



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

Certification Date: 20 Sep 2019

Expiration Date: 20 Sep 2020

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 131	558875			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
PHILADELPHIA, PA	Steel		
UNITED STATES			

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
DECATUR, AL	01Jan1974		R-2008	R-2008		R-184.0
UNITED STATES			-	-		-0

Owner	Operator
GATX THIRD AIRCRAFT CORP 580 California St Suite 1100 San Francisco, CA UNITED STATES	KIRBY INLAND MARINE, LP 18350 Market St. 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 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 & 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 OCMI Houston-Galveston.

*****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, 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 issued by: Nicole D. Rodriguez, CDR, USCG, By Direction <i>[Signature]</i> Officer in Charge, Marine Inspection Sector Houston-Galveston Inspection Zone
Date	Zone	A/P/R	Signature	



Temporary Certificate of Inspection

Vessel Name: USL 131

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	30Sep2029	05Sep2019	06Jun2011
Internal Structure	31Aug2024	30Aug2019	29Jun2015

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

Authorization: LFG & SPECIFIED HAZARDOUS CARGO

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 Location Description	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1	1000	7.20
2	1000	7.20

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
II	1990	9ft 0in	7.20	
II	1990	9ft 0in	7.20	

Conditions Of Carriage

Only those cargoes named in the vessel's Cargo Authority Attachment, serial #VN80011827, dated 26FEB01, may be carried, and then only in the tanks indicated.

*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.

Inspected and approved for the carriage of specified liquefied flammable gases at a pressure not to exceed 90 P.S.I.G. relief valve setting and at temperatures not less than ambient (0-115 DEGREES F).

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1	06Jun2011	30Aug2019	31Aug2029	29Jun2015	30Aug2019	31Aug2022
2	06Jun2011	30Aug2019	31Aug2029	29Jun2015	30Aug2019	31Aug2022
			Hydro Test			
Tank Id	Safety Valves		Previous	Last	Next	
1	12Sep2019		-	-	-	
2	12Sep2019		-	-	-	



Temporary Certificate of Inspection

Vessel Name: USL 131

---Conditional Portable Fire Extinguisher Requirements---

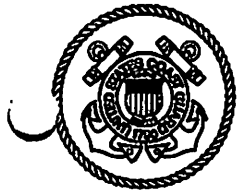
Required Only During Transfer of Cargo or Operation of Barge Machinery

--- Fire Fighting Equipment ---

Fire Extinguishers - Hand portable and semi-portable

Quantity	Class Type
1	40-B

END



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: USL 131
Official #: D558875

Page 1 of 1

Shipyard: INGALLS IRON
Hull #: 1841

List of Authorized Cargoes

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat		Grade	Hull Type	Note	Special Requirements in 48 CFR 151 General and Marks of Construction
		Group No	Exc				

Authorized Subchapter O Cargoes

Propylene oxide	POX	16	N	A	II		.50-10, .50-13
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Explanation of terms & symbols used in the Table:

Cargo Identification

- Name** The proper shipping name as listed in 48 CFR Table 151.05.
- Chem Code** The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual.
- Compatibility Group No.** The cargo reactive group number assigned for compatibility determinations in 48 CFR Part 150 Tables I and II. In accordance with 48 CFR 150.130, the Person-in-Charge of the barge is responsible for ensuring that the compatibility requirements of 48 CFR Part 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 48 CFR 150 in conjunction with the assigned reactive group number.
- Exceptions (Exc)** Indication of whether or not there are exceptions to the compatibility chart for the given cargo. See Appendix I to 48 CFR Part 150.
- Grade** The cargo classification assigned to each flammable or combustible liquid. Grades inside of "()" indicate a provisional assignment based upon literature sources which were not verified by manufacturers data. The Person-in-Charge shall verify the cargo grade based on Manufacturers data and ensure that the barge is authorized for carriage of that grade of cargo.
 - A, B, C Flammable liquid cargoes, as defined in 48 CFR 30-10.22.
 - D, E Combustible liquid cargoes, as defined in 48 CFR 30-10.15.
 - NA, NF Those subchapter O cargoes which are not classified as a flammable or combustible liquid.
 - ø No flammability/combustibility grade has been assigned yet, as the necessary flash point/vapor pressure data for such assignments are presently not available.

