



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

Certification Date: 30 Sep 2019
Expiration Date: 30 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
KIRBY 10808	947155			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
CARUTHERSVILLE, MO	30Jan1989	06Jan1989	R-921	R-921		R-237.5
UNITED STATES			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, coastwise, not more than twelve (12) miles from shore between St. Marks and Carrabelle, Florida.

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 as 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 and Ninth Coast Guard District's Tank Barge Streamlined

*****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 <i>NDR</i> , USCG, By Direction Officer in Charge, Marine Inspection Sector Houston-Galveston Inspection Zone
Date	Zone	A/P/R	Signature	



Temporary Certificate of Inspection

Vessel Name: KIRBY 10808

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 OCMI.

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31Aug2024	11Aug2014	26May2004
Internal Structure	31Oct2024	02Oct2019	11Aug2014

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

Authorization: LFG & SPECIFIED HAZARDOUS CARGO

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
10866	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 P/S (BDI)	558	5.200
1 P/S (BUT)	513	4.800
1 P/S (BTN)	530	4.960
1 P/S (IBL)	533	5.000
1 P/S (PRP)	428	4.200
1 P/S (PPL)	447	4.300
1 P/S (IBT)	494	4.700

Conditions Of Carriage

Only those cargoes named in the vessel's Cargo Authority Attachment(CAA), serial # VN89001280, dated April 12, 2001.

Inspected and approved for the carriage of liquefied flammable gases at a pressure not to exceed 260 psig and at a temperature not less than ambient. Those LFGs that have been authorized for carriage are identified by CHRIS Code in the loading constraints below:

BDI=Butadiene; BTN=Butylene; BUT=Butane; PPL=Propylene; PRP=Propane

Loading Constraints - Stability

Hull Type	Max Load (S/T)	Max Draft (ft/in)	Max Density (lbs/gal)	Route
II (BDI)	1117	7'1"	5.2	LBS, R, LC (0-12)
II (BUT)	1027	6'10"	4.8	LBS, R, LC (0-12)
II (IBT)	989	6'8"	4.7	LBS, R, LC (0-12)
II (BTN)	1061	6'11"	4.96	LBS, R, LC (0-12)
II (IBL)	1066	6'11"	5.0	LBS, R, LC (0-12)
II (PRP)	859	6'3"	4.2	LBS, R, LC (0-12)
II (PPL)	894	6'4"	4.3	LBS, R, LC (0-12)

Mixtures of the subchapter "D" Liquefied Flammable Gas cargoes Butane (BUT), Isobutane (IBT), Butylene (BTN), Isobutylene (IBL), Propane (PRP), and Propylene (PPL) are also authorized for carriage subject to the loading and stability constraints of the least dense gas cargo in the mixture specified above.

Stability and Trim



Temporary Certificate of Inspection

Vessel Name: KIRBY 10808

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.

Non-destructive testing of cargo tanks per 46 CFR 151.04-7 and NVIC 5-89 is required at each scheduled CTIE.

Satisfactory 30-year NDT of cargo tanks conducted in accordance with NVIC 5-89.

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 P/S (BDI)	12Apr2006	11Aug2014	31Aug2024	04Aug2016	02Oct2019	31Oct2022
1 P/S (BUT)	12Apr2006	11Aug2014	31Aug2024	04Aug2016	02Oct2019	31Oct2022
1 P/S (BTN)	12Apr2006	11Aug2014	31Aug2024	04Aug2016	02Oct2019	31Oct2022
1 P/S (IBL)	12Apr2006	11Aug2014	31Aug2024	04Aug2016	02Oct2019	31Oct2022
1 P/S (PRP)	12Apr2006	11Aug2014	31Aug2024	04Aug2016	02Oct2019	31Oct2022
1 P/S (PPL)	12Apr2006	11Aug2014	31Aug2024	04Aug2016	02Oct2019	31Oct2022
1 P/S (IBT)	12Apr2006	11Aug2014	31Aug2024	04Aug2016	02Oct2019	31Oct2022

