



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

Certification Date:	28 Aug 2019
Expiration Date:	28 Aug 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 10807	946963			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	06Jan1989	16Nov1988	R-921	R-921		R-237.5
UNITED STATES			I-	I-		I-0

Owner	Operator
HOLLYWOOD/TEXAS OLEFINS LTD 55 WAUGH DRIVE, SUITE 1000 HOUSTON, TX 77007 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 Coast Guard District's Tank Barge Streamlined Inspection Program (TBSIP) pilot program. 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 Officer in Charge, Marine Inspection Sector Houston-Galveston Inspection Zone
Date	Zone	A/P/R	Signature	



# Temporary Certificate of Inspection

Vessel Name: KIRBY 10807

### ---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31Aug2029	28Aug2019	10Jul2009
Internal Structure	31Aug2023	28Aug2019	26Aug2014

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

Authorization: LFG & SPECIFIED HAZARDOUS CARGOES

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\*

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

Hull Type	Max Load (S/T)	Max Draft (ft/in)	Max Density (lbs/gal)	Route
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)	856	6'3"	4.2	LBS, R, LC (0-12)
II (PPL)	894	6'4"	4.3	LBS, R, LC (0-12)
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)

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN88026986, dated 02MAY01, may be carried and then only in the tanks indicated.

Inspected and approved for the carriage of specified liquefied flammable gases at a pressure not to exceed 260 PSIG relief valve setting and at temperatures not less than ambient (0-115 F).

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\*

Cargo tanks must be loaded uniformly whenever a 46 CFR Subchapter "O" cargo is carried; for trim purposes, the weight of



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Vessel Name: KIRBY 10807

cargo in each tank may exceed the uniformly loaded tank cargo weight by at most 5 percent.

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

**\*Cargo Tanks\***

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 P/S (BDI)	10Jul2009	28Aug2019	31Aug2029	09Jun2016	28Aug2019	31Aug2022
1 P/S (BUT)	10Jul2009	28Aug2019	31Aug2029	09Jun2016	28Aug2019	31Aug2022
1 P/S (BTN)	10Jul2009	28Aug2019	31Aug2029	09Jun2016	28Aug2019	31Aug2022
1 P/S (IBL)	10Jul2009	28Aug2019	31Aug2029	09Jun2016	28Aug2019	31Aug2022
1 P/S (PRP)	10Jul2009	28Aug2019	31Aug2029	09Jun2016	28Aug2019	31Aug2022
1 P/S (PPL)	10Jul2009	28Aug2019	31Aug2029	09Jun2016	28Aug2019	31Aug2022
1 P/S (IBT)	10Jul2009	28Aug2019	31Aug2029	09Jun2016	28Aug2019	31Aug2022

**Hydro Test**

Tank Id	Safety Valves	Previous	Last	Next
1 P/S (BDI)	28Aug2019	-	-	-
1 P/S (BUT)	28Aug2019	-	-	-
1 P/S (BTN)	28Aug2019	-	-	-
1 P/S (IBL)	28Aug2019	-	-	-
1 P/S (PRP)	28Aug2019	-	-	-
1 P/S (PPL)	28Aug2019	-	-	-
1 P/S (IBT)	28Aug2019	-	-	-

**---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\*\*\*



# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: KIRBY 10807  
Official #: D946963

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Shipyard: CARUTHERSVILLE S  
Hull #: 5252

### List of Authorized Cargoes

Cargo Identification					Conditions of Carriage	
Name	Chem	Compat		Hull Type	Note	Special Requirements in 46 CFR 151 General and Matrix of Construction
		Group No	Exc			
Authorized Subchapter O Cargoes						
Butadiene	BDI	30		LF II		50-70(a), 50-73
Butylene	BTN	30		LF		
Butane	BUT	31		LF		
Isobutylene	IBL	30		LF		
Isobutane	IBT	31		LF		
Propylene	PPL	30		LF		
Propane	PRP	31		LF		

### Explanation of terms & symbols used in the Table:

#### Cargo Identification

Name	The proper shipping name as listed in 46 CFR Table 151.0
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 (Exc)	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	The required barge hull classification for carriage of the specified Subchapter O hazardous material cargo, see 46 CFR 151.10-1.
I	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).
II	Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 46 CFR 151.10-1(b)(3).

