



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

Certification Date: 23 Mar 2022

Expiration Date: 23 Mar 2023

Temporary 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.

This Temporary Certificate of Inspection is issued under the provision of Title 46 United States Code, Section 399, in lieu of the regular certificate of inspection, and shall be in force only until the receipt on board said vessel of the original certificate of inspection, this certificate in no case to be valid after one year from the date of inspection.

Vessel Name	Official Number	IMO Number	Call Sign	Service
USL-146	584898			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
HOUSTON, TX	Steel		
UNITED STATES			

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
DECATUR, ALABAMA	29Jun1977		R-1640	R-1640		R-192.0
			I-	I-		I-0

Owner	Operator
KIRBY INLAND MARINE, LP 55 WAUGH DRIVE SUITE 1000 HOUSTON, TX 77007 UNITED STATES	KIRBY INLAND MARINE, LP 18350 MARKET STREET CHANNELVIEW, TX 77530 UNITED STATES

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 Oilers
0 Chief Mates	0 First Class Pilots	0 First Assistant Engineers	
0 Second Mates	0 Radio Officers	0 Second Assistant Engineers	
0 Third Mates	0 Able Seamen	0 Third Assistant Engineers	
0 Master First Class Pilot	0 Ordinary Seamen	0 Licensed Engineers	
0 Mate First Class Pilots	0 Deckhands	0 Qualified Member Engineer	

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 plus Limited Coastwise---

Also, in fair weather only, not more than (12) miles from shore between St. Marks and Carrabelle, Florida.

This vessel has been granted a fresh water service examination per 46 CFR 91.40-3(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 91.40-3(a)(1) and the cognizant OCMI notified in writing as soon as this change in status occurs.

This tank barge is participating in the Eighth and Ninth Coast Guard District's Tank Barge Streamlined Inspection Program (TBSIP). Inspection activities aboard this barge shall be conducted in accordance with its

*****SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION*****

With this Inspection for Certification having been completed at Port Arthur, TX, UNITED STATES, the Officer in Charge, Marine Inspection, Marine Safety Unit Port Arthur 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 issued by: <i>K. A. Hantal</i> K. A. Hantal, CDR, USCG, By direction Officer in Charge, Marine Inspection Marine Safety Unit Port Arthur Inspection Zone
Date	Zone	A/P/R	Signature	



Temporary Certificate of Inspection

Vessel Name: USL-146

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	31Mar2027	01Mar2017	02Apr2012
Internal Structure	31Mar2027	23Mar2022	01Mar2017

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

Authorization: LIQUIFIED 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

Not Authorized

Loading Constraints - Structural

Tank Number	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
(POX) P/S	870	7.2
(BDI) P/S	735	5.2
(BBM) P/S	735	5.2

Conditions Of Carriage

Loading Constraints - Stability

Hull Type	Max Load (S/T)	Max Draft (ft/in)	Max Density (lbs/gal)	Route
II/III (POX)	1740	8'6"	7.2	LBS, R, LC (0-12)
II/III (BDI)	1470	7'8"	5.2	LBS, R, LC (0-12)
II/III (BBM)	1470	7'8"	5.2	LBS, R, LC (0-12)

Inspected and approved for the carriage of liquified flammable gases and specified hazardous cargoes at a pressure not to exceed 90 P.S.I. and at a temperature not less than zero degrees Fahrenheit. Those LFGs that have been authorized for carriage are identified by their CHRIS Code in the Loading Constraints above.

Mixtures of the Subchapter D liquified flammable gas cargoes listed above are also authorized for carriage subject to the loading and stability constraints of the least dense cargo in the mixture.

Mixtures of Subchapter O and D liquified and gas cargoes not specified above must be approved by the Marine Safety Center prior to being authorized for carriage.

The maximum tank weights listed above reflect uniform (within 5%) loading at the deepest draft allowed. When carrying Subchapter O cargoes at shallower drafts, the barge should always be loaded uniformly.

No other cargo may be carried in a tank certified for the carriage of an alkylene oxide (POX) until certain requirements are met. See 46 CFR 151.50-10(c)(1).

--- Inspection Status ---



Temporary Certificate of Inspection

Vessel Name: USL-146

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
(POX) P/S	02Apr2012	01Mar2017	31Mar2027	01Mar2017	23Mar2022	31Mar2027
(BDI) P/S	02Apr2012	01Mar2017	31Mar2027	01Mar2017	23Mar2022	31Mar2027
(BBM) P/S	02Apr2012	01Mar2017	31Mar2027	01Mar2017	23Mar2022	31Mar2027

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
(POX) P/S	15Mar2022	-	-	-
(BDI) P/S	15Mar2022	-	-	-
(BBM) P/S	15Mar2022	-	-	-

---Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery

--- Fire Fighting Equipment ---

Fire Extinguishers - Hand portable and semi-portable

Quantity	Class Type
1	B-II

END

Safety valve inspection report

Certificate nr 1822
Date 03-10-2022

Job no. LV-10240-WO
Client LYONDELL
Barge # USL-146

Set pressure (cold) 90 psi
Manufacturer FARRIS
Type / Model 26RA10L-120/SP
Serial No. 599402-4-A10

Valve data

Size 6XRX8
Rating 150X150
Nozzle / Orifice R

Set pressure test

Found set pressure 91 psi
Reseat pressure (indication) 89 psi
Result Passed
Test method AIR

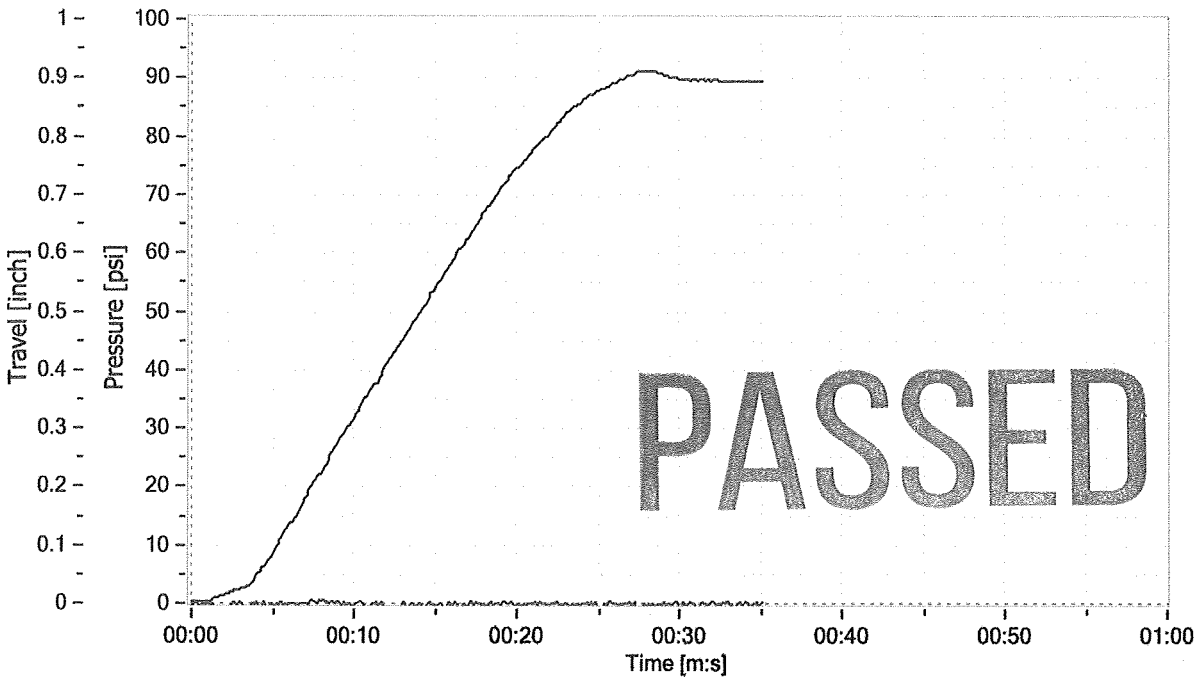
Test data

Seat tightness test

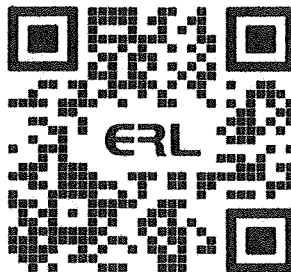
Leakage 0 bubbles/min.
Test pressure 82 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed



INTERLINK



Tested by

Name EDUARDO PEREZ

Date 3-10-22

Signature

Inspected by

Name

Date 15 March 22

Signature

Safety valve inspection report

Certificate nr 1823
Date 03-10-2022

Job no. LV-10240-WO
Client LYONDELL
Barge # USL-146

Valve data

Set pressure (cold) 90 psi
Manufacturer FARRIS
Type / Model 26RA10L-120/SP
Serial No. 599402-7-A10