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
1 P/S (BDI)	27Aug2019	-	-	-
1 P/S (BUT)	27Aug2019	-	-	-
1 P/S (BTN)	27Aug2019	-	-	-
1 P/S (IBL)	26Sep2019	-	-	-
1 P/S (PRP)	27Aug2019	-	-	-
1 P/S (PPL)	27Aug2019	-	-	-
1 P/S (IBT)	27Aug2019	-	-	-

---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



Department of Transportation
United States Coast Guard

Serial #: VN89001280
COI Ref: 12-Apr-01

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: KIRBY 10808
Official #: D947155

Page 1 of 1

Shipyard: CARUTHERSVI
Hull #: 5253

List of Authorized Cargoes

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat		Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat'ls of Construction	
		Group No	Exc				
Butadiene	BDI	30	N	LFG	II		.50-70(e), .50-73

Authorized Subchapter O Cargoes

Explanation of terms & symbols used in the Table:

Cargo Identification

- Name** The proper shipping name as listed in 46 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 46 CFR Part 150 Tables I and II. In accordance with 46 CFR 150.130, the Person-in-Charge of the barge is responsible for ensuring that the compatibility requirements of 46 CFR Part 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 46 CFR 150 in conjunction with the assigned reactive group number.
- Exceptions (Exo)** Indication of whether or not there are exceptions to the compatibility chart for the given cargo. See Appendix I to 46 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 46 CFR 30-10.22.
- D, E** Combustible liquid cargoes, as defined in 46 CFR 30-10.15.
- NA, NF** Those subchapter O cargoes which are not classified as a flammable or combustible liquid.
- #** 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** The required barge hull classification for carriage of the specified Subchapter O hazardous material cargo, see 46 CFR 151.10-1.
- II** Designed to carry products which require the maximum preventive measures to preclude the uncontrolled release of the cargo. See 46 CFR 151.10-1(b)(1).
- III** Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 46 CFR 151.10-1(b)(3).
- Designed to carry products of sufficient hazard to require a moderate degree of control. See 46 CFR 151.10-1(b)(4).

Conditions of Carriage

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

*** This document is only valid when attached to, and referenced by a current, valid Certificate of Inspection. *

Safety valve inspection report

Certificate nr 395 Job no. LV-4119-SO
Date 8-27-2019 Client Kirby

Valve data

Set pressure (cold)	260 psi	Size	6xRx10
Tag. No.		Rating	600x150
Serial No.	TE14497	Nozzle / Orifice	R
Manufacturer	Consolidated	Fluid	Air
Type / Model	1912RC	Barge #	K10808