#### Conditions of Carriage

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

# Law Valve of Texas

16917 Market St, Channelview, TX 77530  
(713)453-0413

LVT Sales Order LV-3803-SO

Barge Name K 10807

Work Order #

## Shop Order & Test Report

Customer: Kirby Inland Marine Order #

Make Consolidated Size 6" x 10" Model # 1912 RC

Serial # TB 81687 Inlet 6" 600 Outlet 10" 150

Construction: Safety Relief Cap: Plain

Set Pressure: 260 psi pressure

Tag: Orifice: R

Work Required: Complete Overhaul Test Air

Condition Received: Need Repair

### General Condition Pre-repair

Inlet	Dirty	Spring	Good Cond.
Seats	Dirty	Work	ST
Guide	Dirty	Repairs	Lapped Seats Installed gaskets
Outlet	Dirty		

Power Coat Sky White

Parts replaced and other work:

## Final Test Report

Date 8/13/2019

Set Pressure 260 psi pressure

Nozzle Ring Setting 7 Down

Back Pressure 30 PSI

Tested By: *[Signature]*

Witness/Assy By *[Signature]*

U.S. Coast Guard Witness *[Signature]*

# Safety valve inspection report

Certificate nr 359  
Date 08-08-2019

Job no. LV-3803-SO  
Client Kirby

## Valve data

Set pressure (cold) 260 psi  
Tag. No.  
Serial No. TB81687  
Manufacturer Consolidated  
Type / Model 1912-30R

Size 6xRx10  
Rating 600x150  
Nozzle / Orifice R  
Fluid Air  
Barge # K10807

## Test data

### Set pressure test

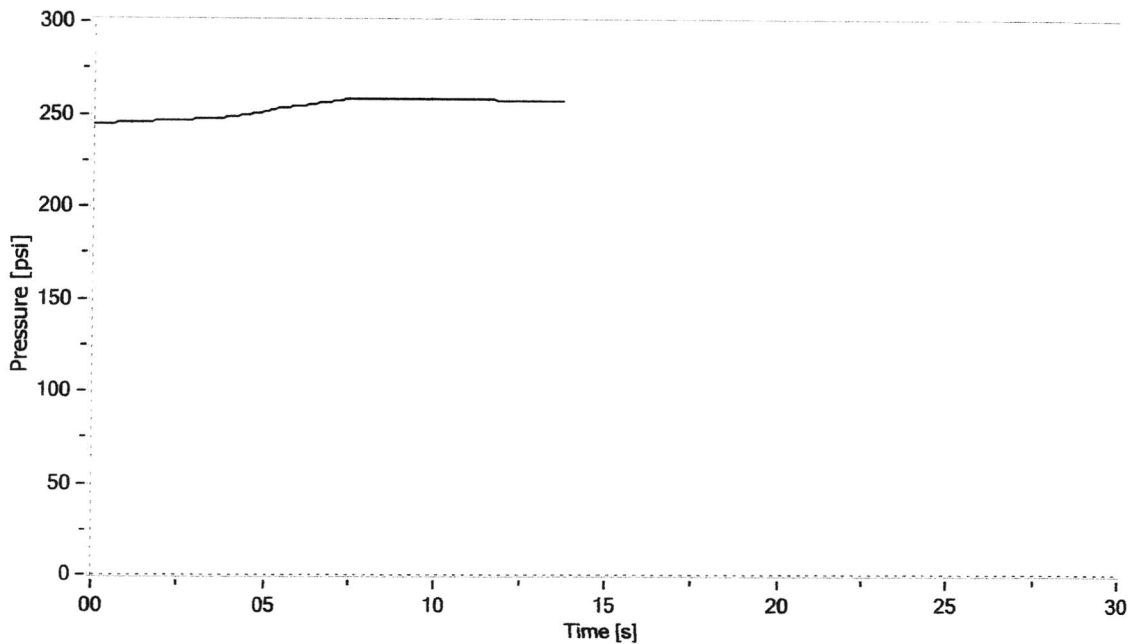
Found set pressure 258 psi  
Reseat pressure (indication) 257 psi  
Result Passed  
Test method Air