Size 6XR8
Rating 150X150
Nozzle / Orifice R

Test data

Set pressure test

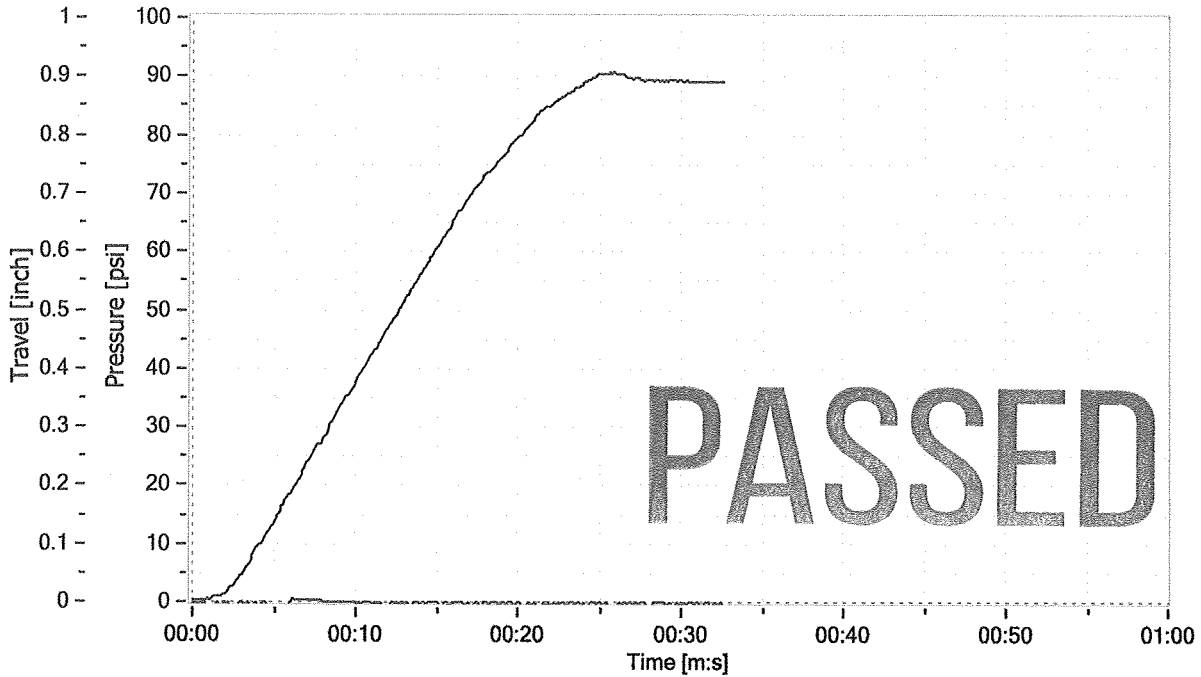
Found set pressure 91 psi
Reseat pressure (indication) 89 psi
Result Passed
Test method AIR

Seat tightness test

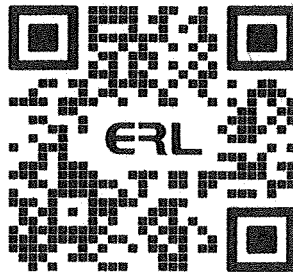
Leakage 0 bubbles/min.
Test pressure 81 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed



INTERLINK



Tested by

Name EDUARDO PEREZ

Date 3-10-22

Signature

Inspected by

Name

Date

Signature

Eric A. Brooks

15 MARCH 22

[Signature]

Safety valve inspection report

Certificate nr 1824
Date 03-10-2022

Job no. LV-10240-WO
Client LYONDELL
Barge # USL-146

Set pressure (cold) 90 psi
Manufacturer FARRIS
Type / Model 26RA10L-120/SP
Serial No. 599402-11-A10

Valve data

Size 6RX8
Rating 150X150
Nozzle / Orifice R

Test data

Set pressure test

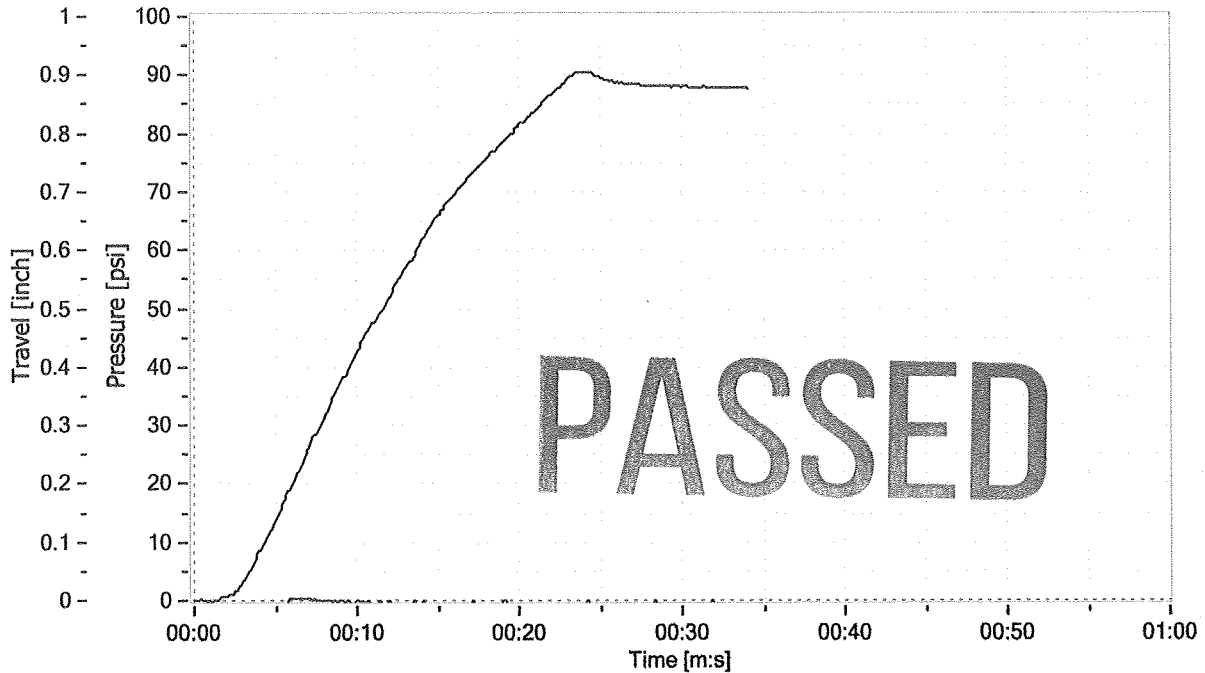
Found set pressure 90 psi
Reseat pressure (indication) 88 psi
Result Passed
Test method AIR

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 82 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed



Tested by

Name EDUARDO PEREZ

Date 3-10-22

Signature *[Handwritten Signature]*

Inspected by

Name *[Handwritten Signature]*

Date 15 March 2022

Signature *[Handwritten Signature]*

Safety valve inspection report

Certificate nr 1819
Date 03-10-2022

Job no. LV-10240-WO
Client LYONDELL
Barge # USL-146

Set pressure (cold) 90 psi
Manufacturer FARRIS
Type / Model 26RA10L-120/SP
Serial No. 599402-12-A10

Valve data

Size 6RX8
Rating 150X150
Nozzle / Orifice R

Set pressure test

Found set pressure 91 psi
Reseat pressure (indication) 89 psi
Result Passed
Test method AIR

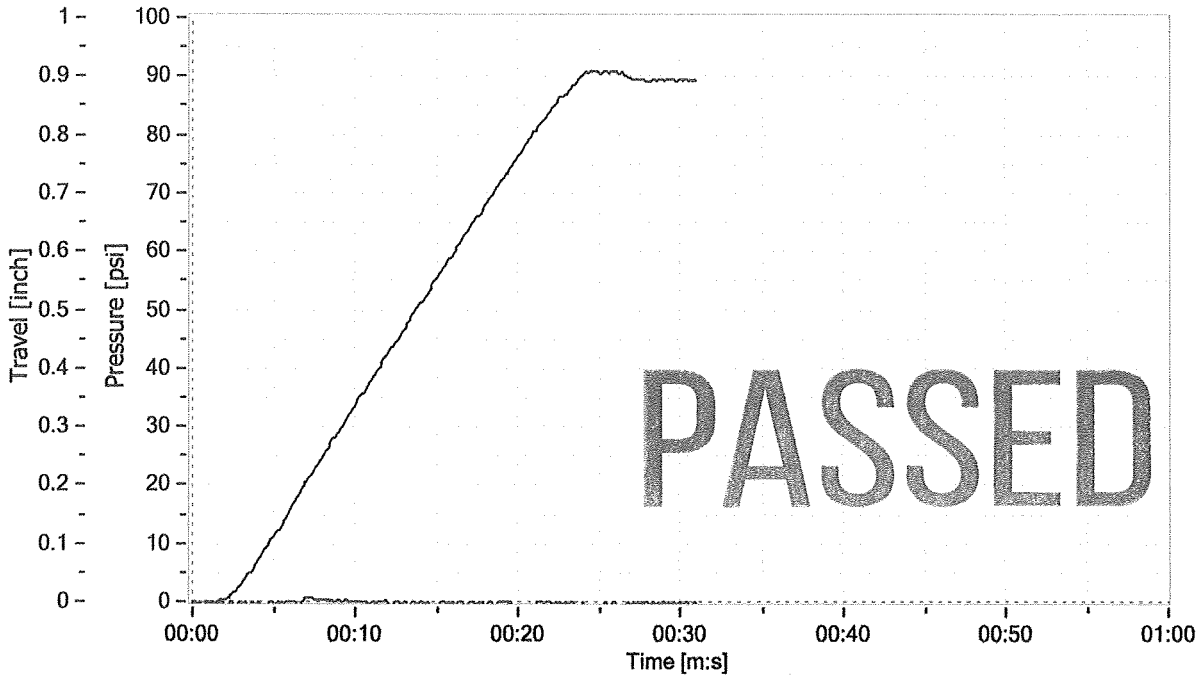
Test data

Seat tightness test

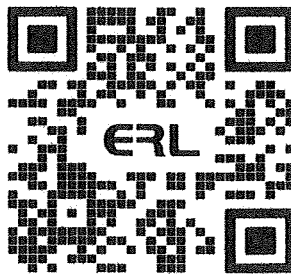
Leakage 0 bubbles/min.
Test pressure 82 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed



INTERLINK



Tested by

Name EDUARDO PEREZ

Date 3-10-22

Signature *[Signature]*

Inspected by

Name L. G. A. Brooks

Date 15 March 2022

Signature *[Signature]*

Safety valve inspection report

Certificate nr 1821
Date 03-10-2022

Job no. LV-10240-WO
Client LYONDELL
Barge # USL-146

Set pressure (cold) 90 psi
Manufacturer FARRIS
Type / Model 26RA10L-120/SP
Serial No. 599402-13-A10

Valve data

Size 6RX8
Rating 150X150
Nozzle / Orifice R

Set pressure test

Found set pressure 90 psi
Reseat pressure (indication) 88 psi
Result Passed
Test method AIR

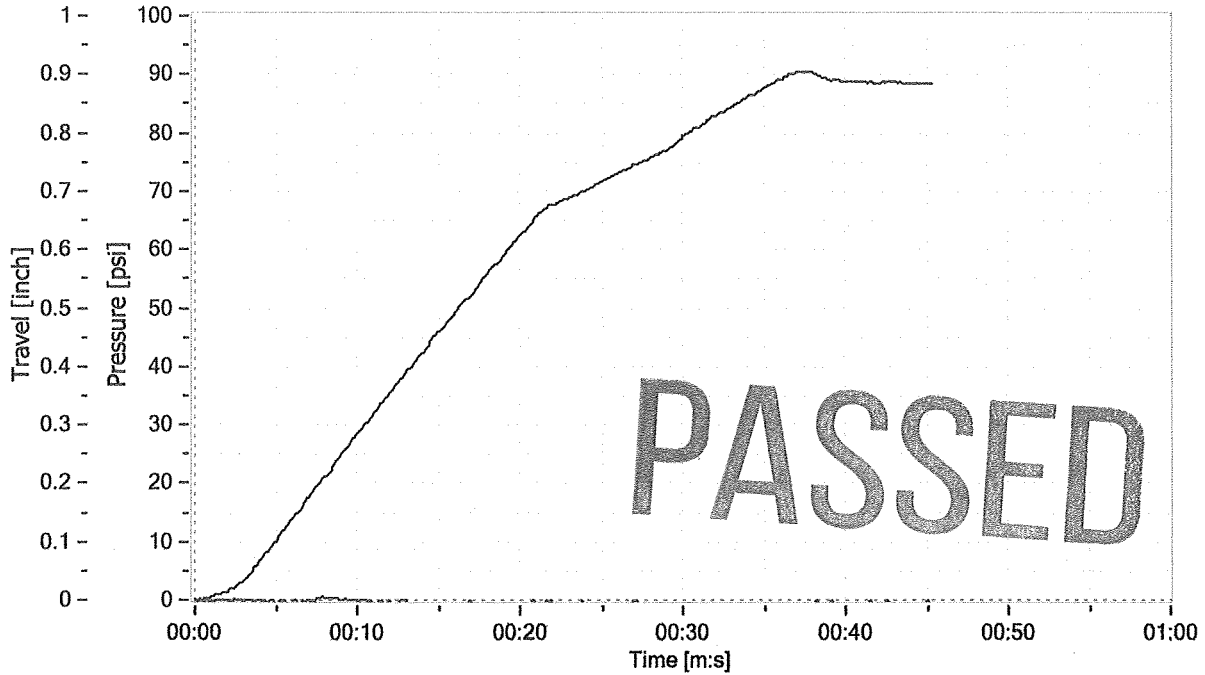
Test data

Seat tightness test

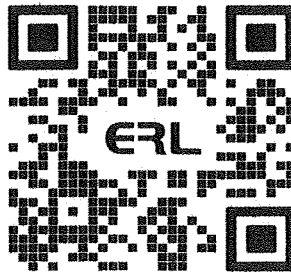
Leakage 0 bubbles/min.
Test pressure 82 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed



INTERLINK



Tested by

Name EDUARDO PEREZ

Date 3-10-22

Signature *[Signature]*

Inspected by

Name L. J. A. Brooks

Date 15 March 2022

Signature *[Signature]*

Safety valve inspection report

Certificate nr 1820
Date 03-10-2022

Job no. LV-10240-WO
Client LYONDELL
Barge # USL-146

Set pressure (cold) 90 psi
Manufacturer FARRIS
Type / Model 26RA10L-120/SP
Serial No. 599402-15-A10

Valve data

Size 6RX8
Rating 150X150
Nozzle / Orifice R

Set pressure test

Found set pressure 91 psi
Reseat pressure (indication) 89 psi
Result Passed
Test method AIR

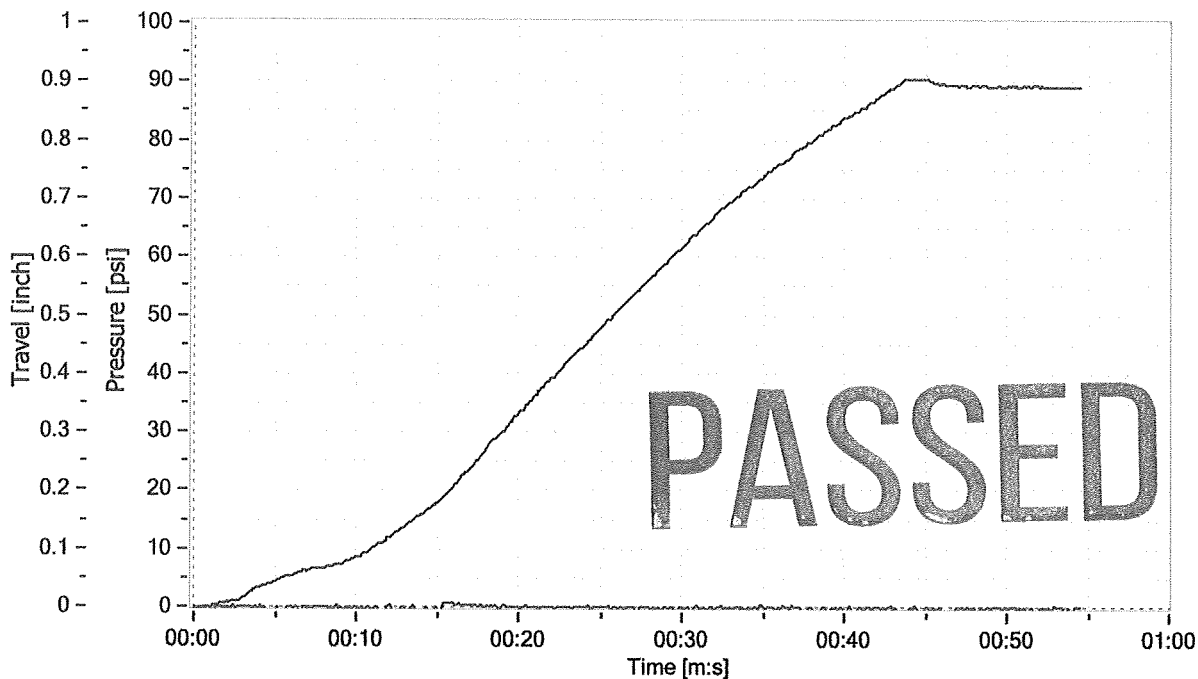
Test data

Seat tightness test

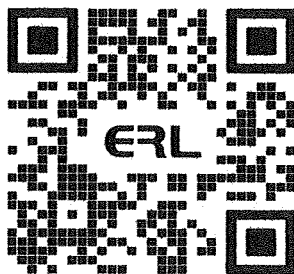
Leakage 0 bubbles/min.
Test pressure 82 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed



INTERLINK



Tested by

Name EDUARDO PEREZ

Date 3-10-22

Signature

Inspected by

Name

Date

Signature

Wesley A. Brock
15 March 2022

USL176

Safety valve inspection report

Certificate nr 1855
Date 03-17-2022

Job no. LV-10234-SO
Client Lyondell
Barge # USL 146

Set pressure (cold) 150 psi
Manufacturer Aquatrol
Type / Model 742DF1E2K1
Serial No. N211126-15

Valve data

Size 3/4xDx1
Rating
Nozzle / Orifice D

Test data

Set pressure test

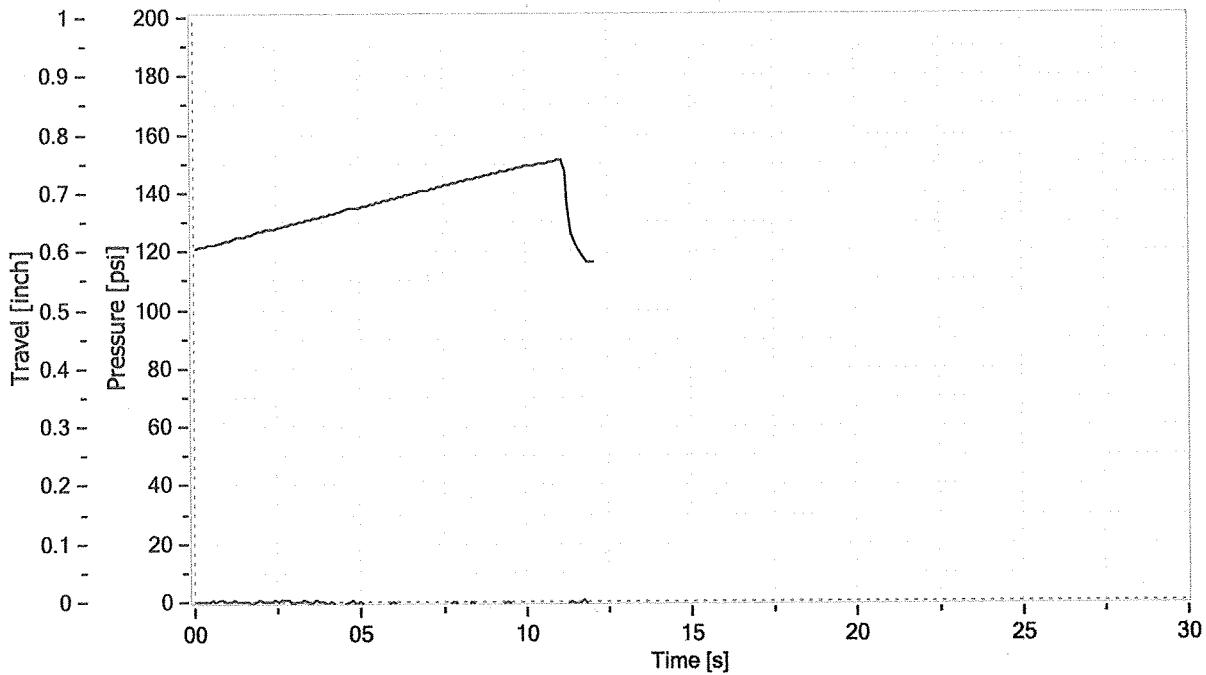
Found set pressure 151 psi
Reseat pressure (indication) 116 psi
Result Passed
Test method Air