Test data

Set pressure test

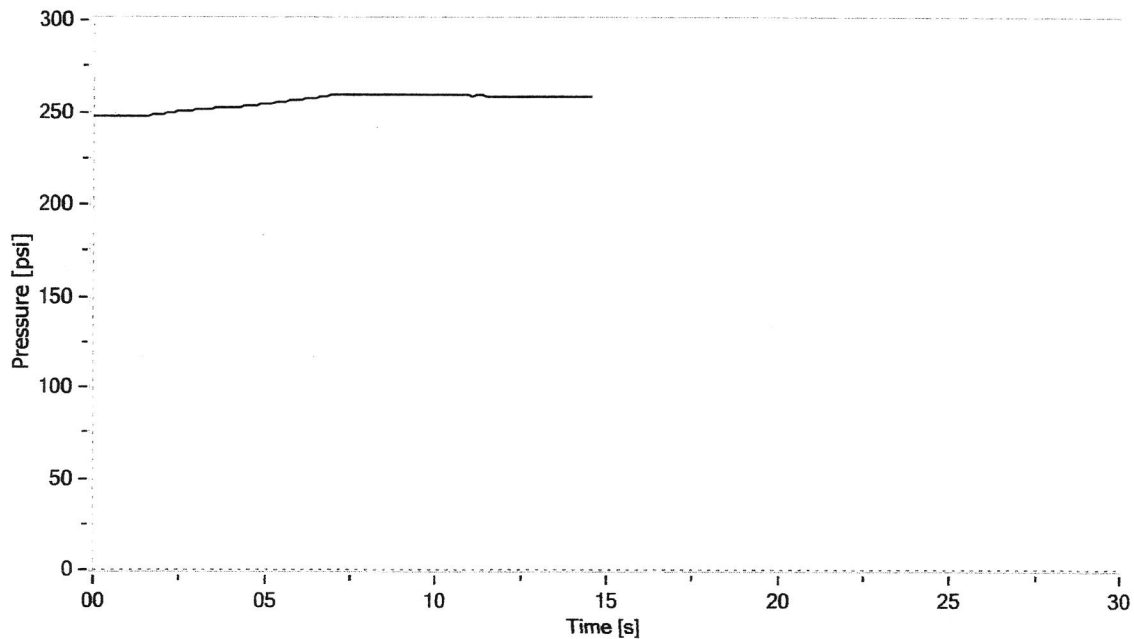
Found set pressure 260 psi
Reseat pressure (indication) 259 psi
Result Passed
Test method Air

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 256 psi
Result Passed

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by
Name Javier Gutierrez
Date
Signature *Javier Gutierrez*

8-27-2019

Inspected by
Name *Louis Russell*
Date
Signature

8-27-2019

Safety valve inspection report

Certificate nr 392 Job no. LV-4119-SO
Date 8-27-2019 Client Kirby

Valve data

Set pressure (cold)	260 psi	Size	6xRx10
Tag. No.		Rating	600x150
Serial No.	TB22730	Nozzle / Orifice	R
Manufacturer	Consolidated	Fluid	Air
Type / Model	1912RC	Barge #	K10808

Test data

Set pressure test

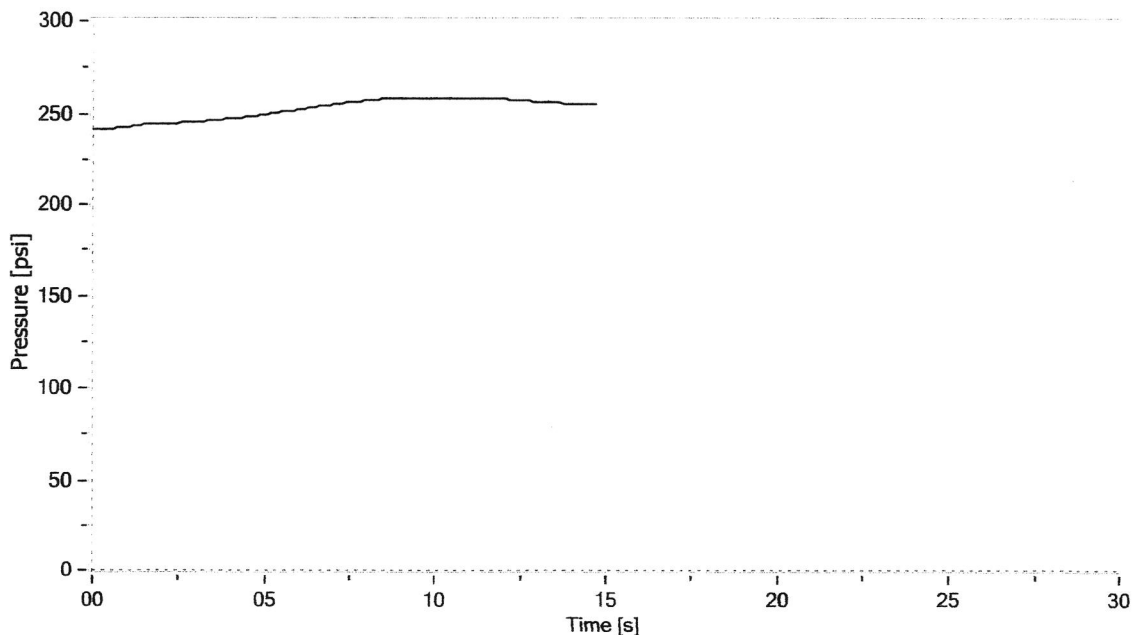
Found set pressure 259 psi
Reseat pressure (indication) 255 psi
Result Passed
Test method Air

