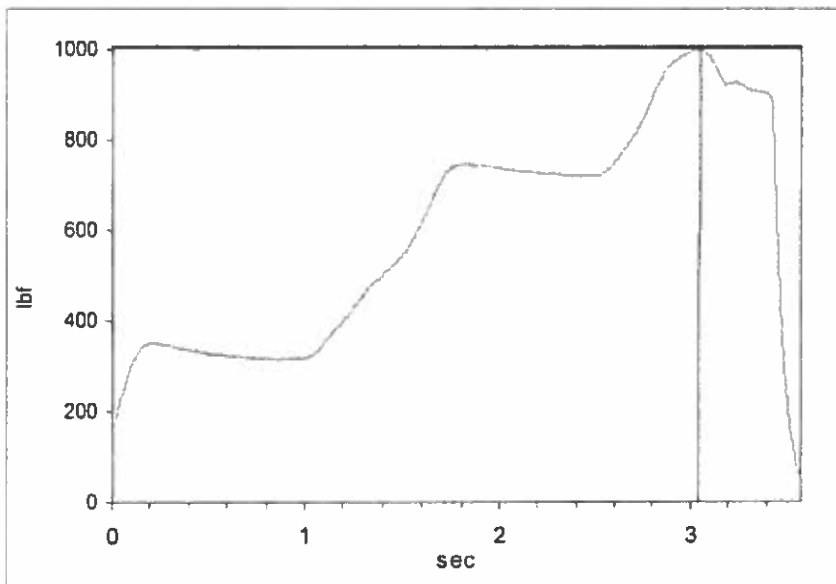
**VALVE DETAILS**

Valve Tag No: S/N 631658-1-A10	Unique No: 631658-1-A10	Process Medium: PROPYLENE
Manufacturer: FARRIS	Type: 26RA10-120/SP	Size: 6 R 8
Design Set Pressure: 90.000 lbf/in <sup>2</sup>	M.S.A.: 20.149 in <sup>2</sup>	Spindle Adaptor: 3/4-C

**TEST RESULTS**

Lift No: BB/8334/004 Date: 10/26/2017 Time: 11:47 AM

CALIBRATION	Serial No.	Range	Calibrated	Shunt Dif %
Load	3928	5000.0 lbf	10/26/2017	0.048
Pressure	Not Used	Not Used	Not Used	Not Used
Displ./Acoustic	Not Used	Not Used	Not Used	Not Used

**INITIAL AND INTERMEDIATE TEST RESULTS**

Test	Set Pressure	Adjust (Flats)
1	90.907 lbf/in <sup>2</sup>	0.00

Comments:

**FINAL TEST DETAILS**

Opening load	1004.9	lbf
Line Pressure:	41.000	lbf/in <sup>2</sup>
Set Press.	90.876	lbf/in <sup>2</sup>
Achieved Lift	0.000	in

*[Signature]*  
Furmanite Trevitest Technician

10/26/17  
Date

Oct 26, 2017

**Relief Valve Repair / Test Record**

(VR12 Rev. 0)

Customer **Kirby Inland Marine**  
Plant  
Current Tag # **S/N 631658-2-A10**  
Unique ID **1496-000233-03**

PO / WO # **TBA DARRYL**  
Unit  
Repair Level Requested **Test Only TREVITESTED**  
Valve ID # **V0133592**  
Job # **1496-000233-03**

**Name Plate Information**

Manufacturer **Farris**  
Model/Type **26RA10-120/SP**  
Serial Number **631658-2-A10**  
Set Pressure **90 psig**  
Capacity **31795 scfm**