Seat tightness test

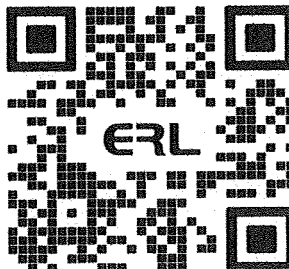
Leakage 0 bubbles/min.
Test pressure 136 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed



INTERLINK



Tested by

Name Javier Gutierrez

Date 3-17-22

Signature

Inspected by

Name Hope Borders

Date 3-17-22

Signature

US 146

Safety valve inspection report

Certificate nr 1854
Date 03-17-2022

Job no. LV-10234-SO
Client Lyondell
Barge # USL 146

Set pressure (cold) 81 psi
Manufacturer Aquatrol
Type / Model 742DD1E2K1
Serial No. N211126-3

Valve data

Size 1/2xDx1
Rating
Nozzle / Orifice D

Test data

Set pressure test

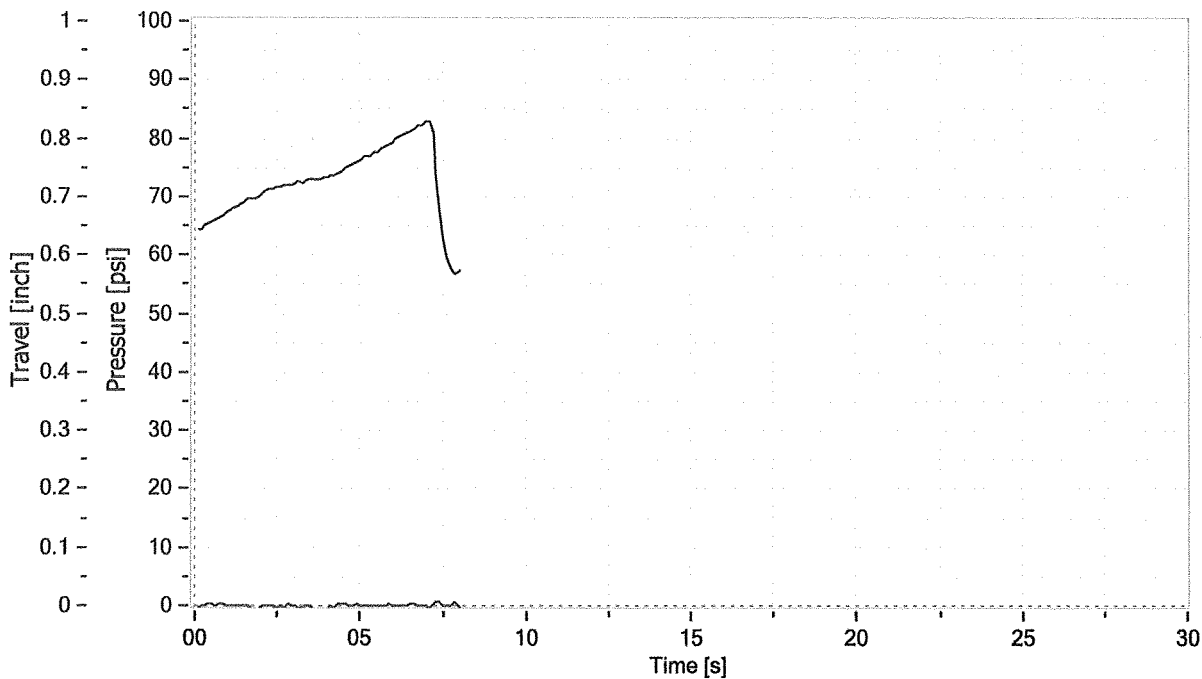
Found set pressure 83 psi
Reseat pressure (indication) 57 psi
Result Passed
Test method Air

Seat tightness test

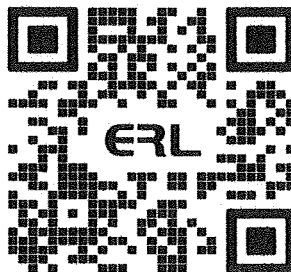
Leakage 0 bubbles/min.
Test pressure 76 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed



INTERLINK



Tested by

Name Javier Gutierrez
Date 3-17-22
Signature *[Signature]*

Inspected by

Name Hope Borders
Date 3-17-22
Signature *[Signature]*

Safety valve inspection report

Certificate nr 1852
Date 03-17-2022

Job no. LV-10234-SO
Client Lyondell
Barge # USL 146

Set pressure (cold) 150 psi
Manufacturer Aquatrol
Type / Model 742DF1E2K1
Serial No. K211126-10

Valve data

Size 3/4xDx1
Rating
Nozzle / Orifice D

Set pressure test

Found set pressure 152 psi
Reseat pressure (indication) 110 psi
Result Passed
Test method Air

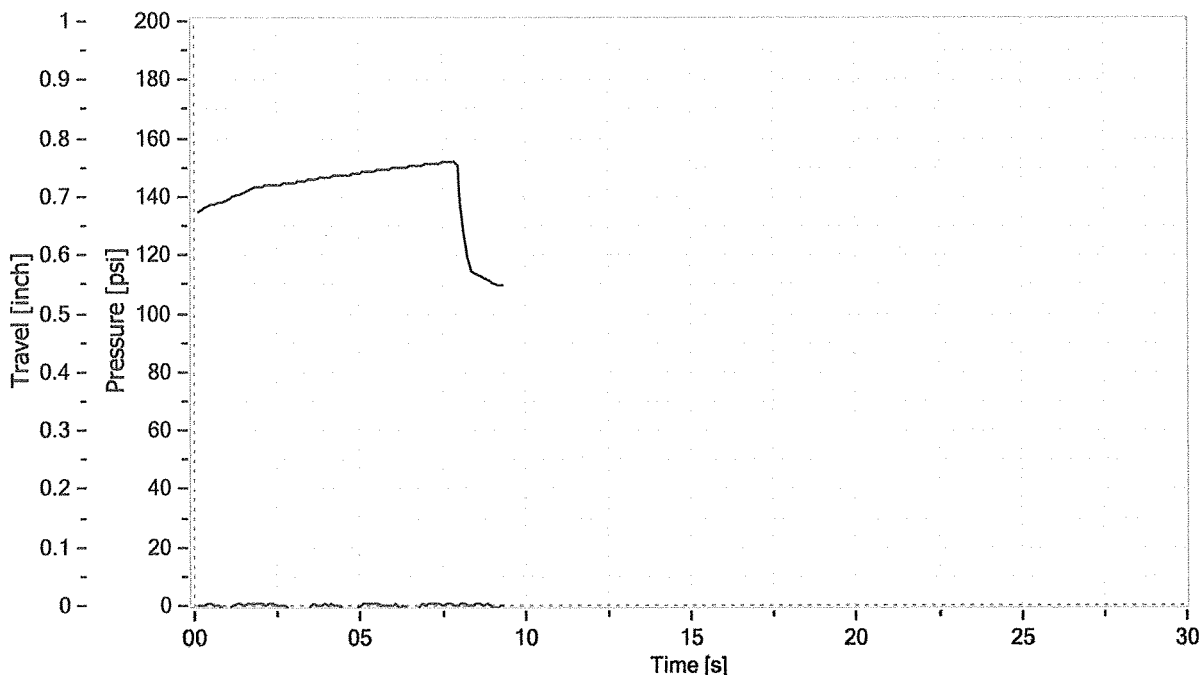
Test data

Seat tightness test

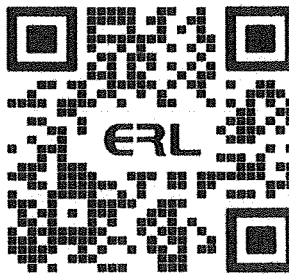
Leakage 0 bubbles/min.
Test pressure 139 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed



INTERLINK



Tested by

Name Javier Gutierrez

Date 3-17-22

Signature

Inspected by

Name Hope Borders

Date 3-17-22

Signature

SHUT-OFF VALVE INSPECTION REPORT

Certificate nr 1841
Date 03-14-2022

Job no. LV-10241-WO
Client Lyondell
Barge # USL 146

Valve data

Manufacturer Warren
Type / Model 6156FS
Serial No. 7327

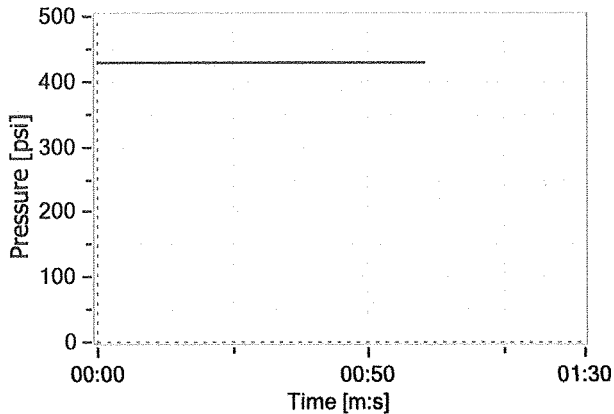
Size 4"
Rating 150
Fluid Liquid

Test results

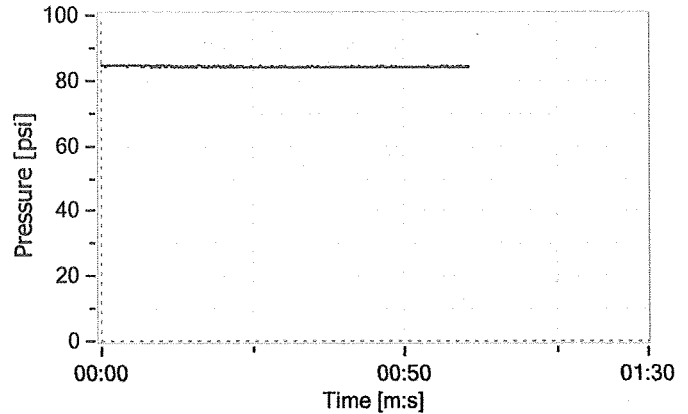
Body test
Pressure 428 psi
Time 1:00

Seat tests	AB	BA
Pressure	84 psi	83 psi
Time	1:01	1:01
Leakage	0 bubbles/min.	0 bubbles/min.

BODY TEST GRAPH

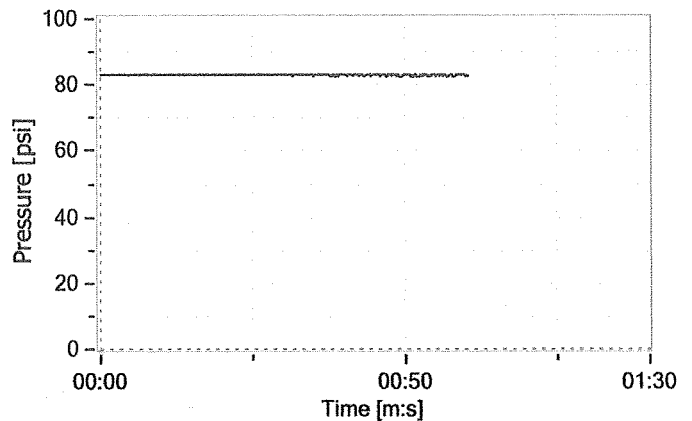


SEAT TEST GRAPH AB



Tested by
Name David Theiler
Date 3-14-22
Signature *[Signature]*

SEAT TEST GRAPH BA



Inspected by
Name B. Ritchie
Date 3/14/22
Signature *[Signature]*



PASSED

SHUT-OFF VALVE INSPECTION REPORT

Certificate nr 1838
Date 03-14-2022

Job no. LV-10241-WO
Client Lyondell
Barge # USL 146

Valve data

Manufacturer Warren
Type / Model 6156FS
Serial No. 0266-4

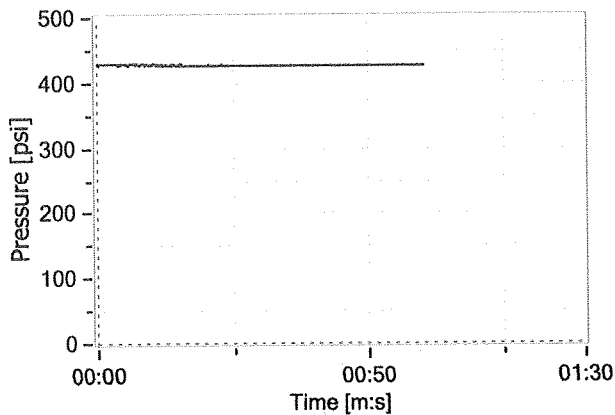
Size 4"
Rating 150
Fluid Liquid

Test results

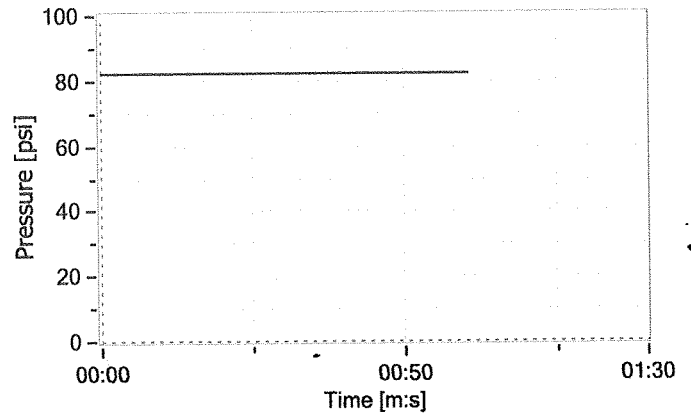
Body test
Pressure 428 psi
Time 1:00

Seat tests	AB	BA
Pressure	82 psi	83 psi
Time	1:01	1:01
Leakage	0 bubbles/min.	0 bubbles/min.

BODY TEST GRAPH



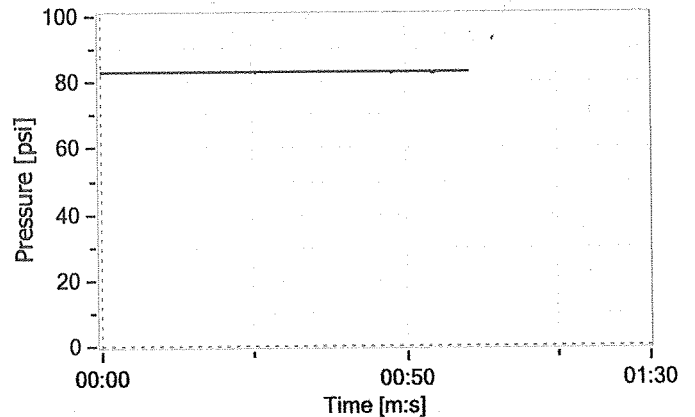
SEAT TEST GRAPH AB



Tested by

Name David Theiler
Date 3-14-22
Signature *[Handwritten Signature]*

SEAT TEST GRAPH BA

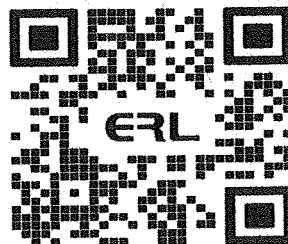


Inspected by

Name B. Ritchie
Date 3/14/22
Signature *[Handwritten Signature]*



INTERLINK



PASSED

SHUT-OFF VALVE INSPECTION REPORT

Certificate nr 1839
Date 03-14-2022

Job no. LV-10241-WO
Client Lyondell
Barge # USL 146

Valve data

Manufacturer Warren
Type / Model 6156FS
Serial No. 0266-5

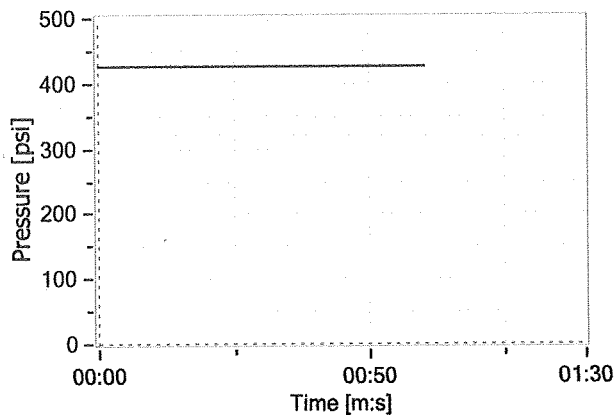
Size 4"
Rating 150
Fluid Liquid

Test results

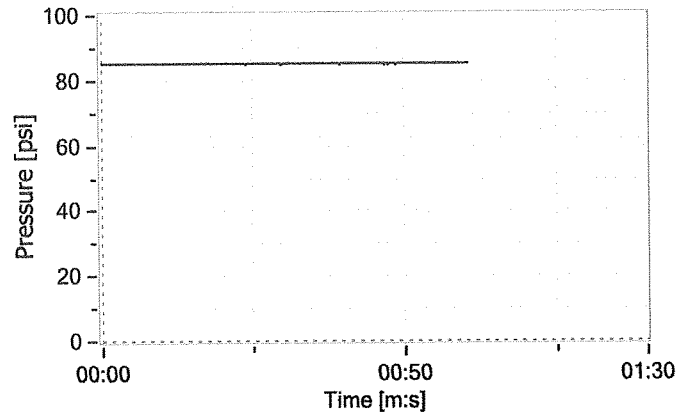
Body test
Pressure 427 psi
Time 1:00

Seat tests	AB	BA
Pressure	85 psi	84 psi
Time	1:01	1:01
Leakage	0 bubbles/min.	0 bubbles/min.