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 245 psi
Result Passed

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed




Tested by

Name Javier Gutierrez

Date

Signature


8-27-2019

Inspected by

Name Louis Russell

Date

Signature

8-27-2019

Safety valve inspection report

Certificate nr 393 Job no. LV-4119-SO
Date 8-27-2019 Client Kirby

Valve data

Set pressure (cold)	260 psi	Size	6xRx10
Tag. No.		Rating	600x150
Serial No.	TC58226	Nozzle / Orifice	R
Manufacturer	Consolidated	Fluid	Air
Type / Model	1912RC	Barge #	K10808

Test data

Set pressure test

Found set pressure 260 psi
Reseat pressure (indication) 258 psi
Result Passed
Test method Air

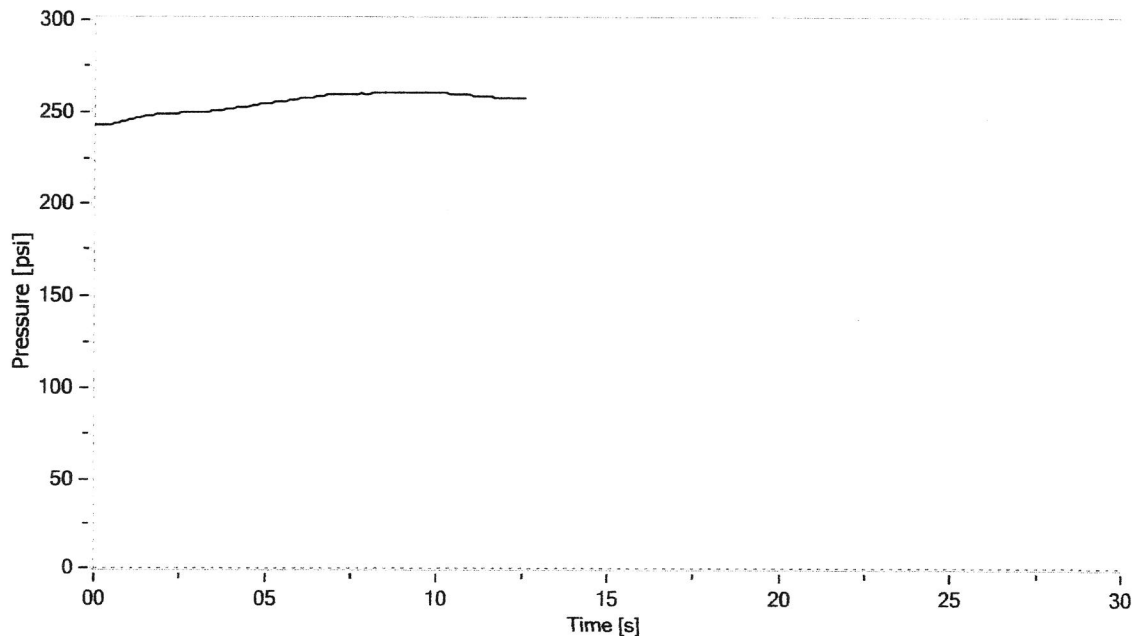
Seat tightness test

Leakage 0 bubbles/min.
Test pressure 255 psi
Result Passed

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed

Law Valve of Texas



Tested by

Name Javier Gutierrez

Date

Signature

8-27-2019

Inspected by

Name *LUIS RUSSO*

Date

Signature

8-27-2019

Safety valve inspection report

Certificate nr 394
Date 8-27-2019

Job no. LV-4119-SO
Client Kirby

Valve data

Set pressure (cold) 260 psi
Tag. No.
Serial No. TC38494
Manufacturer Consolidated
Type / Model 1912RC