Hull Type

- I Designed to carry products which require the maximum preventive measures to preclude the uncontrolled release of the cargo. See 48 CFR 151.10-1(b)(1).
- II Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 48 CFR 151.10-1(b)(3).
- III Designed to carry products of sufficient hazard to require a moderate degree of control. See 48 CFR 151.10-1(b)(4).

Conditions of Carriage

- Note** See Certificate of Inspection for explanation of symbols used in this column.

Safety valve inspection report

Certificate nr 411
Date 9-12-2019

Job no. LV-3618-SO
Client Lyondell

Valve data

Set pressure (cold) 90 psi
Tag. No.
Serial No. 78790-A10
Manufacturer Farris
Type / Model 26RA10-120

Size 6xRx8
Rating 150x150
Nozzle / Orifice R
Fluid Air
Barge # USL 131

Test data

Set pressure test

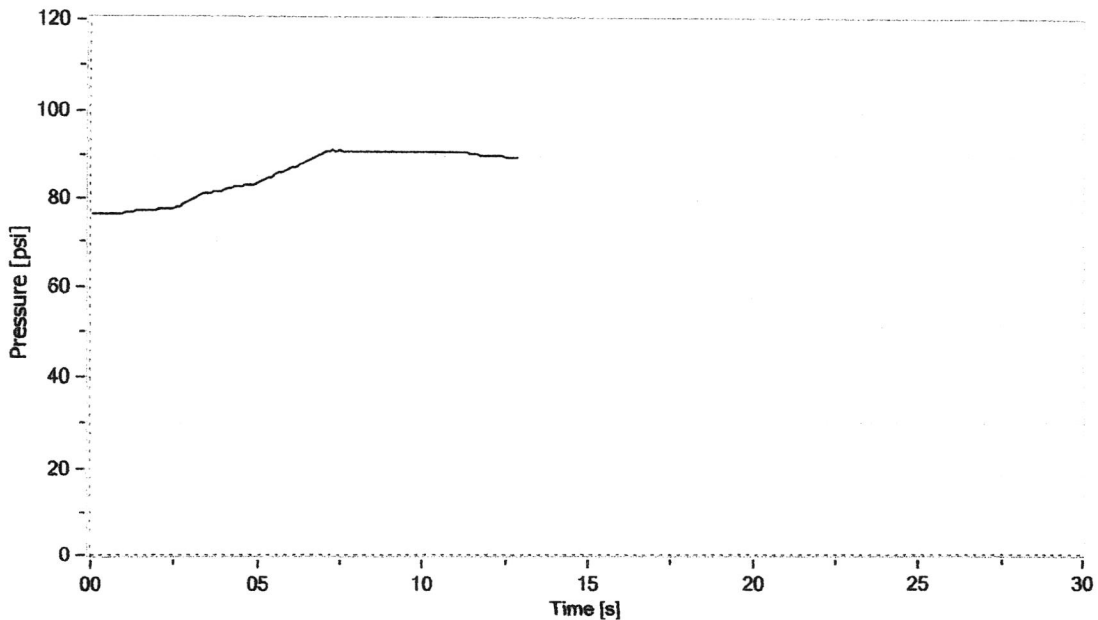
Found set pressure 91 psi
Reseat pressure (indication) 89 psi
Result Passed
Test method Air

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 87 psi
Result Passed

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by
Name Javier Gutierrez
Date
Signature *Javier Gutierrez*
9-12-2019

Inspected by
Name MSTI Anthony Williams
Date 12 SEP 2019
Signature *Anthony Williams*

Safety valve inspection report

Certificate nr 413
Date 9-12-2019

Job no. LV-3618-SO
Client Lyondell

Valve data

Set pressure (cold) 90 psi
Tag. No.
Serial No. 55433-A8
Manufacturer Farris
Type / Model 26RA10-170/S2/SP