Size **6 in x R x 8 in**  
Code Stamp **UV/NB**  
CDTP  
B/P

**Work Performed**

Test Only **Yes**  
Certified repair (VR)  
Non-certified repair  
Pre Test

Set Press Change To  
Conversion  
Other **TREVITESTED**  
New Capacity

**Pre-Test Results**

Pre Test Performed  
As Found Set Pressure  
Reseated At

Media  
Leaked At  
Test Result

**Final Test Results**

Media **Other**  
Set Pressure **90.286 psig**  
CDTP  
Seat Tight At  
TT/Test Stand ID **TREV2K08**  
Date Tested **Oct 26, 2017**  
Notes **TREVITESTED**

Reseat Pressure  
B/P Test at  
Back Pressure  
Test Gauge ID **3928**  
Tested by **Erick Villalobos**  
Witnessed by **Juan Orea**

**Parts Used**

No parts were used

The above repair / tests were performed in accordance with ASME Code sections I or VIII Div 1 noted above code stamp and the National Board Inspection Code ANSI/NBIC-23 under the certificate of authorization # 1

This document complies with all required information under OSHA29 CFR Part 1910 Documentation for test and process equipment.

Signed Erick Villalobos.....



TREVITEST VALVE CERTIFICATE No. 1496-000233/BB\_8334\_006

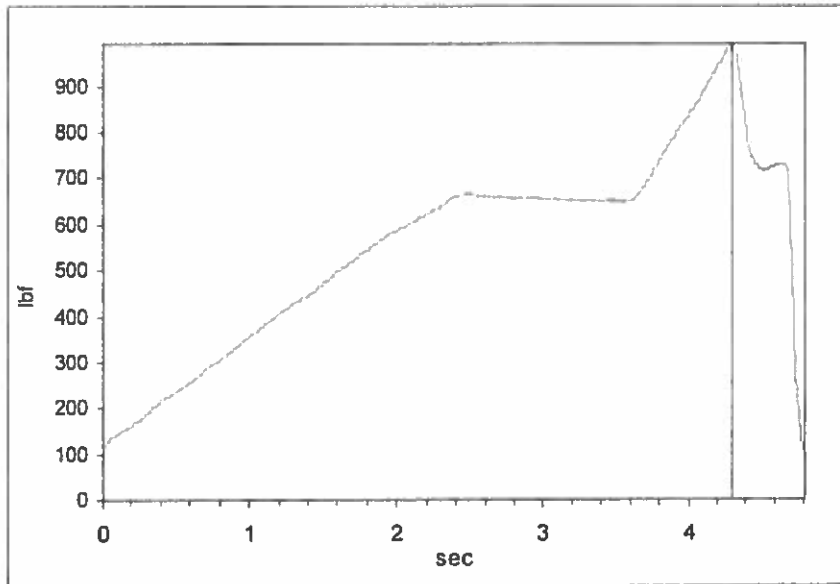
**TEST LOCATION DETAILS**  
Customer: KIRBY      Location: CC 133      Plant: SW SHIPYARDS

**VALVE DETAILS**

Valve Tag No: S/N 631658-2-A10	Unique No: 631658-2-A10	Process Medium: PROPYLENE
Manufacturer: FARRIS	Type: 26RA10-120/SP	Size: 6 R 8
Design Set Pressure: 90.000 lbf/in <sup>2</sup>	M.S.A.: 20.149 in <sup>2</sup>	Spindle Adaptor: 3/4-C

**TEST RESULTS**  
Lift No: BB/8334/006      Date: 10/26/2017      Time: 11:51 AM

CALIBRATION	Serial No.	Range	Calibrated	Shunt Dif %
Load	3928	5000.0 lbf	10/26/2017	0.042
Pressure	Not Used	Not Used	Not Used	Not Used
Displ./Acoustic	Not Used	Not Used	Not Used	Not Used



**INITIAL AND INTERMEDIATE TEST RESULTS**

Test	Set Pressure	Adjust (Flats)
1	89.813 lbf/in <sup>2</sup>	0.00

Comments:

**FINAL TEST DETAILS**

Opening load	993.04	lbf
Line Pressure:	41.000	lbf/in <sup>2</sup>
Set Press.	90.286	lbf/in <sup>2</sup>
Achieved Lift	0.000	in