Size 6xRx10
Rating 600x150
Nozzle / Orifice R
Fluid Air
Barge # K10808

Test data

Set pressure test

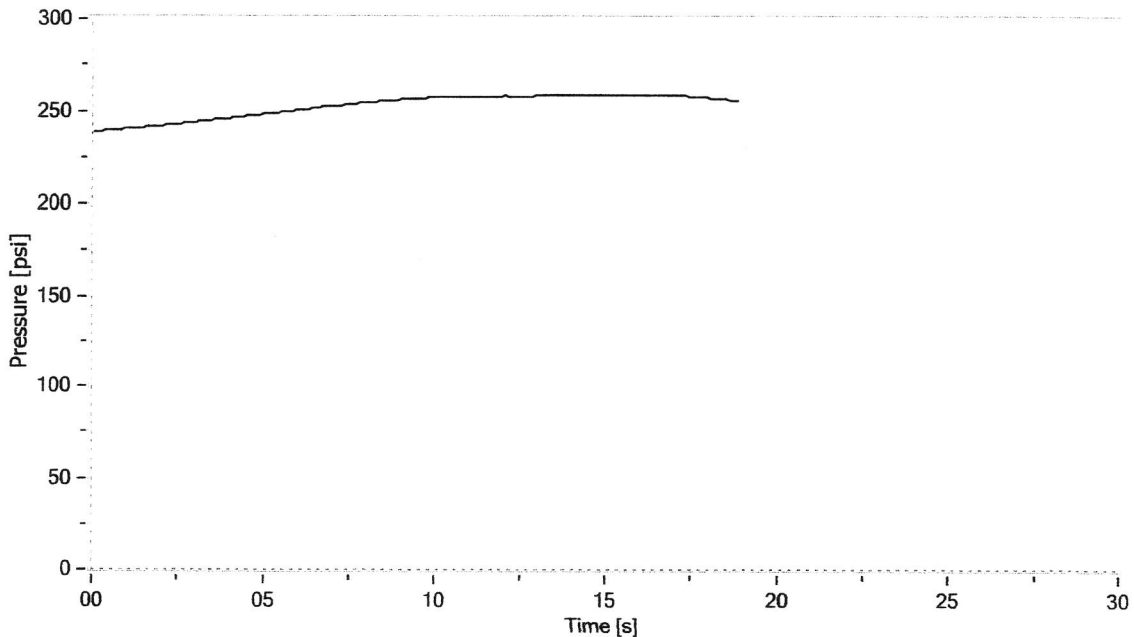
Found set pressure 259 psi
Reseat pressure (indication) 256 psi
Result Passed
Test method Air

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 245 psi
Result Passed

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by
Name Javier Gutierrez
Date
Signature *[Signature]*
8-27-2019

Inspected by
Name *[Signature]*
Date
Signature 8-27-2019

Safety valve inspection report

Certificate nr 399 Job no. LV-4119-SO
Date 8-27-2019 Client Kirby

Valve data

Set pressure (cold)	480 psi	Size	1x1
Tag. No.		Rating	
Serial No.	H191074-29	Nozzle / Orifice	1
Manufacturer	Aquatrol	Fluid	Air
Type / Model	AQ-742DG-1-V-2-K-1	Barge #	K10808