Size 6xRx8
Rating 150x150
Nozzle / Orifice R
Fluid Air
Barge # USL 131

Test data

Set pressure test

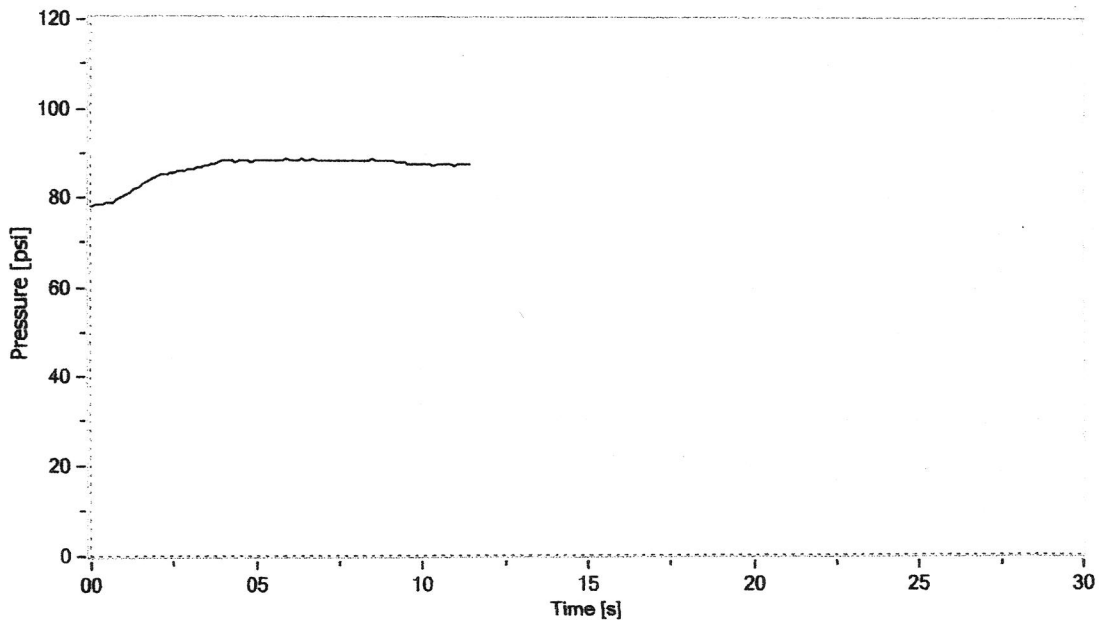
Found set pressure 89 psi
Reseat pressure (indication) 87 psi
Result Passed
Test method Air

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 85 psi
Result Passed

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by
Name Javier Gutierrez
Date
Signature *Javier Gutierrez*
9-12-2019

Inspected by
Name MSTI Anthony Williams
Date 12 SEP 2019
Signature *Anthony Williams*

Safety valve inspection report

Certificate nr 414
Date 9-12-2019

Job no. LV-3618-SO
Client Lyondell

Valve data

Set pressure (cold) 90 psi
Tag. No.
Serial No. 39112-A10
Manufacturer Farris
Type / Model 26RA10-120