*[Signature]*  
Furmanite Trevitest Technician

Date 10/26/17

Oct 26, 2017

1202 Hahio St.  
Houston, TX 77020Tel: 713-671-4600  
Fax: 713-671-4745**Relief Valve Repair / Test Record**

(VR12 Rev. 0)

Customer **Kirby Inland Marine**  
Plant  
Current Tag # **S/N 631658-4-A10**  
Unique ID **1496-000233-04**PO / WO # **TBA DARRYL**  
Unit  
Repair Level Requested **Test Only TREVITESTED**  
Valve ID # **V0133593**  
Job # **1496-000233-04****Name Plate Information**Manufacturer **Farris**  
Model/Type **26RA10-120/SP**  
Serial Number **631658-4-A10**  
Set Pressure **90 psig**  
Capacity **31795 scfm**Size **6 in x R x 8 in**  
Code Stamp **UV/NB**  
**CDTP**  
**B/P****Work Performed**Test Only **Yes**  
Certified repair (VR)  
Non-certified repair  
Pre TestSet Press Change To  
Conversion  
Other **TREVITESTED**  
New Capacity**Pre-Test Results**Pre Test Performed  
As Found Set Pressure  
Reseated AtMedia  
Leaked At  
Test Result**Final Test Results**Media **Other**  
Set Pressure **89.838 psig**  
**CDTP**  
Seat Tight At  
TT/Test Stand ID **TREV2K08**  
Date Tested **Oct 26, 2017**  
Notes **TREVITESTED**Reseat Pressure  
B/P Test at  
Back Pressure  
Test Gauge ID **3928**  
Tested by **Erick Villalobos**  
Witnessed by **Juan Orea****Parts Used**

No parts were used

The above repair / tests were performed in accordance with ASME Code sections I or VIII Div 1 noted above code stamp and the National Board Inspection Code ANSI/NBIC-23 under the certificate of authorization # 1

This document complies with all required information under OSHA29 CFR Part 1910 Documentation for test and process equipment.

Signed Erick Villalobos

TREVITEST VALVE CERTIFICATE No. 1496-000233/BB\_8334\_008

**TEST LOCATION DETAILS**

Customer: KIRBY Location: CC 133 Plant: SW SHIPYARDS

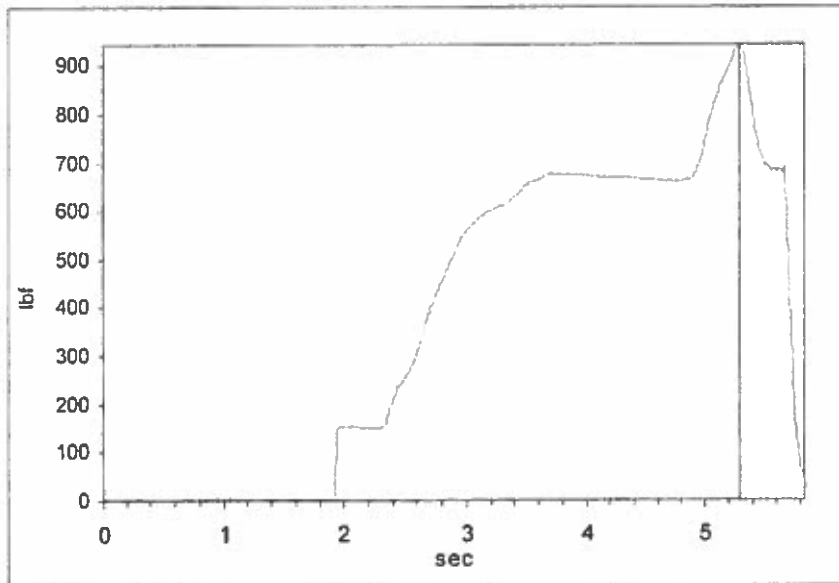
**VALVE DETAILS**

Valve Tag No: S/N 631658-4-A10	Unique No: 631658-4-A10	Process Medium: PROPYLENE
Manufacturer: FARRIS	Type: 26RA10-120/SP	Size: 6 R 8
Design Set Pressure: 90.000 lbf/in <sup>2</sup>	M.S.A.: 20.149 in <sup>2</sup>	Spindle Adaptor: 3/4-C