Test data

Set pressure test

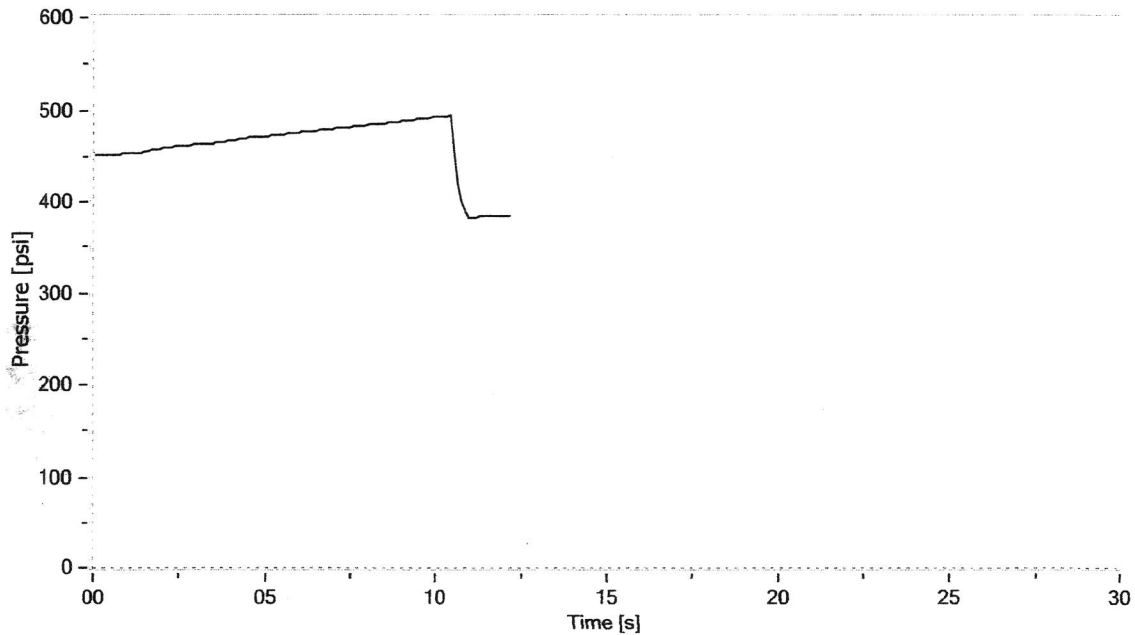
Found set pressure 494 psi
Reseat pressure (indication) 385 psi
Result Passed
Test method Air

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 *Javier Gutierrez*

Inspected by
Name *Bohly Davis*
Date
Signature *Bohly Davis*

8-27-2019

8-27-2019

Safety valve inspection report

Certificate nr 397
Date **8-27-2019**

Job no. LV-4119-SO
Client Kirby

Valve data

Set pressure (cold)	480 psi	Size	1x1
Tag. No.		Rating	
Serial No.	H191074-25	Nozzle / Orifice	1
Manufacturer	Aquatrol	Fluid	Air
Type / Model	AQ-742DG-1-V-2-K-1	Barge #	K10808