Size 6xRx8
Rating 150x150
Nozzle / Orifice R
Fluid Air
Barge # USL 131

Test data

Set pressure test

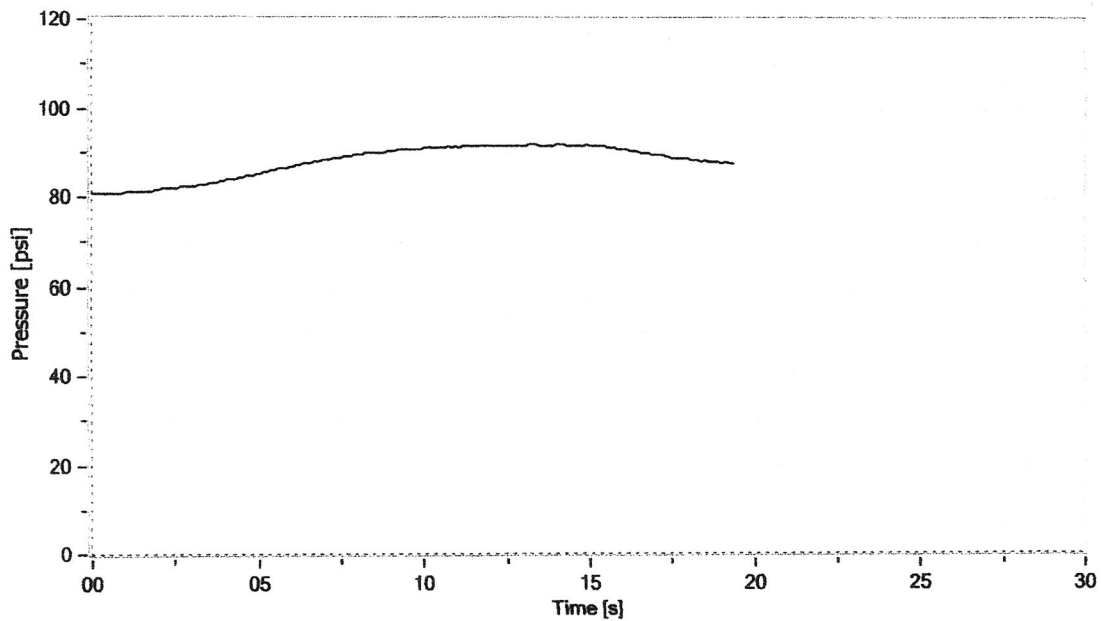
Found set pressure 92 psi
Reseat pressure (indication) 88 psi
Result Passed
Test method Air

Seat tightness test

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

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by
Name Javier Gutierrez
Date
Signature *Javier Gutierrez*
9-12-2019

Inspected by
Name MST Anthony Williams
Date 12 SEP 2019
Signature *Anthony Williams*

Safety valve inspection report

Certificate nr 412 Job no. LV-3618-S0
Date 9-12-2019 Client Lyondell

Valve data

Set pressure (cold)	90 psi	Size	6xRx8
Tag. No.		Rating	150x150
Serial No.	36386-A10	Nozzle / Orifice	R
Manufacturer	Farris	Fluid	Air
Type / Model	26RA10-121	Barge #	USL 131

Test data

Set pressure test

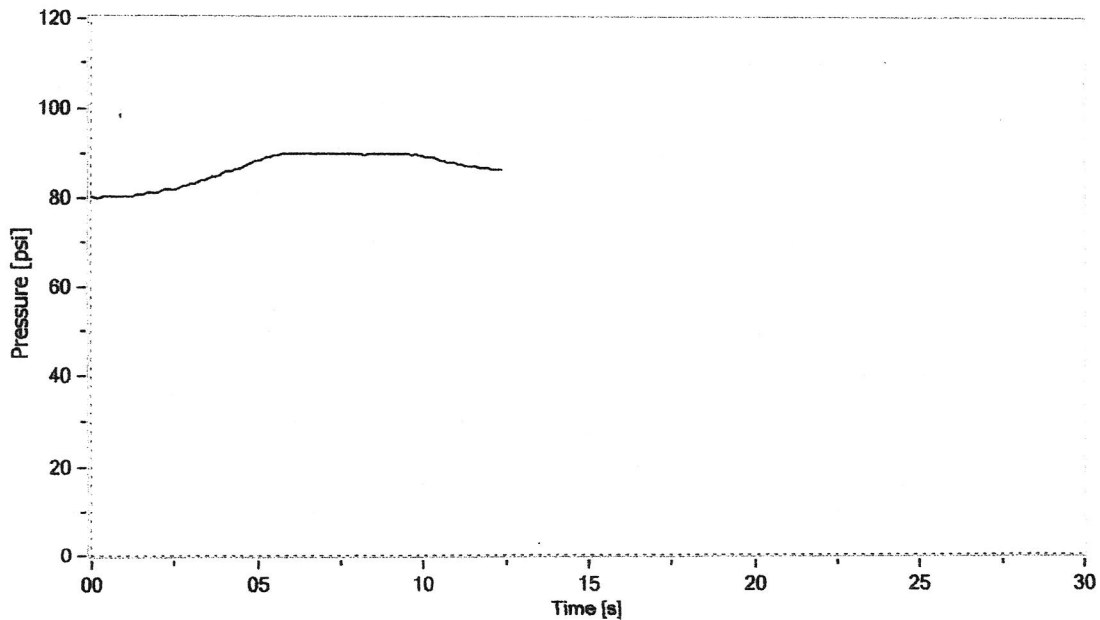
Found set pressure 90 psi
Reseat pressure (indication) 86 psi
Result Passed
Test method Air