**TEST RESULTS**

Lift No: BB/8334/008 Date: 10/26/2017 Time: 12:00 PM

CALIBRATION	Serial No.	Range	Calibrated	Shunt Dif %
Load	3928	5000.0 lbf	10/26/2017	0.055
Pressure	Not Used	Not Used	Not Used	Not Used
Displ./Acoustic	Not Used	Not Used	Not Used	Not Used

**INITIAL AND INTERMEDIATE TEST RESULTS**

Test	Set Pressure	Adjust (Flats)
1	89.842 lbf/in <sup>2</sup>	0.00

Comments:

**FINAL TEST DETAILS**

Opening load	943.71	lbf
Line Pressure:	43.000	lbf/in <sup>2</sup>
Set Press.	89.838	lbf/in <sup>2</sup>
Achieved Lift	0.000	in

  
Furmanite Trevitest Technician

10/26/17  
Date

Oct 26, 2017

**Relief Valve Repair / Test Record**

(VR12 Rev. 0)

Customer **Kirby Inland Marine**  
Plant  
Current Tag # **S/N 631658-6-A10**  
Unique ID **1496-000233-05**

PO / WO # **TBA DARRYL**  
Unit  
Repair Level Requested **Test Only TREVITESTED**  
Valve ID # **V0133595**  
Job # **1496-000233-05**

**Name Plate Information**

Manufacturer **Farris**  
Model/Type **26RA10-120/SP**  
Serial Number **631658-6-A10**  
Set Pressure **90 psig**  
Capacity **31795 scfm**

Size **6 in x R x 8 in**  
Code Stamp **UV/NB**  
CDTP  
B/P

**Work Performed**

Test Only **Yes**  
Certified repair (VR)  
Non-certified repair  
Pre Test

Set Press Change To  
Conversion  
Other **TREVITESTED**  
New Capacity

**Pre-Test Results**

Pre Test Performed  
As Found Set Pressure  
Reseated At

Media  
Leaked At  
Test Result

**Final Test Results**

Media **Other**  
Set Pressure **89.946 psig**  
CDTP  
Seat Tight At  
TT/Test Stand ID **TREV2K08**  
Date Tested **Oct 26, 2017**  
Notes **TREVITESTED**

Reseat Pressure  
B/P Test at  
Back Pressure  
Test Gauge ID **3928**  
Tested by **Erick Villalobos**  
Witnessed by **Juan Orea**

**Parts Used**

No parts were used

The above repair / tests were performed in accordance with ASME Code sections I or VIII Div 1 noted above code stamp and the National Board Inspection Code ANSI/NBIC-23 under the certificate of authorization # 1

This document complies with all required information under OSHA29 CFR Part 1910 Documentation for test and process equipment.

Signed Erick Villalobos.....