BODY TEST GRAPH



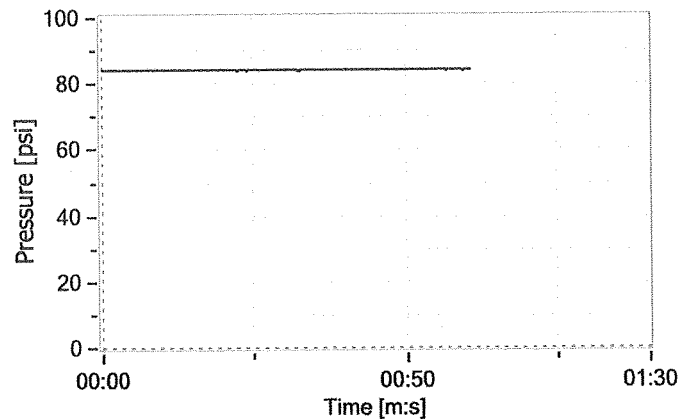
SEAT TEST GRAPH AB



Tested by

Name David Theiler
Date 3-14-22
Signature *[Signature]*

SEAT TEST GRAPH BA

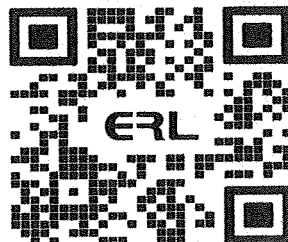


Inspected by

Name B. Ritchie
Date 3/14/22
Signature *[Signature]*



INTERLINK



PASSED

SHUT-OFF VALVE INSPECTION REPORT

Certificate nr 1842
Date 03-14-2022

Job no. LV-10241-WO
Client Lyondell
Barge # USL 146

Valve data

Manufacturer Warren
Type / Model 6156FS
Serial No. 8871-2

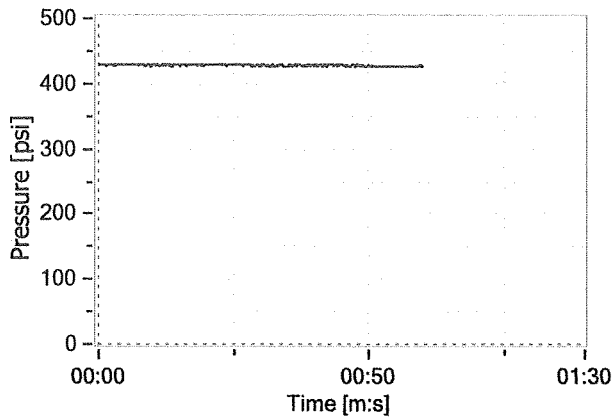
Size 4"
Rating 150
Fluid Liquid

Test results

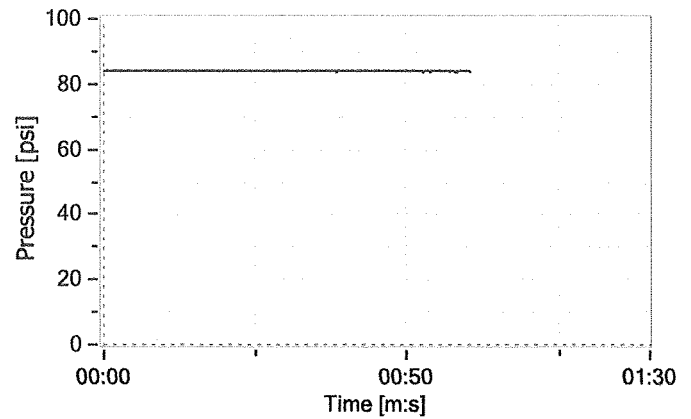
Body test
Pressure 428 psi
Time 1:00

Seat tests	AB	BA
Pressure	84 psi	85 psi
Time	1:01	1:01
Leakage	0 bubbles/min.	0 bubbles/min.

BODY TEST GRAPH



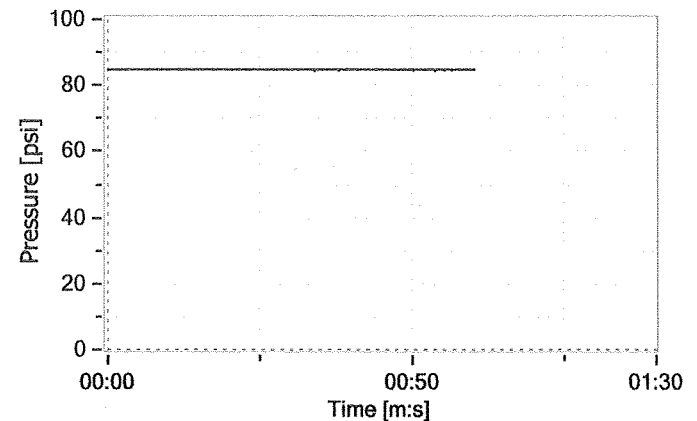
SEAT TEST GRAPH AB



Tested by

Name David Theiler
Date 3-14-22
Signature *[Signature]*

SEAT TEST GRAPH BA

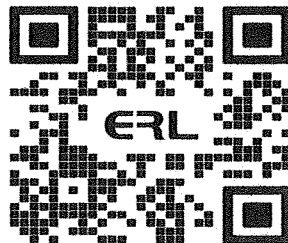


Inspected by

Name B. Ritchie
Date 3/14/22
Signature *[Signature]*



INTERLINK



PASSED

SHUT-OFF VALVE INSPECTION REPORT

Certificate nr 1837
Date 03-14-2022

Job no. LV-10241-WO
Client Lyondell
Barge # USL 146

Valve data

Manufacturer Warren
Type / Model 6156FS
Serial No. 0266-3

Size 4"
Rating 150
Fluid Liquid

Test results

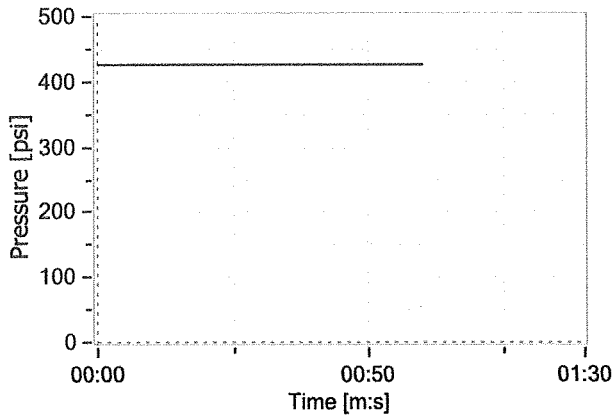
Body test

Pressure 426 psi
Time 1:00

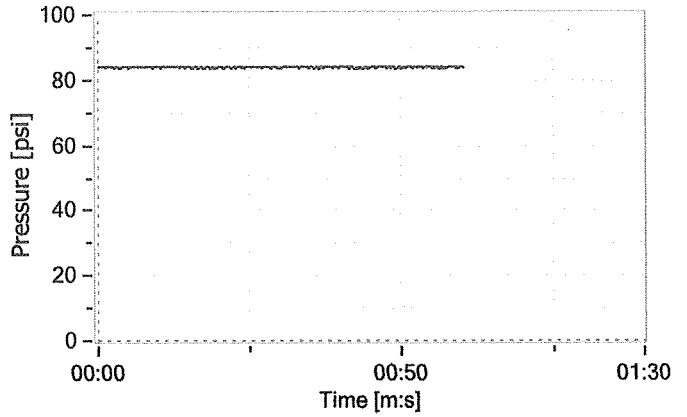
Seat tests

	AB	BA
Pressure	84 psi	85 psi
Time	1:01	1:01
Leakage	0 bubbles/min.	0 bubbles/min.