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 84 psi
Result Passed

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by
Name
Date
Signature

Javier Gutierrez

[Signature]
9-12-2019

Inspected by

Name MSTI Anthony Williams
Date 12 SEP 2019
Signature *[Signature]*

Safety valve inspection report

Certificate nr 415 Job no. LV-3618-S0
Date 9-12-2019 Client Lyondell

Valve data

Set pressure (cold)	90 psi	Size	6xRx8
Tag. No.		Rating	150x150
Serial No.	110455-5-A10	Nozzle / Orifice	R
Manufacturer	Farris	Fluid	Air
Type / Model	26R10-120	Barge #	USL 131

Test data

Set pressure test

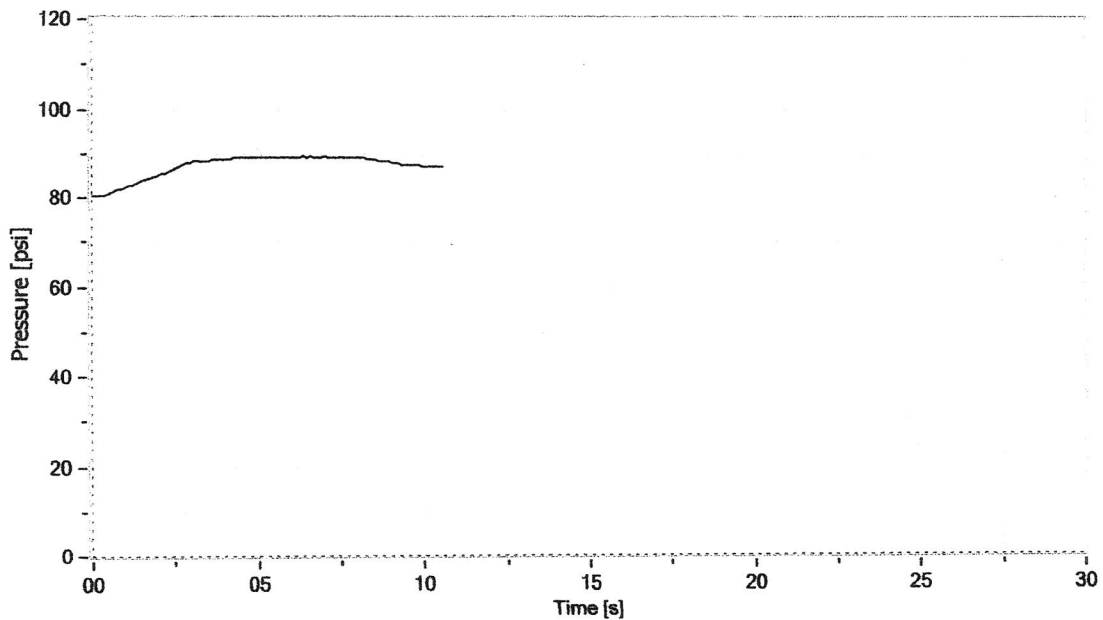
Found set pressure 89 psi
Reseat pressure (Indication) 87 psi
Result Passed
Test method Air

Seat tightness test

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

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by
Name
Date
Signature

Javier Gutierrez

Javier Gutierrez
9-12-2019

Inspected by
Name MST1 Anthony Williams
Date 17 SEP 2019
Signature *Anthony Williams*

Safety valve inspection report

Certificate nr 410
Date 9-12-2019

Job no. LV-3618-SO
Client Lyondell

Valve data

Set pressure (cold) 90 psi
Tag. No.
Serial No. 78794-A10
Manufacturer Farris
Type / Model 26RA10-121

