



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

Certification Date:	14 Jan 2021
Expiration Date:	14 Jan 2026

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-147	592542			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	12Apr1978		R-1640	R-1640		R-192.3
			I-	I-		I-0

Owner	Operator
KIRBY INLAND MARINE 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

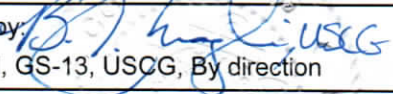
Route Permitted And Conditions Of Operation:
---Lakes, Bays, and Sounds---

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 Tank Barge Action Plan (TAP). Inspection issues concerning this barge should be directed to Sector Houston-Galveston OCFI.

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 OCFI notified in writing as soon as this change in status occurs.

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

With this Inspection for Certification having been completed at Houston, 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:  B. T. INAGAKI, GS-13, 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-147

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	29Dec2030	29Dec2020	01Aug2011
Internal Structure	29Dec2025	29Dec2020	31Aug2016

--- 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

Not Authorized

Loading Constraints - Structural

Tank Location Description	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1 P/S (BDI, BBM)	735	5.2
1 P/S (CBM)	697	4.9
1 P/S (BUT)	675	4.8
1 P/S (IBT, BMX)	650	4.7
1 P/S (BTN)	697	4.9
1 P/S (IBL)	701	5.0
1 P/S (POX)	870	7.2

Conditions Of Carriage

Loading Constraints - Stability

Hull Type	Max Load (S/T)	Max Draft (ft/in)	Max Density (lbs/gal)	Route
II (BDI, BBM)	1470	7'8"	5.2	LBS, R, LC (0-12)
II (CBM)	1394	7'5"	4.9	LBS, R, LC (0-12)
II (BUT)	1349	7'2 3/4"	4.8	LBS, R, LC (0-12)
II (IBT, BMX)	1299	7'0 5/16"	4.7	LBS, R, LC (0-12)
II (BTN)	1394	7'5"	4.9	LBS, R, LC (0-12)
II (IBL)	1402	7'5"	5.0	LBS, R, LC (0-12)
II (POX)	1740	8'6"	7.2	LBS, R, LC (0-12)

Only those cargoes named in the vessel's Cargo Authority Attachment, serial #VN80013510, dated 11Apr00, 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 zero degrees fahrenheit.

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).

Stability and 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.



Temporary Certificate of Inspection

Vessel Name: USL-147

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 P/S (BDI, BBM)	01Aug2011	29Dec2020	29Dec2030	20Aug2018	29Dec2020	29Dec2025
1 P/S (CBM)	01Aug2011	29Dec2020	29Dec2030	20Aug2018	29Dec2020	29Dec2025
1 P/S (BUT)	01Aug2011	29Dec2020	29Dec2030	20Aug2018	29Dec2020	29Dec2025
1 P/S (IBT, BMX)	01Aug2011	29Dec2020	29Dec2030	20Aug2018	29Dec2020	29Dec2025
1 P/S (BTN)	01Aug2011	29Dec2020	29Dec2030	20Aug2018	29Dec2020	29Dec2025
1 P/S (IBL)	01Aug2011	29Dec2020	29Dec2030	20Aug2018	29Dec2020	29Dec2025
1 P/S (POX)	01Aug2011	29Dec2020	29Dec2030	20Aug2018	29Dec2020	29Dec2025

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
1 P/S (BDI, BBM)	07Jan2021	-	-	-
1 P/S (CBM)	07Jan2021	-	-	-
1 P/S (BUT)	07Jan2021	-	-	-
1 P/S (IBT, BMX)	07Jan2021	-	-	-
1 P/S (BTN)	07Jan2021	-	-	-
1 P/S (IBL)	07Jan2021	-	-	-
1 P/S (POX)	07Jan2021	-	-	-

---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 288
Date 01-06-2021

Job no. LV-7178-WO
Client Lyondell
Barge # USL 147

Valve data

Set pressure (cold) 90 psi
Manufacturer Farris
Type / Model 26RA10L-120
Serial No. 587395-2-A10

Size 6xRx8
Rating 150x150
Nozzle / Orifice R
Tag. No.