### Seat tightness test

Leakage 0 bubbles/min.  
Test pressure 239 psi  
Result Passed

### Manual Back Pressure test

BP Pressure 30 psi  
BP Result Passed



Tested by  
Name  
Date  
Signature

Javier Gutierrez  
*[Signature]*  
8-13-19

Inspected by  
Name  
Date  
Signature

*[Signature]*  
Bobby Davis  
8-13-19

# Law Valve of Texas

16917 Market St, Channelview, TX 77530  
(713)453-0413

LVT Sales Order LV-3803-SO

Barge Name K 10807

Work Order #

## Shop Order & Test Report

Customer: Kirby Inland Marine Order #

Make Consolidated Size 6" x 10" Model # 1912 RC

Serial # TC 29823 Inlet 6" 600 Outlet 10"150

Constrution: Safety Relief Cap: Plain

Set Pressure: 260 psi pressure

Tag: Orifice: R

Work Required: Complete Overhaul Test Air

Condition Received: Need Repair

### General Condition Pre-repair

Inlet	Dirty	Spring	Good Cond.
Seats	Dirty	Work	ST
Guide	Dirty	Repairs	Lapped Seats Installed gaskets
Outlet	Dirty		

Power Coat Sky White

Parts replaced and other work:

## Final Test Report

Date 8/13/2019

Set Pressure 260 psi pressure

Nozzle Ring Setting 7 Down

Back Pressure 30 PSI

Tested By: *[Signature]*

Witness/Assy By *Bulky Davis*

U.S. Coast Guard Witness *CT Perceval*

# Safety valve inspection report

Certificate nr	357	Job no.	LV-3803-SO
Date	08-08-2019	Client	Kirby

## Valve data

Set pressure (cold)	260 psi	Size	6xRx10
Tag. No.		Rating	600x150
Serial No.	TC29823	Nozzle / Orifice	R
Manufacturer	Consolidated	Fluid	Air
Type / Model	1912R	Barge #	K10807

## Test data

### Set pressure test

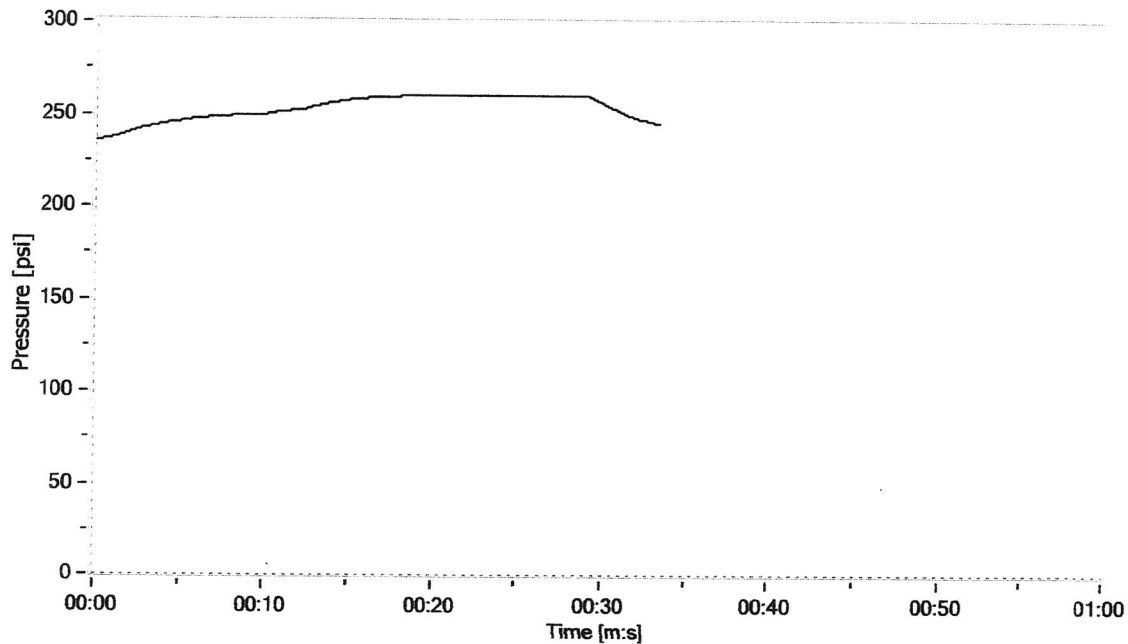
Found set pressure	261 psi
Reseat pressure (indication)	245 psi
Result	Passed
Test method	Air