Size 6xRx8
Rating 150x150
Nozzle / Orifice R
Fluid Air
Barge # USL 131

Test data

Set pressure test

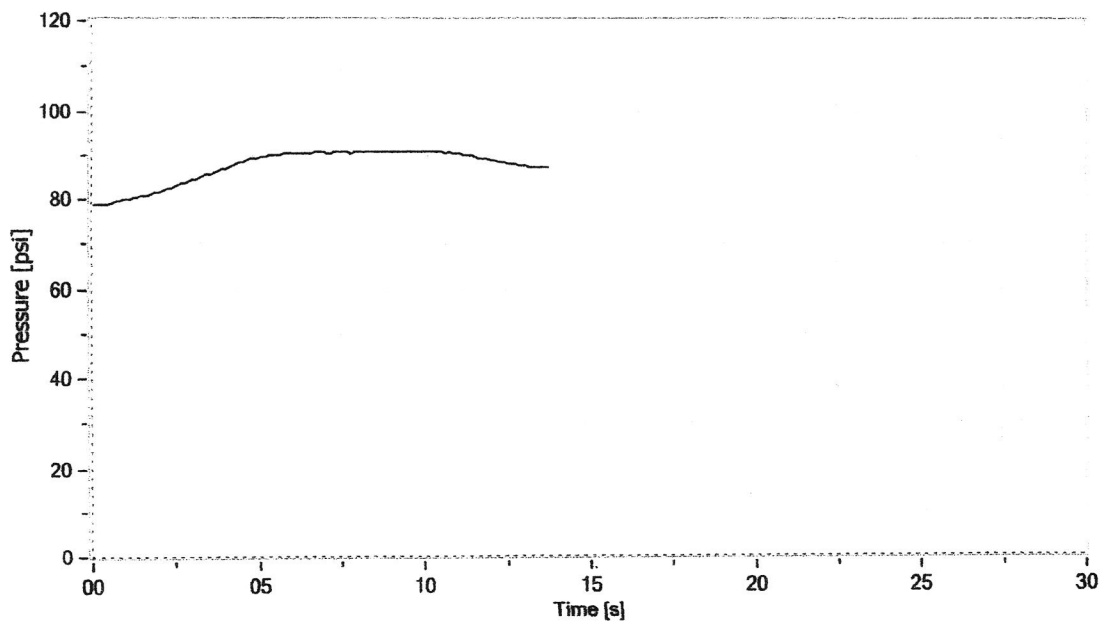
Found set pressure 91 psi
Reseat pressure (indication) 87 psi
Result Passed
Test method Air

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 84 psi
Result Passed

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by
Name
Date
Signature

Javier Gutierrez

Javier Gutierrez
9-12-2019

Inspected by

Name MSTI Anthony Williams

Date 12 SEP 2019

Signature *Anthony Williams*

Safety valve inspection report

Certificate nr
Date

416
9-12-2019

Job no.
Client

LV-3618-SO
Lyondell

Valve data

Set pressure (cold) 81 psi
Tag. No.
Serial No. H10974-15
Manufacturer Aquatrol
Type / Model 742DD1E2K1