TREVITEST VALVE CERTIFICATE No. 1496-000233/BB\_8334\_010

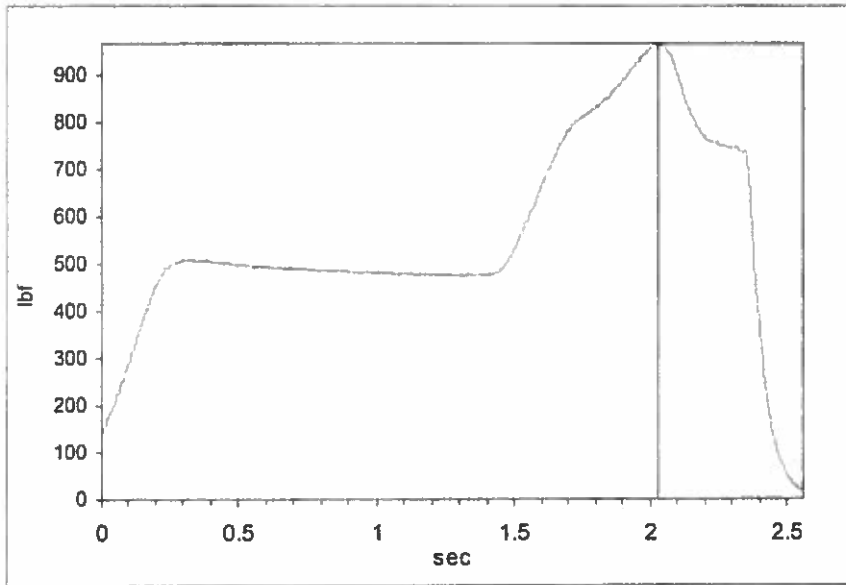
**TEST LOCATION DETAILS**  
Customer: KIRBY      Location: CC 133      Plant: SW SHIPYARDS

**VALVE DETAILS**

Valve Tag No: S/N 631658-6-A10	Unique No: 631658-6-A10	Process Medium: PROPYLENE
Manufacturer: FARRIS	Type: 26RA10-120/SP	Size: 6 R 8
Design Set Pressure: 90.000 lbf/in <sup>2</sup>	M.S.A.: 20.149 in <sup>2</sup>	Spindle Adaptor: 3/4-C

**TEST RESULTS**  
Lift No: BB/8334/010      Date: 10/26/2017      Time: 12:04 PM

CALIBRATION	Serial No.	Range	Calibrated	Shunt Dif %
Load	3928	5000.0 lbf	10/26/2017	0.050
Pressure	Not Used	Not Used	Not Used	Not Used
Displ./Acoustic	Not Used	Not Used	Not Used	Not Used



**INITIAL AND INTERMEDIATE TEST RESULTS**

Test	Set Pressure	Adjust (Flats)
1	90.036 lbf/in <sup>2</sup>	0.00

Comments:

**FINAL TEST DETAILS**

Opening load	966.03	lbf
Line Pressure:	42.000	lbf/in <sup>2</sup>
Set Press.	89.946	lbf/in <sup>2</sup>
Achieved Lift	0.000	in

*[Signature]*  
Furmanite Trevitest Technician

10/26/17  
Date

Oct 26, 2017

**Relief Valve Repair / Test Record**

(VR12 Rev. 0)

 Customer **Kirby Inland Marine**  
 Plant  
 Current Tag # **S/N 631658-3-A10**  
 Unique ID **1496-000233-06**

 PO / WO # **TBA DARRYL**  
 Unit  
 Repair Level Requested **Test Only TREVITESTED**  
 Valve ID # **V0133590**  
 Job # **1496-000233-06**
**Name Plate Information**
 Manufacturer **Farris**  
 Model/Type **26RA10-120/SP**  
 Serial Number **631658-3-A10**  
 Set Pressure **90 psig**  
 Capacity **31795 scfm**

 Size **6 in x R x 8 in**  
 Code Stamp **UV/NB**  
**CDTP**  
**B/P**
**Work Performed**
 Test Only **Yes**  
 Certified repair (VR)  
 Non-certified repair  
 Pre Test

 Set Press Change To  
 Conversion  
 Other **TREVITESTED**  
 New Capacity
**Pre-Test Results**
 Pre Test Performed  
 As Found Set Pressure  
 Reseated At

 Media  
 Leaked At  
 Test Result
**Final Test Results**
 Media **Other**  
 Set Pressure **90.460 psig**  
**CDTP**  
 Seat Tight At  
 TT/Test Stand ID **TREV2K08**  
 Date Tested **Oct 26, 2017**  
 Notes **TREVITESTED**