### Seat tightness test

Leakage	0 bubbles/min.
Test pressure	229 psi
Result	Passed

### Manual Back Pressure test

BP Pressure	30 psi
BP Result	Passed



Tested by  
Name  
Date  
Signature

Javier Gutierrez  
*[Signature]*  
8-13-19

Inspected by  
Name  
Date  
Signature

*[Signature]*  
Bobby Davis  
8-13-19



# Law Valve of Texas

16917 Market St, Channelview, TX 77530  
(713)453-0413

LVT Sales Order LV-3803-SO

Barge Name K 10807

Work Order #

## Shop Order & Test Report

Customer: Kirby Inland Marine Order #

Make Consolidated Size 6" x 10" Model # 1912 RC

Serial # TB 95892 Inlet 6" 600 Outlet 10"150

Construction: Safety Relief Cap: Plain

Set Pressure: 260 psi pressure

Tag: Orifice: R

Work Required: Complete Overhaul Test Air

Condition Received: Need Repair

### General Condition Pre-repair

Inlet	Dirty	Spring	Good Cond.
Seats	Dirty	Work	ST
Guide	Dirty	Repairs	Lapped Seats Installed gaskets
Outlet	Dirty		

Power Coat Sky White

Parts replaced and other work:

## Final Test Report

Date 8/13/2019

Set Pressure 260 psi pressure

Nozzle Ring Setting 7 Down

Back Pressure 30 PSI

Tested By: *[Signature]*

Witness/Assy By *Bahly Daws*

U.S. Coast Guard Witness *[Signature]*

# Safety valve inspection report

Certificate nr 360  
Date 08-08-2019

Job no. LV-3803-SO  
Client Kirby

## Valve data

Set pressure (cold) 260 psi  
Tag. No.  
Serial No. TB95892  
Manufacturer Consolidated  
Type / Model 1912-30R