Size 1/2x1
Rating
Nozzle / Orifice 1/2
Fluid Air
Barge # USL 131

Test data

Set pressure test

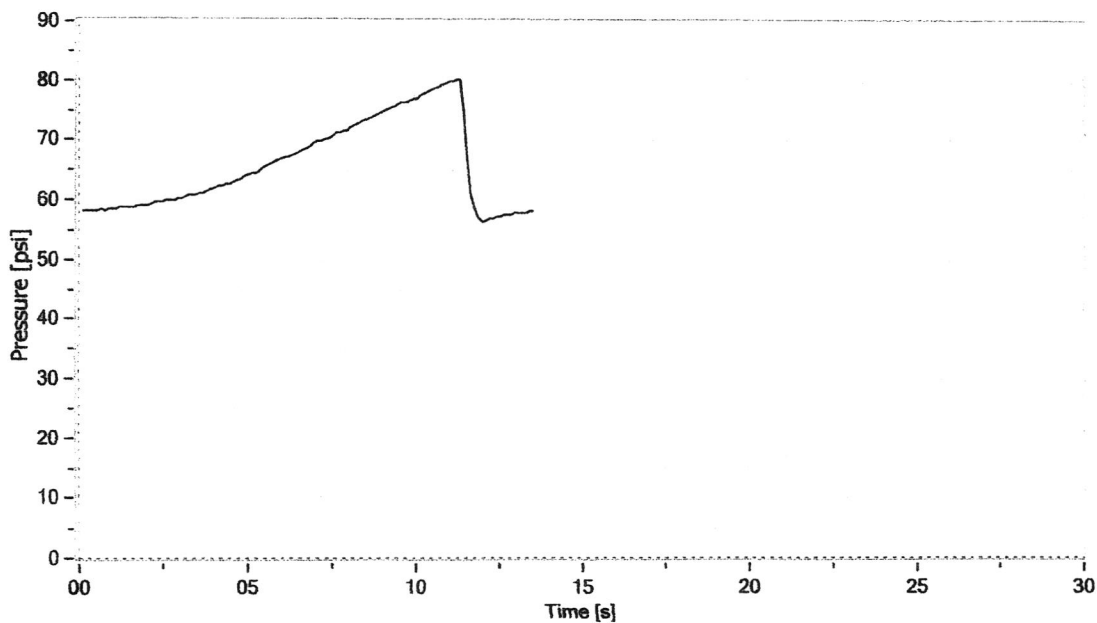
Found set pressure 80 psi
Reseat pressure (indication) 58 psi
Result Passed
Test method Air

Seat tightness test

Leakage -
Test pressure -
Result -

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by
Name
Date
Signature

Javier Gutierrez
Javier Gutierrez
9-12-2019

Inspected by
Name
Date
Signature

Bahby Duns
9-12-2019

Safety valve inspection report

Certificate nr 417
Date 9-12-2019

Job no. LV-3618-SO
Client Lyondell

Valve data

Set pressure (cold) 150 psi
Tag. No.
Serial No. H191074-11
Manufacturer Aquatrol
Type / Model 742DF1E2K1

Size 3/4x1
Rating
Nozzle / Orifice 3/4
Fluid Air
Barge # USL 131

Test data

Set pressure test

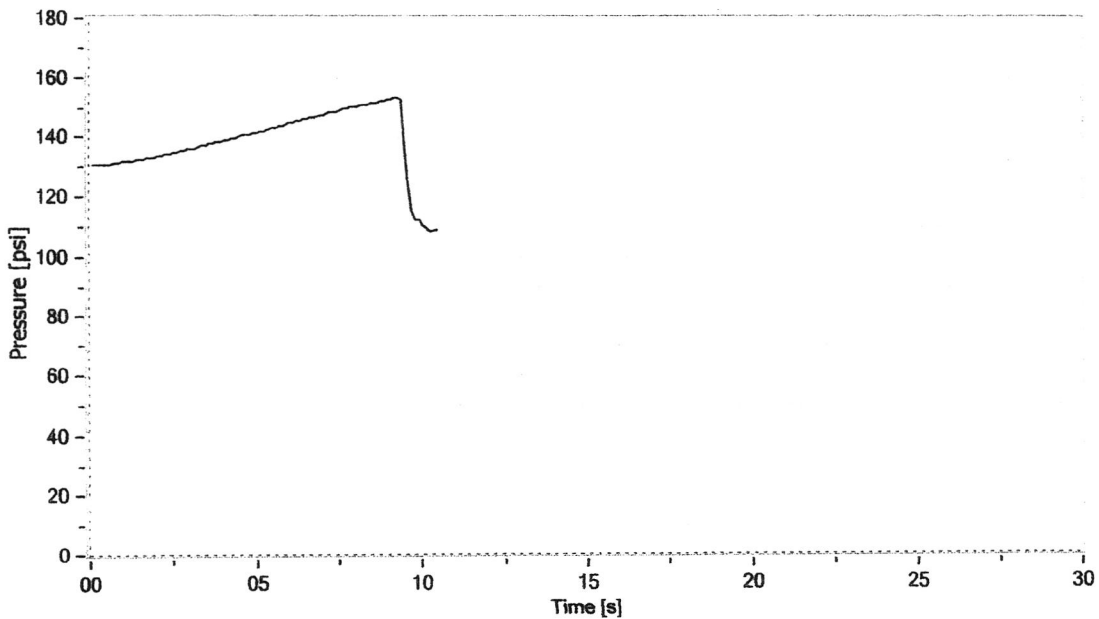
Found set pressure 153 psi
Reseat pressure (indication) 109 psi
Result Passed
Test method Air