 Reseat Pressure  
 B/P Test at  
 Back Pressure  
 Test Gauge ID **3928**  
 Tested by **Erick Villalobos**  
 Witnessed by **Juan Orea**
**Parts Used**

No parts were used

The above repair / tests were performed in accordance with ASME Code sections I or VIII Div 1 noted above code stamp and the National Board Inspection Code ANSI/NBIC-23 under the certificate of authorization # 1

This document complies with all required information under OSHA29 CFR Part 1910 Documentation for test and process equipment.

Signed Erick Villalobos .....

TREVITEST VALVE CERTIFICATE No. 1496-000233/BB\_8334\_012

**TEST LOCATION DETAILS**

Customer: KIRBY Location: CC 133 Plant: SW SHIPYARDS

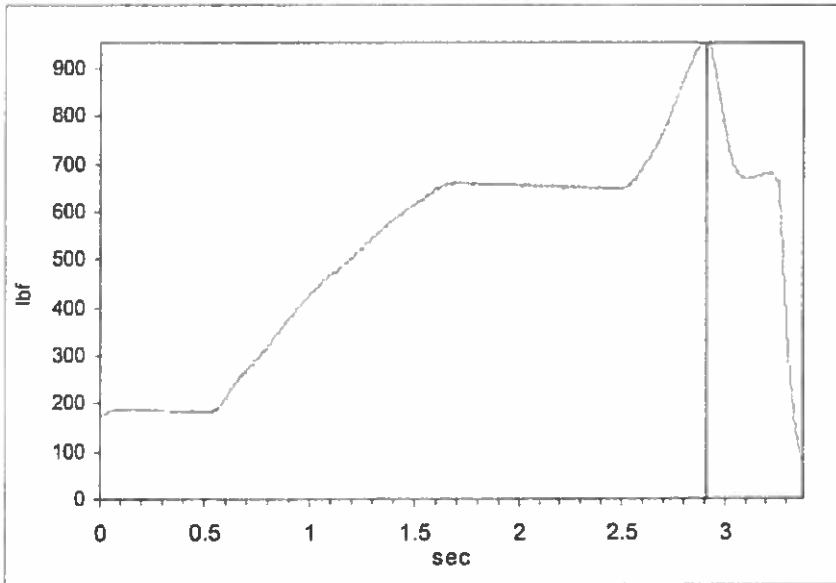
**VALVE DETAILS**

Valve Tag No: S/N 631658-3-A10	Unique No: 631658-3-A10	Process Medium: PROPYLENE
Manufacturer: FARRIS	Type: 26RA10-120/SP	Size: 6 R 8
Design Set Pressure: 90.000 lbf/in <sup>2</sup>	M.S.A.: 20.149 in <sup>2</sup>	Spindle Adaptor: 3/4-C

**TEST RESULTS**

Lift No: BB/8334/012 Date: 10/26/2017 Time: 12:08 PM

CALIBRATION	Serial No.	Range	Calibrated	Shunt Dif %
Load	3928	5000.0 lbf	10/26/2017	0.039
Pressure	Not Used	Not Used	Not Used	Not Used
Displ./Acoustic	Not Used	Not Used	Not Used	Not Used



**INITIAL AND INTERMEDIATE TEST RESULTS**

Test	Set Pressure	Adjust (Flats)
1	90.714 lbf/in <sup>2</sup>	0.00

Comments:

[Empty box for handwritten comments]

**FINAL TEST DETAILS**

Opening load	956.24	lbf
Line Pressure:	43.000	lbf/in <sup>2</sup>
Set Press.	90.460	lbf/in <sup>2</sup>
Achieved Lift	0.000	in

*Chris J. [Signature]*  
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 Furmanite Trevitest Technician

10/26/17  
 \_\_\_\_\_  
 Date