Size 6xRx10  
Rating 600x150  
Nozzle / Orifice R  
Fluid Air  
Barge # K10807

## Test data

### Set pressure test

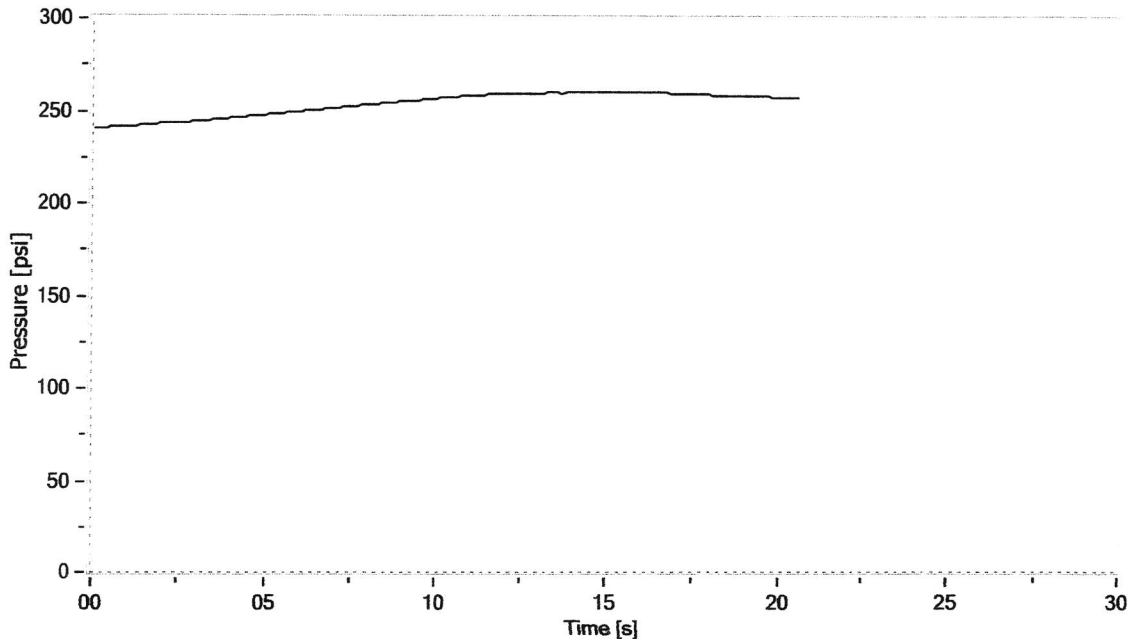
Found set pressure 260 psi  
Reseat pressure (indication) 258 psi  
Result Passed  
Test method Air

### Seat tightness test

Leakage 0 bubbles/min.  
Test pressure 246 psi  
Result Passed

### Manual Back Pressure test

BP Pressure 30 psi  
BP Result Passed



Tested by  
Name Javier Gutierrez  
Date  
Signature *Javier Gutierrez*  
8-13-19

Inspected by  
Name  
Date  
Signature *Bobby Davis*  
8-13-19

# Law Valve of Texas

16917 Market St, Channelview, TX 77530  
(713)453-0413

LVT Sales Order LV-3803-SO

Barge Name K 10807

Work Order #

## Shop Order & Test Report

Customer: Kirby Inland Marine Order #

Make Consolidated Size 6" x 10" Model # 1912 RC

Serial # TB 81690 Inlet 6" 600 Outlet 10" 150

Construction: Safety Relief Cap: Plain

Set Pressure: 260 psi pressure

Tag: Orifice: R

Work Required: Complete Overhaul Test Air

Condition Received: Need Repair

### General Condition Pre-repair

Inlet	Dirty	Spring	Good Cond.
Seats	Dirty	Work	ST
Guide	Dirty	Repairs	Lapped Seats Installed gaskets
Outlet	Dirty		

Power Coat Sky White

Parts replaced and other work:

## Final Test Report

Date 8/13/2019

Set Pressure 260 psi pressure

Nozzle Ring Setting 7 Down

Back Pressure 30 PSI

Tested By: *[Signature]*

Witness/Assy By

*[Signature: Bully Davis]*

U.S. Coast Guard Witness *[Signature]*

# Safety valve inspection report

Certificate nr	358	Job no.	LV-3803-SO
Date	08-08-2019	Client	Kirby

## Valve data

Set pressure (cold)	260 psi	Size	6xRx10
Tag. No.		Rating	600x150
Serial No.	TB81690	Nozzle / Orifice	R
Manufacturer	Consolidated	Fluid	Air
Type / Model	1912-30R	Barge #	K10807