Test data

Set pressure test

Found set pressure 90 psi
Reseat pressure (Indication) 88 psi
Result Passed
Test method Air

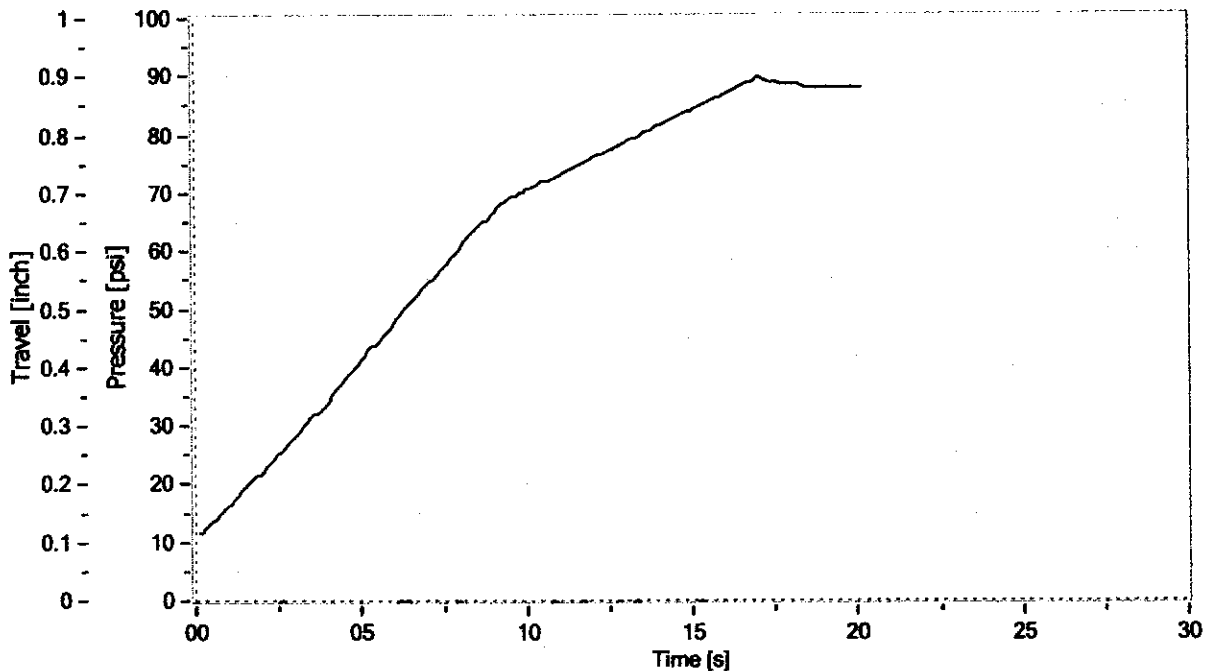
Seat tightness test

Leakage 0 bubbles/min.
Test pressure 83 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed

Law Valve of Texas



Tested by
Name
Date
Signature

David Theiler
1-7-2021
[Signature]

Inspected by
Name Christopher Thomas
Date 7/24/21
Signature *[Signature]*

Safety valve inspection report

Certificate nr 289
Date 01-06-2021

Job no. LV-7178-WO
Client Lyondell
Barge # USL 147

Valve data

Set pressure (cold) 90 psi
Manufacturer Farris
Type / Model 26RA10L-120
Serial No. 587395-3-A10

Size 6xRx8
Rating 150x150
Nozzle / Orifice R
Tag. No.

Test data

Set pressure test

Found set pressure 90 psi
Reseat pressure (Indication) 84 psi
Result Passed
Test method Air