BODY TEST GRAPH



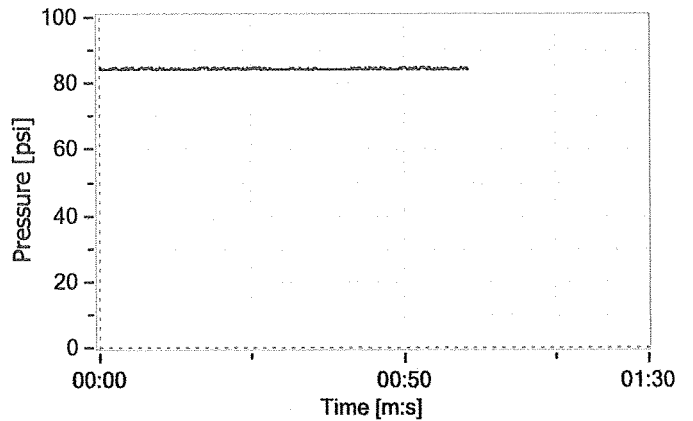
SEAT TEST GRAPH AB



Tested by

Name David Theiler
Date 3-14-22
Signature *[Handwritten Signature]*

SEAT TEST GRAPH BA

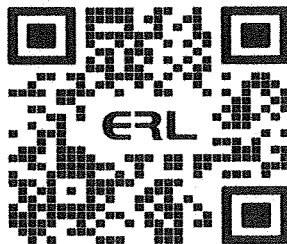


Inspected by

Name B. Ritchie
Date 3/14/22
Signature *[Handwritten Signature]*



INTERLINK



PASSED

SHUT-OFF VALVE INSPECTION REPORT

Certificate nr 1836
Date 03-14-2022

Job no. LV-10241-WO
Client Lyondell
Barge # USL 146

Valve data

Manufacturer Warren
Type / Model 6156FS
Serial No. 0266-2

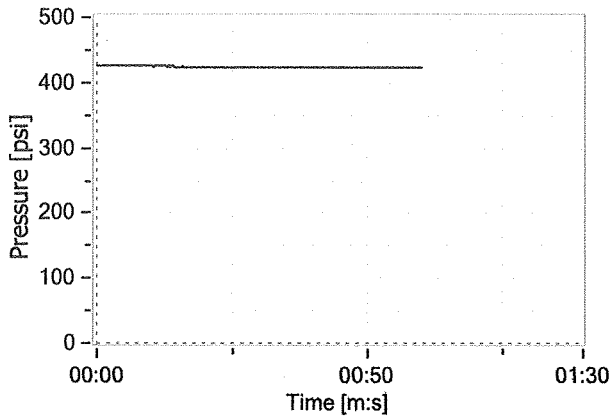
Size 4"
Rating 150
Fluid Liquid

Test results

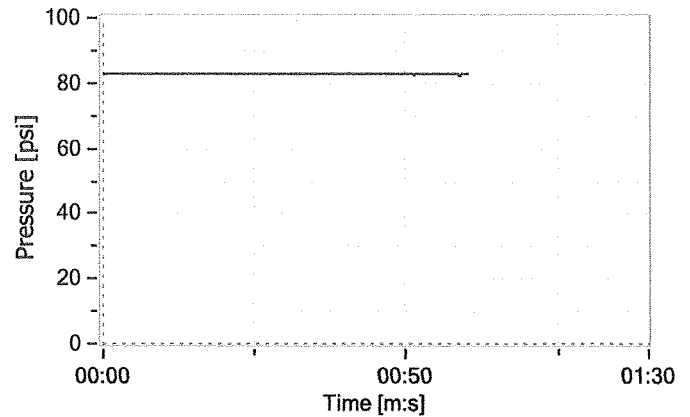
Body test
Pressure 425 psi
Time 1:00

Seat tests	AB	BA
Pressure	83 psi	84 psi
Time	1:01	1:01
Leakage	0 bubbles/min.	0 bubbles/min.

BODY TEST GRAPH



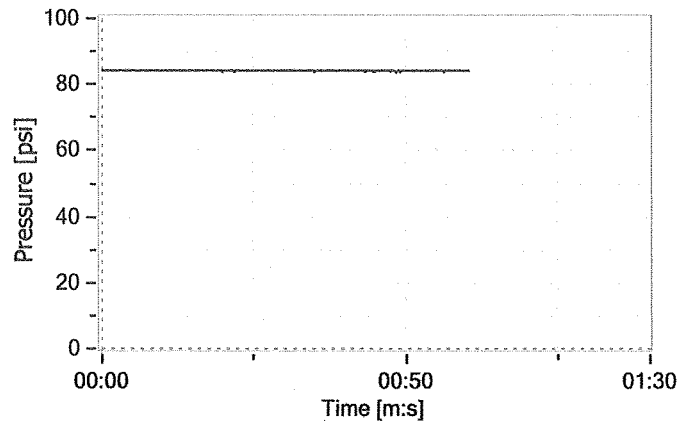
SEAT TEST GRAPH AB



Tested by

Name David Theiler
Date 3-14-22
Signature *[Handwritten Signature]*

SEAT TEST GRAPH BA



Inspected by

Name B. Ritchie
Date 3/14/22
Signature *[Handwritten Signature]*



INTERLINK



PASSED

SHUT-OFF VALVE INSPECTION REPORT

Certificate nr 1835
Date 03-14-2022

Job no. LV-10241-WO
Client Lyondell
Barge # USL 146

Valve data

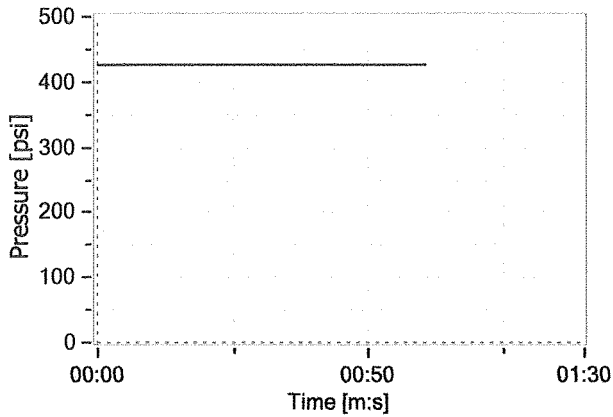
Manufacturer Warren
Type / Model 6156FS
Serial No. 0266-1

Size 4"
Rating 150
Fluid Liquid

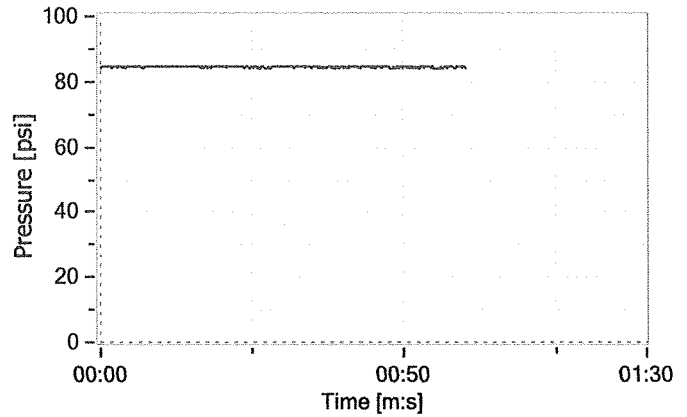
Test results

Body test	Seat tests	AB	BA
Pressure 426 psi	Pressure 84 psi	84 psi	83 psi
Time 1:00	Time 1:01	1:01	1:01
	Leakage 0 bubbles/min.	0 bubbles/min.	0 bubbles/min.

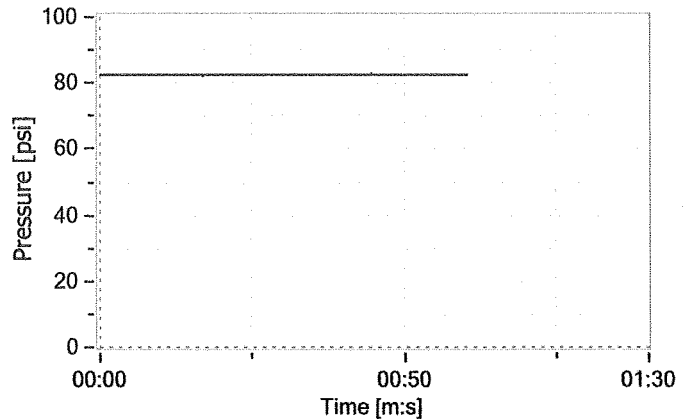
BODY TEST GRAPH



SEAT TEST GRAPH AB



SEAT TEST GRAPH BA



Tested by

Name David Theiler

Date 3-14-22

Signature

Inspected by

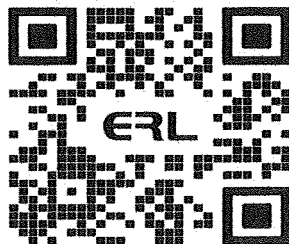
Name B. Ritchie

Date 3/14/22

Signature



INTERLINK



PASSED

SHUT-OFF VALVE INSPECTION REPORT

Certificate nr 1840
Date 03-14-2022

Job no. LV-10241-WO
Client Lyondell
Barge # USL 146

Valve data

Manufacturer Warren
Type / Model 6156FS
Serial No. 0266-8

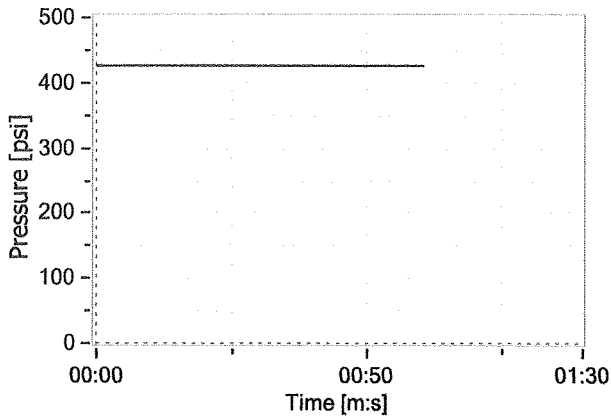
Size 4"
Rating 150
Fluid Liquid

Test results

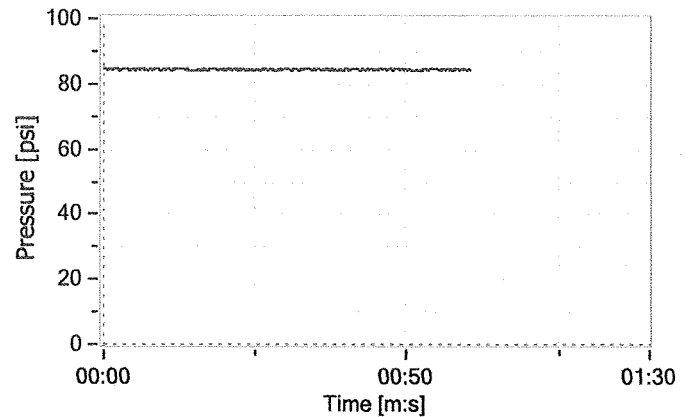
Body test
Pressure 426 psi
Time 1:00

Seat tests	AB	BA
Pressure	84 psi	83 psi
Time	1:01	1:01
Leakage	0 bubbles/min.	0 bubbles/min.