Test data

Set pressure test

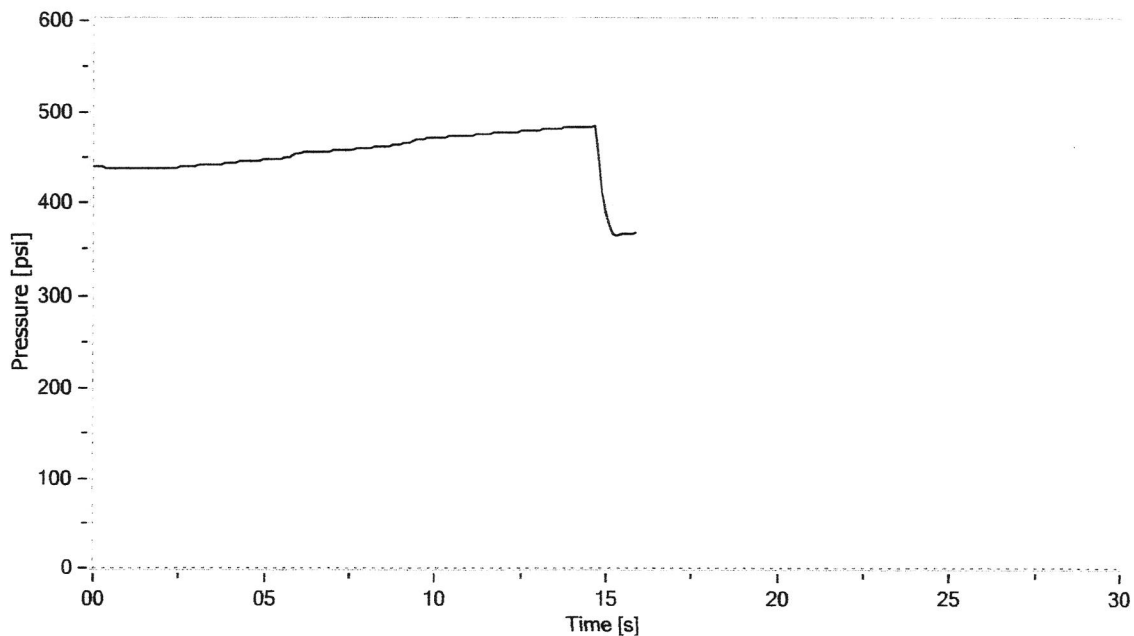
Found set pressure 484 psi
Reseat pressure (indication) 367 psi
Result Passed
Test method Air

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 *Javier Gutierrez*

8-27-2019

Inspected by
Name
Date
Signature *Bobby Davis*

8-27-2019

Safety valve inspection report

Certificate nr 396 Job no. LV-4119-SO
Date 8-27-2019 Client Kirby

Valve data

Set pressure (cold)	480 psi	Size	1x1
Tag. No.		Rating	
Serial No.	H191074-23	Nozzle / Orifice	1
Manufacturer	Aquatrol	Fluid	Air
Type / Model	AQ-742DG-1-V-2-K-1	Barge #	K10808

Test data

Set pressure test

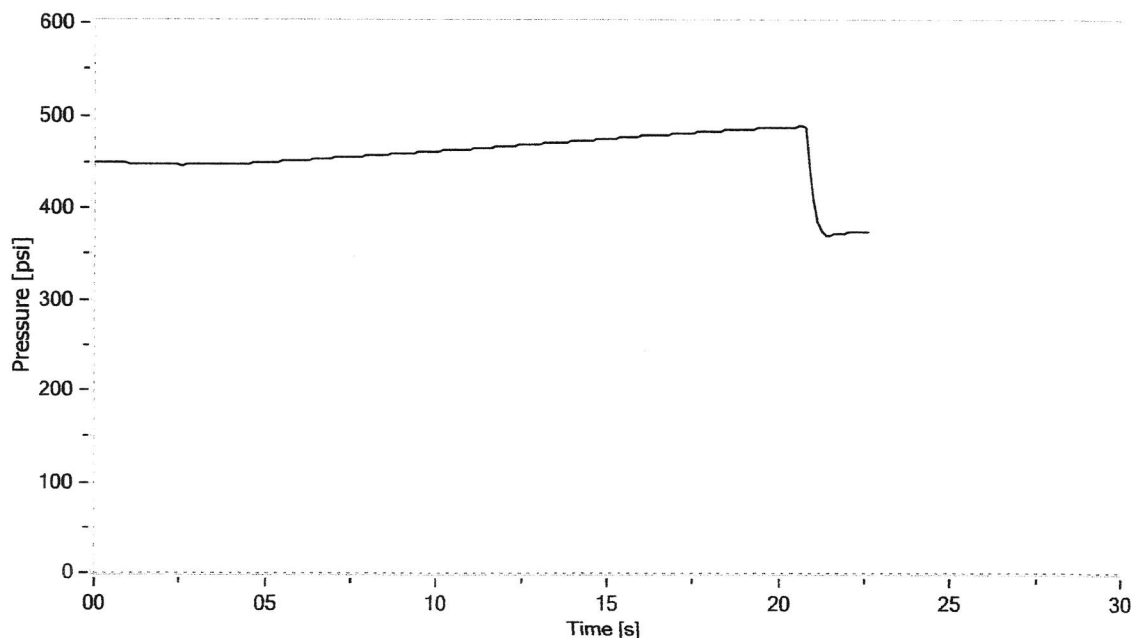
Found set pressure 488 psi
Reseat pressure (indication) 375 psi
Result Passed
Test method Air