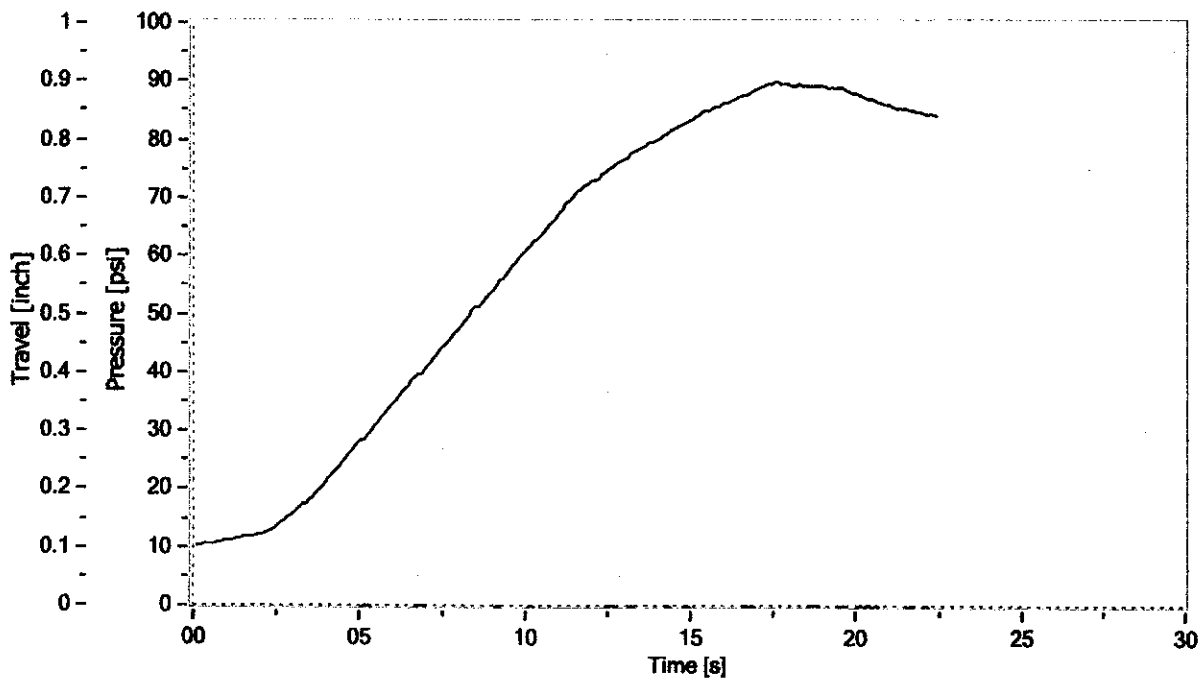
Seat tightness test

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

Backpressure test

Pressure 31 psi
Result Passed

Law Valve of Texas



Tested by
Name
Date
Signature

David Theiler
1-7-2021
[Signature]

Inspected by
Name *Christopher Dennis*
Date 7/5/21
Signature *[Signature]*

Safety valve inspection report

Certificate nr 290
Date 01-06-2021

Job no. LV-7178-WO
Client Lyondell
Barge # USL 147

Valve data

Set pressure (cold) 90 psi
Manufacturer Farris
Type / Model 26RA10L-120
Serial No. 587395-4-A10

Size 6xRx8
Rating 150x150
Nozzle / Orifice R
Tag. No.

Test data

Set pressure test

Found set pressure 89 psi
Reseat pressure (indication) 86 psi
Result Passed
Test method Air