Seat tightness test

Leakage -
Test pressure -
Result -

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by
Name Javier Gutierrez
Date
Signature *[Signature]*
9-12-2019

Inspected by
Name
Date
Signature *[Signature]*

Safety valve inspection report

Certificate nr 418 Job no. LV-3618-SO
Date 9-12-2019 Client Lyondell

Valve data

Set pressure (cold)	150 psi	Size	3/4x1
Tag. No.		Rating	
Serial No.	H191074-4	Nozzle / Orifice	3/4
Manufacturer	Aquatrol	Fluid	Air
Type / Model	742DF1E2K1	Barge #	USL 131

Test data

Set pressure test

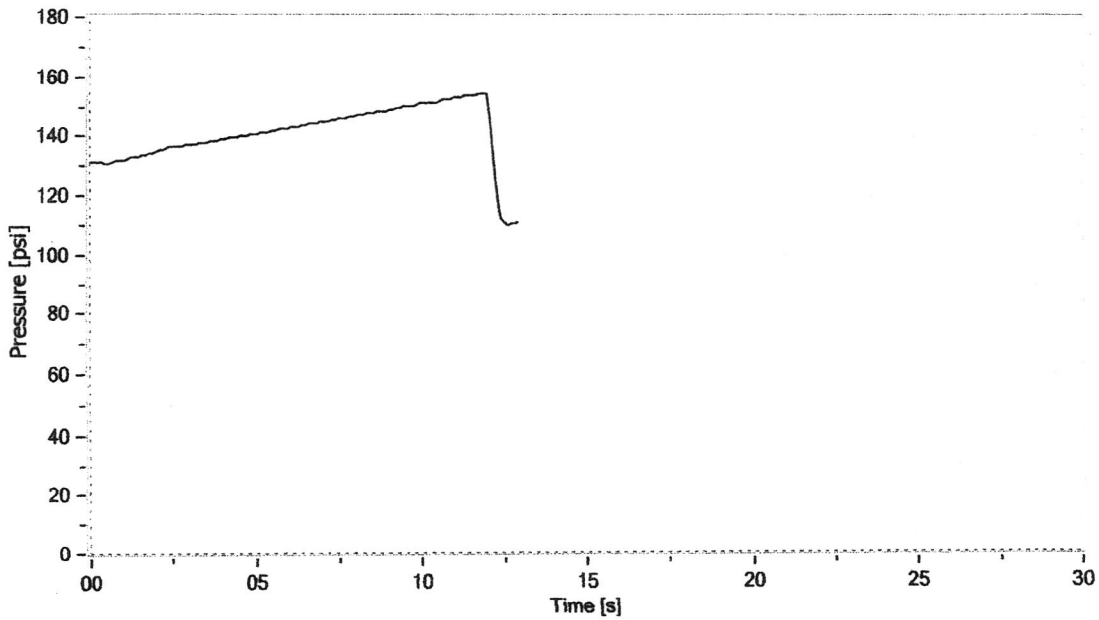
Found set pressure 154 psi
Reseat pressure (indication) 111 psi
Result Passed
Test method Air

Seat tightness test

Leakage -
Test pressure -
Result -

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by
Name Javier Gutierrez
Date
Signature *Ju Gutierrez*
9-12-2019

Inspected by
Name
Date
Signature *Bahly D...*