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 *Javier Gutierrez*

8-27-2019

Inspected by
Name
Date *Bobby Davis*
Signature

8-27-2019

Safety valve inspection report

Certificate nr 398 Job no. LV-4119-SO
Date 8-27-2019 Client Kirby

Valve data

Set pressure (cold)	480 psi	Size	1x1
Tag. No.		Rating	
Serial No.	H191074-27	Nozzle / Orifice	1
Manufacturer	Aquatrol	Fluid	Air
Type / Model	AQ-742DG-1-V-2-K-1	Barge #	K10808

Test data

Set pressure test

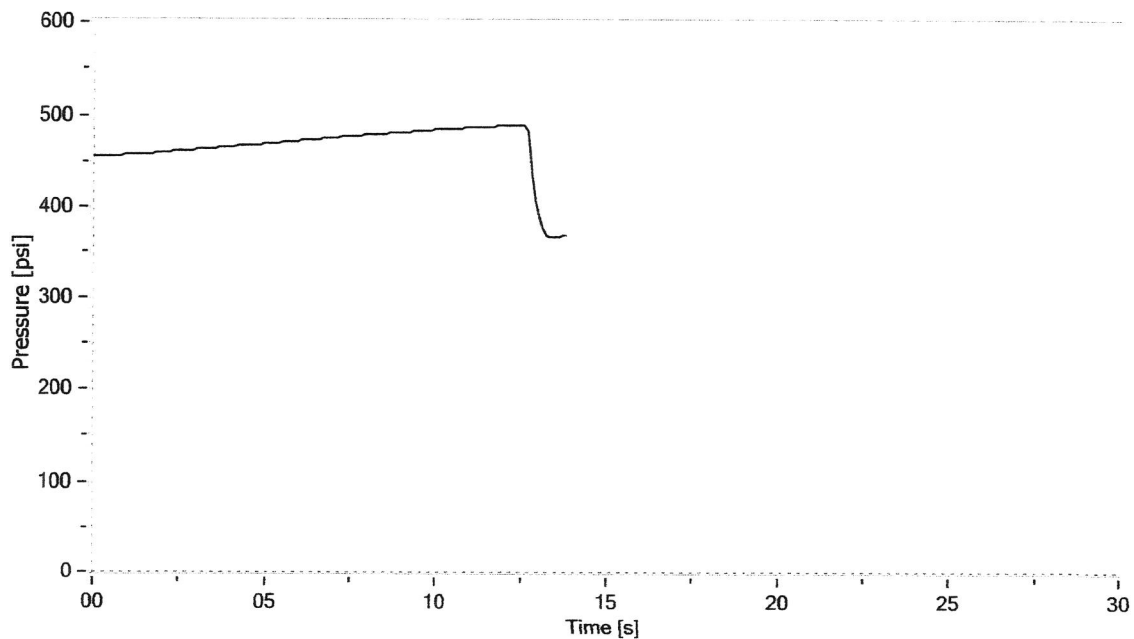
Found set pressure 490 psi
Reseat pressure (indication) 368 psi
Result Passed
Test method Air

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 *Javier Gutierrez*

8-27-2019

Inspected by
Name
Date
Signature

Bobby Davis
8-27-2019