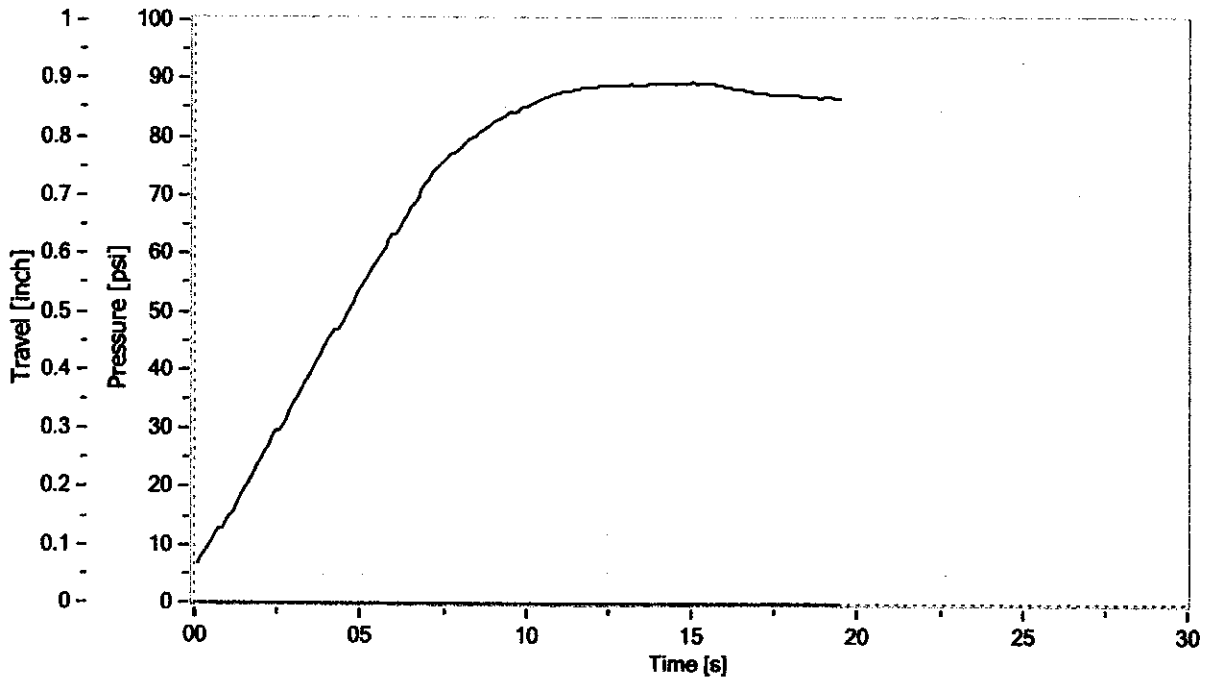
Seat tightness test

Leakage 0 bubbles/min.
Test pressure 83 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed

Law Valve of Texas



Tested by
Name
Date
Signature

David Theiler
1-7-2021
[Signature]

Inspected by
Name *Christopher Thomas*
Date *7/24/21*
Signature *[Signature]*

Safety valve inspection report

Certificate nr 291
Date 01-06-2021

Job no. LV-7178-WO
Client Lyondell
Barge # USL 147

Valve data

Set pressure (cold) 90 psi
Manufacturer Farris
Type / Model 26RA10L-120
Serial No. 587395-5-A10

Size 6xRx8
Rating 150x150
Nozzle / Orifice R
Tag. No.