## Test data

### Set pressure test

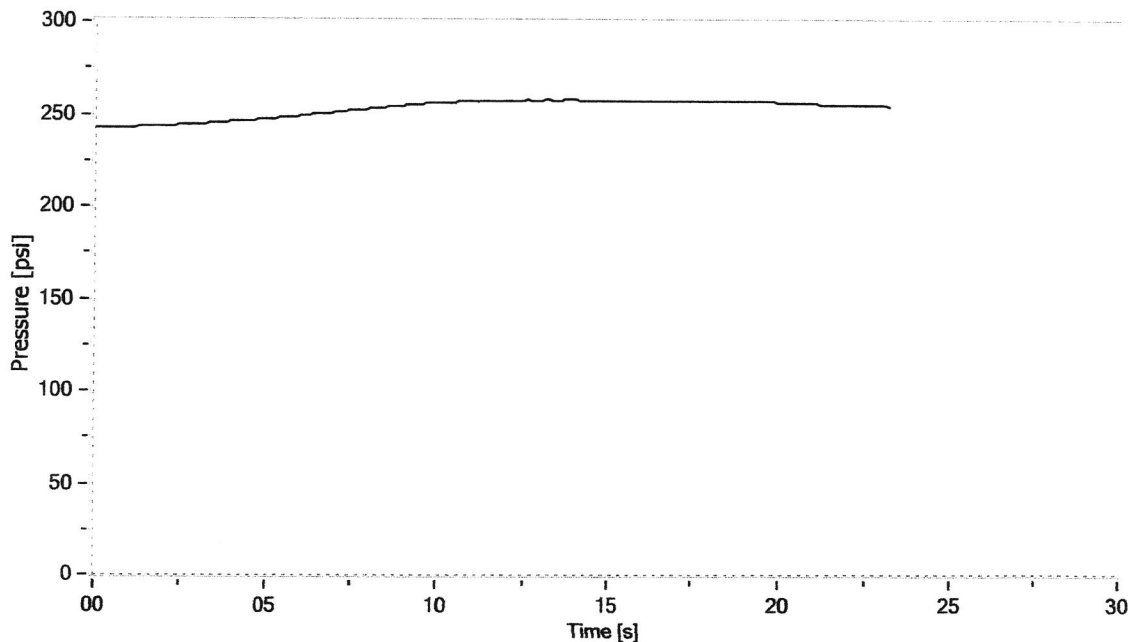
Found set pressure	258 psi
Reseat pressure (indication)	255 psi
Result	Passed
Test method	Air

### Seat tightness test

Leakage	0 bubbles/min.
Test pressure	239 psi
Result	Passed

### Manual Back Pressure test

BP Pressure	30 psi
BP Result	Passed



Tested by  
Name  
Date  
Signature

Javier Gutierrez

*Javier Gutierrez*  
8-13-19

Inspected by

Name

Date

Signature

*Bobby Davis*  
8-13-19

# Safety valve inspection report

Certificate nr 375  
Date 08-13-2019

Job no. LV-3803-SO  
Client Kirby

## Valve data

Set pressure (cold) 480 psi  
Tag. No.  
Serial No. H191074-20  
Manufacturer Advance Valve  
Type / Model 742DG1V2K1