BODY TEST GRAPH



SEAT TEST GRAPH AB



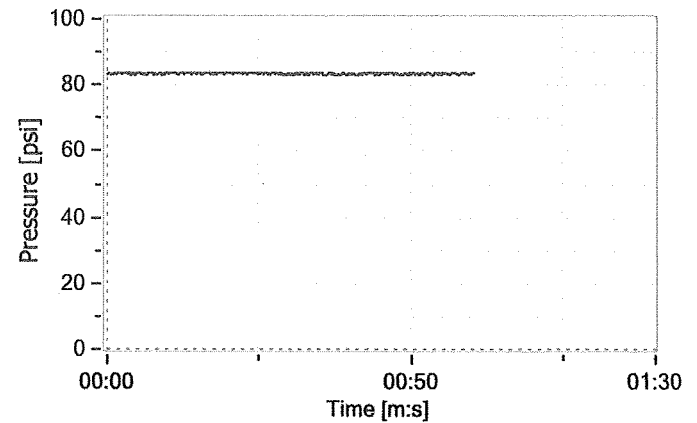
Tested by

Name David Theiler
Date 3-14-22
Signature *[Signature]*

Inspected by

Name B. Ritchie
Date 3/14/22
Signature *[Signature]*

SEAT TEST GRAPH BA



INTERLINK



PASSED

Warren Ball Valve Rebuild Condition Report

Job # LV-10241-WO
Barge # USL 146
Date: 3-7-22

Size: 2 3 4 6 8
Pressure: 150 300
Material: CS SS
Serial # 108871 Match Mark # 8871-2

Type Gear Operated Air Operated

Body match mark # _____
Body condition Good Pitted Other

Cap match mark # _____
Cap condition Good Pitted Other

Ball match mark # _____
Ball condition Good Pitted Other

Stem match mark # _____
Stem condition Good Pitted Other Renew

Stem bolting Reuse Replace

Testing Personnel Only						
Test	Low	High	SS Shell		CS Shell	
PSI	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 80	<input checked="" type="checkbox"/> 425	<input type="checkbox"/> 1100	<input type="checkbox"/> 450	<input type="checkbox"/> 1125
<input checked="" type="checkbox"/> Visually checked body bolts for 2 or more threads						
<input checked="" type="checkbox"/> Verified all body bolts are torqued						

Test Date: 3-14-22 Technician:  Witness: 

Warren Ball Valve Rebuild Condition Report

Job # LV-10241-WO
Barge # USL 146
Date: 3-7-22

Size: 2 3 4 6 8 Material: CS SS
Pressure: 150 300 Serial # 107327 Match Mark # 7327

Type Gear Operated Air Operated

Body match mark # _____
Body condition Good Pitted Other

Cap match mark # _____
Cap condition Good Pitted Other

Ball match mark # _____
Ball condition Good Pitted Other

Stem match mark # _____
Stem condition Good Pitted Other Renew

Stem bolting Reuse Replace

Testing Personnel Only						
Test	Low	High	SS Shell		CS Shell	
PSI	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 80	<input checked="" type="checkbox"/> 425	<input type="checkbox"/> 1100	<input type="checkbox"/> 450	<input type="checkbox"/> 1125
<input checked="" type="checkbox"/> Visually checked body bolts for 2 or more threads						
<input checked="" type="checkbox"/> Verified all body bolts are torqued						

Test Date: 3-14-22 Technician: [Signature] Witness: [Signature]

Warren Ball Valve Rebuild Condition Report

Job # LV-10241-WO
Barge # USL 146
Date: 3-7-22

Size: 2 3 4 6 8 Material: CS SS
Pressure: 150 300 Serial # 110266 Match Mark # 0266 8

Type Gear Operated Air Operated

Body match mark # _____
Body condition Good Pitted Other

Cap match mark # _____
Cap condition Good Pitted Other

Ball match mark # _____
Ball condition Good Pitted Other

Stem match mark # _____
Stem condition Good Pitted Other Renew

Stem bolting Reuse Replace

Testing Personnel Only						
Test	Low	High	SS Shell		CS Shell	
PSI	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 80	<input checked="" type="checkbox"/> 425	<input type="checkbox"/> 1100	<input type="checkbox"/> 450	<input type="checkbox"/> 1125
<input checked="" type="checkbox"/> Visually checked body bolts for 2 or more threads						
<input checked="" type="checkbox"/> Verified all body bolts are torqued						

Test Date: 3-14-22 Technician: [Signature] Witness: [Signature]

Warren Ball Valve Rebuild
Condition Report

Job # LV-10241-WO
Barge # USL 146
Date: 3-7-22

Size: 2 3 4 6 8 Material: CS SS
Pressure: 150 300 Serial # 110266 Match Mark # 02665

Type Gear Operated Air Operated

Body match mark # _____
Body condition Good Pitted Other

Cap match mark # _____
Cap condition Good Pitted Other

Ball match mark # _____
Ball condition Good Pitted Other

Stem match mark # _____
Stem condition Good Pitted Other Renew

Stem bolting Reuse Replace

Testing Personnel Only						
Test	Low	High	SS Shell		CS Shell	
PSI	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 80	<input checked="" type="checkbox"/> 425	<input type="checkbox"/> 1100	<input type="checkbox"/> 450	<input type="checkbox"/> 1125
	<input checked="" type="checkbox"/> Visually checked body bolts for 2 or more threads					
	<input checked="" type="checkbox"/> Verified all body bolts are torqued					

Test Date: 3-14-22 Technician: [Signature] Witness: [Signature]

Warren Ball Valve Rebuild
Condition Report

Job # LV-10241-WO
Barge # USL 146
Date: 3-7-22

Size: 2 3 4 6 8 Material: CS SS
Pressure: 150 300 Serial # 110266 Match Mark # 02664

Type Gear Operated Air Operated

Body match mark # _____
Body condition Good Pitted Other

Cap match mark # _____
Cap condition Good Pitted Other

Ball match mark # _____
Ball condition Good Pitted Other

Stem match mark # _____
Stem condition Good Pitted Other Renew

Stem bolting Reuse Replace

Testing Personnel Only						
Test	Low	High	SS Shell		CS Shell	
PSI	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 80	<input checked="" type="checkbox"/> 425	<input type="checkbox"/> 1100	<input type="checkbox"/> 450	<input type="checkbox"/> 1125
<input checked="" type="checkbox"/> Visually checked body bolts for 2 or more threads						
<input checked="" type="checkbox"/> Verified all body bolts are torqued						

Test Date: 3-14-22 Technician: [Signature] Witness: [Signature]

Law Valve of Texas

Warren Ball Valve Rebuild Condition Report

Job # LV-10241-Wo
Barge # USL 146
Date: 3-7-22

Size: 2 3 4 6 8 Material: CS SS
Pressure: 150 300 Serial # 110266 Match Mark # 0266 3

Type Gear Operated Air Operated

Body match mark # _____
Body condition Good Pitted Other

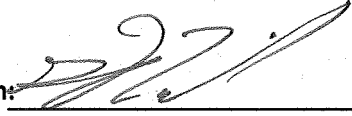
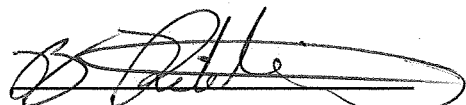
Cap match mark # _____
Cap condition Good Pitted Other

Ball match mark # _____
Ball condition Good Pitted Other

Stem match mark # _____
Stem condition Good Pitted Other Renew

Stem bolting Reuse Replace

Testing Personnel Only						
Test	Low	High	SS Shell		CS Shell	
PSI	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 80	<input checked="" type="checkbox"/> 425	<input type="checkbox"/> 1100	<input type="checkbox"/> 450	<input type="checkbox"/> 1125
<input checked="" type="checkbox"/> Visually checked body bolts for 2 or more threads						
<input checked="" type="checkbox"/> Verified all body bolts are torqued						

Test Date: 3-14-22 Technician:  Witness: 

Warren Ball Valve Rebuild Condition Report

Job # LV-10241-WO
Barge # USL 146
Date: 3-7-22

Size: 2 3 4 6 8 Material: CS SS
Pressure: 150 300 Serial # 110266 Match Mark # 0266 2

Type Gear Operated Air Operated

Body match mark # _____
Body condition Good Pitted Other

Cap match mark # _____
Cap condition Good Pitted Other

Ball match mark # _____
Ball condition Good Pitted Other

Stem match mark # _____
Stem condition Good Pitted Other Renew

Stem bolting Reuse Replace

Testing Personnel Only						
Test	Low	High	SS Shell		CS Shell	
PSI	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 80	<input checked="" type="checkbox"/> 425	<input type="checkbox"/> 1100	<input type="checkbox"/> 450	<input type="checkbox"/> 1125
<input checked="" type="checkbox"/> Visually checked body bolts for 2 or more threads						
<input checked="" type="checkbox"/> Verified all body bolts are torqued						

Test Date: 3-14-22 Technician:  Witness: 

Warren Ball Valve Rebuild Condition Report

Job # LV-10241-WO
Barge # USL 146
Date: 3-7-22

Size: 2 3 4 6 8 Material: CS SS
Pressure: 150 300 Serial # 110266 Match Mark # 02661

Type Gear Operated Air Operated

Body match mark # _____
Body condition Good Pitted Other

Cap match mark # _____
Cap condition Good Pitted Other

Ball match mark # _____
Ball condition Good Pitted Other

Stem match mark # _____
Stem condition Good Pitted Other Renew

Stem bolting Reuse Replace

Testing Personnel Only						
Test	Low	High	SS Shell		CS Shell	
PSI	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 80	<input checked="" type="checkbox"/> 425	<input type="checkbox"/> 1100	<input type="checkbox"/> 450	<input type="checkbox"/> 1125
<input checked="" type="checkbox"/> Visually checked body bolts for 2 or more threads						
<input checked="" type="checkbox"/> Verified all body bolts are torqued						

Test Date: 3-14-22 Technician: [Signature] Witness: [Signature]