Test data

Set pressure test

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

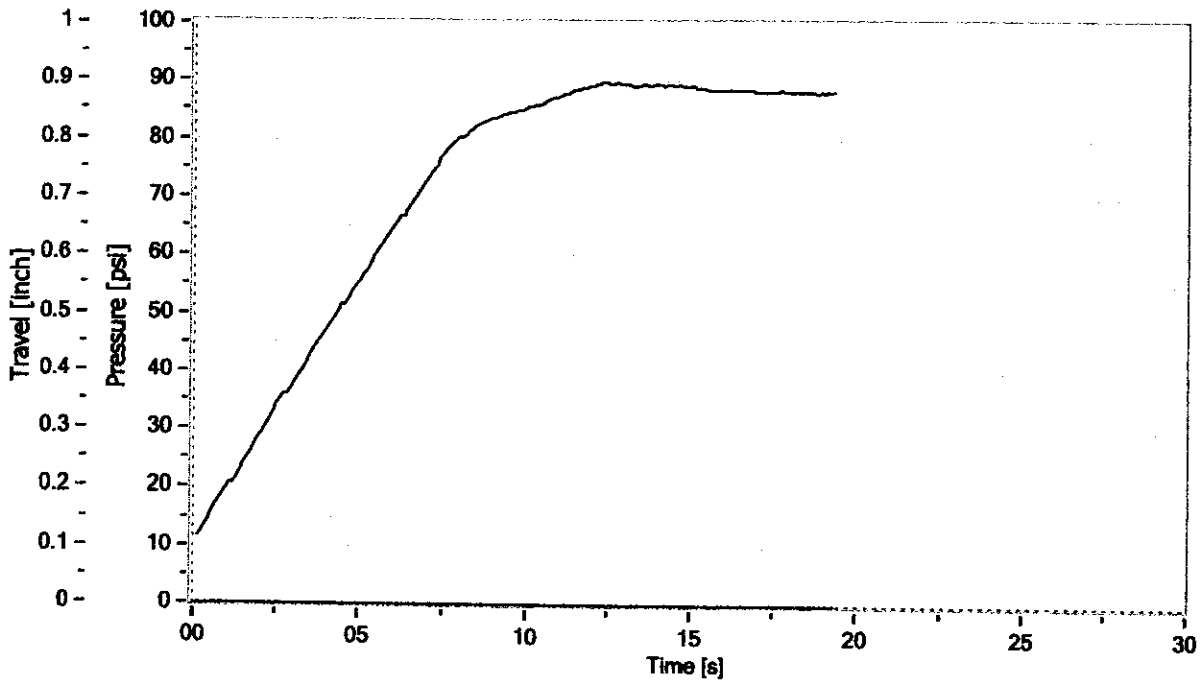
Seat tightness test

Leakage 0 bubbles/min.
Test pressure 83 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed

Law Valve of Texas



Tested by
Name
Date
Signature

David Theller
1-7-2021
[Signature]

Inspected by
Name Christopher Thomas
Date 1-7-2021
Signature *[Signature]*

Safety valve inspection report

Certificate nr 286
Date 01-06-2021

Job no. LV-7178-WB
Client Lyondell
Barge # USL 147

Valve data

Set pressure (cold) 90 psi
Manufacturer Farris
Type / Model 26RA10L-120
Serial No. 587395-6-A10

Size 6xRx8
Rating 150x150
Nozzle / Orifice R
Tag. No.

Test data

Set pressure test

Found set pressure 92 psi
Reseat pressure (indication) 89 psi
Result Passed
Test method Air

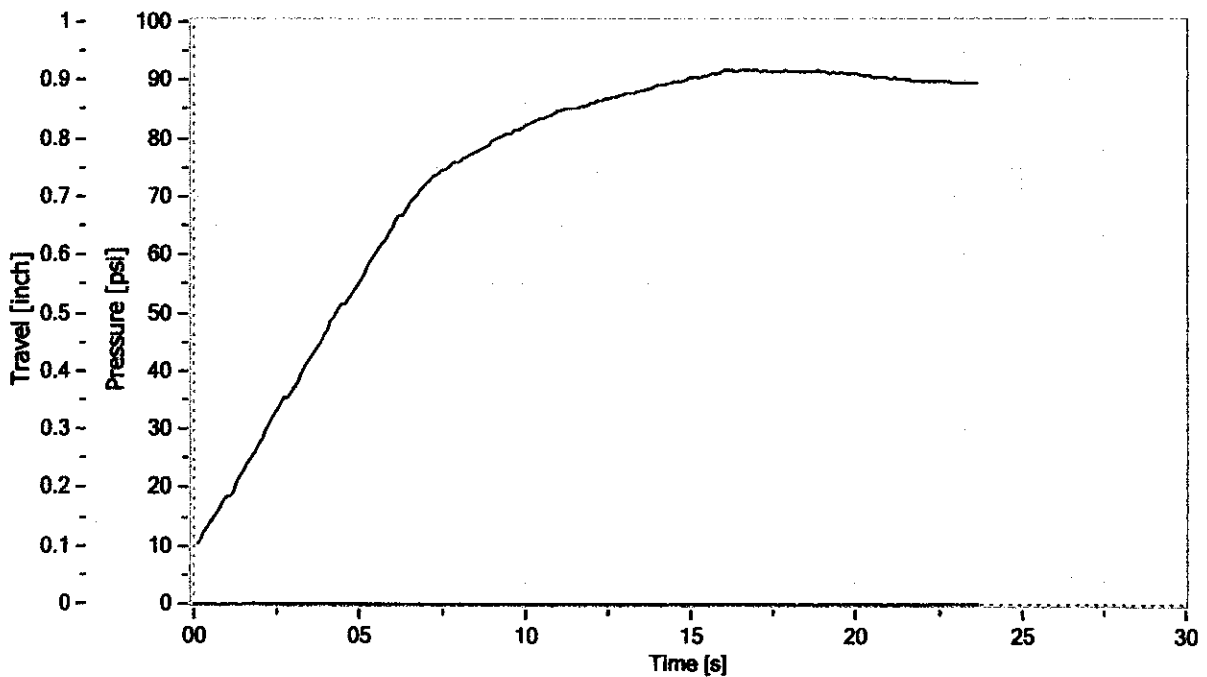
Seat tightness test

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

Backpressure test

Pressure 31 psi
Result Passed

Law Valve of Texas



Tested by
Name
Date
Signature

David Theiler
1-7-2021
[Signature]