Size 1x1  
Rating  
Nozzle / Orifice 1  
Fluid Air  
Barge # K10807

## Test data

### Set pressure test

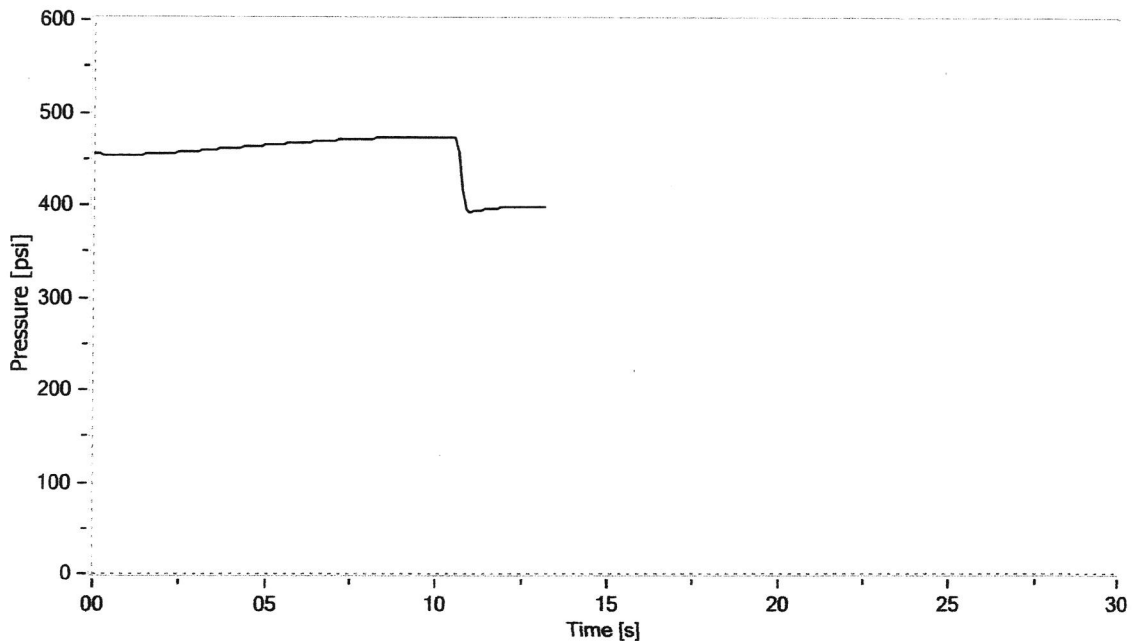
Found set pressure 474 psi  
Reseat pressure (indication) 398 psi  
Result Passed  
Test method Air

### 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

Inspected by  
Name Bobby Duns  
Date  
Signature B-13-19

# Safety valve inspection report

Certificate nr 373  
Date 08-13-2019

Job no. LV-3803-SO  
Client Kirby

## Valve data

Set pressure (cold) 480 psi  
Tag. No.  
Serial No. H191074-32  
Manufacturer Advance Valve  
Type / Model 742DG1V2K1

Size 1x1  
Rating  
Nozzle / Orifice 1  
Fluid Air  
Barge # K10807

## Test data

### Set pressure test

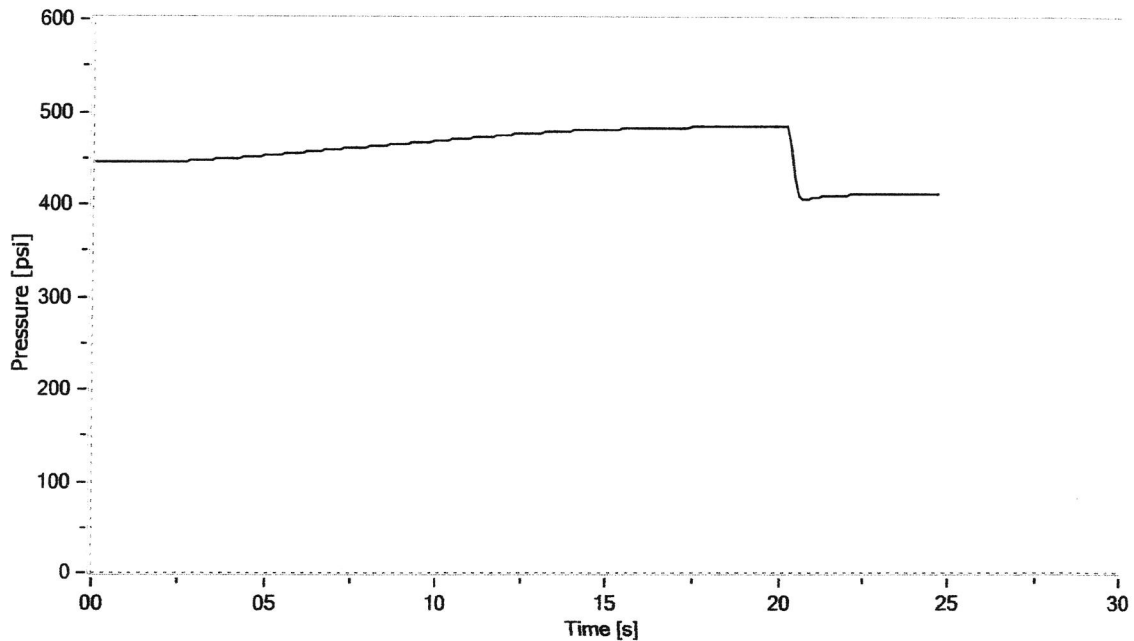
Found set pressure 485 psi  
Reseat pressure (indication) 413 psi  
Result Passed  
Test method Air