Inspected by
Name Christopher Tramm
Date 7/20/21
Signature *[Signature]*

Safety valve inspection report

Certificate nr 287
Date 01-06-2021

Job no. LV-7178-WO
Client Lyondell
Barge # USL 147

Valve data

Set pressure (cold) 90 psi
Manufacturer Farris
Type / Model 26RA10L-120
Serial No. 587395-1-A10

Size 6xRx8
Rating 150x150
Nozzle / Orifice R
Tag. No.

Test data

Set pressure test

Found set pressure 90 psi
Reseat pressure (indication) 84 psi
Result Passed
Test method Air

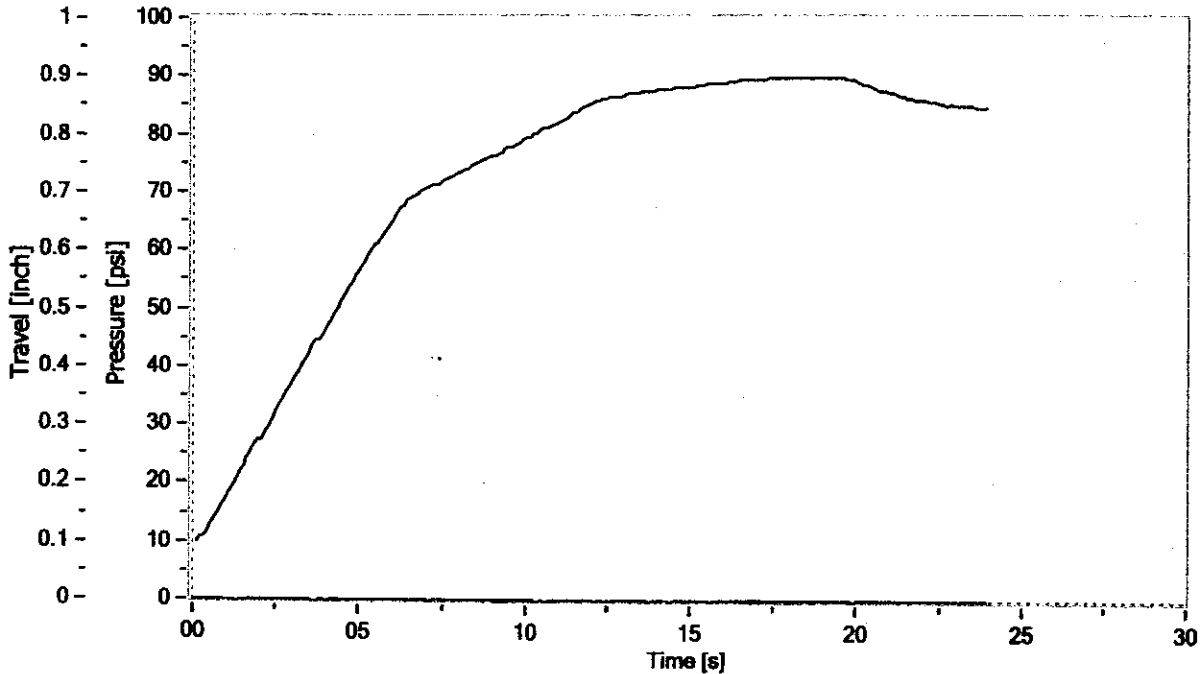
Seat tightness test

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

Backpressure test

Pressure 31 psi
Result Passed

Law Valve of Texas



Tested by
Name
Date
Signature

David Theiler
1-7-2021

Inspected by *Christylo Thomas*
Name
Date 7 JAN 21
Signature *Christylo Thomas*