### 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  
Date  
Signature *Bobby Davis*  
8-13-19

# Safety valve inspection report

Certificate nr 374  
Date 08-13-2019

Job no. KV-3803-SO  
Client Kirby

## Valve data

Set pressure (cold) 480 psi  
Tag. No.  
Serial No. H191074-16  
Manufacturer Advance Valve  
Type / Model 742DG1V2K1

Size 1x1  
Rating  
Nozzle / Orifice 1  
Fluid Air  
Barge # K10807

## Test data

### Set pressure test

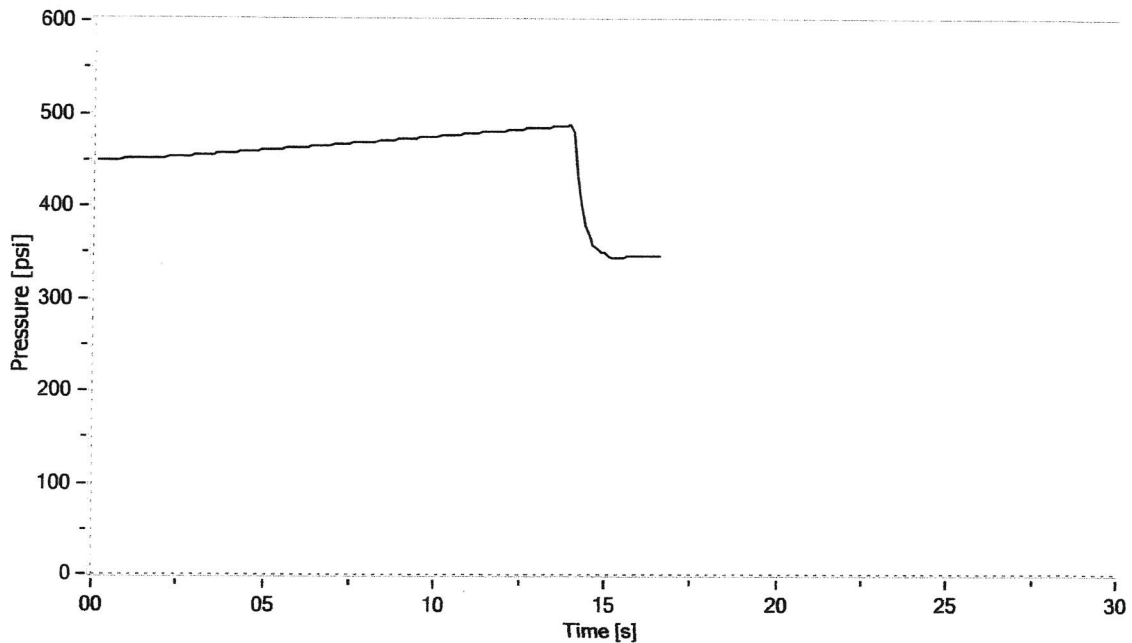
Found set pressure 488 psi  
Reseat pressure (indication) 347 psi  
Result Passed  
Test method Air

### 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 *JG*

Inspected by  
Name  
Date  
Signature *Bobby Davis*  
8-13-19

# Safety valve inspection report

Certificate nr 372  
Date 08-13-2019

Job no. LV-3803-SO  
Client Kirby

## Valve data

Set pressure (cold) 480 psi  
Tag. No.  
Serial No. H191074-18  
Manufacturer Advance Valve  
Type / Model 742DG1V2K1

Size 1x1  
Rating  
Nozzle / Orifice 1  
Fluid Air  
Barge # K10807

## Test data

### Set pressure test

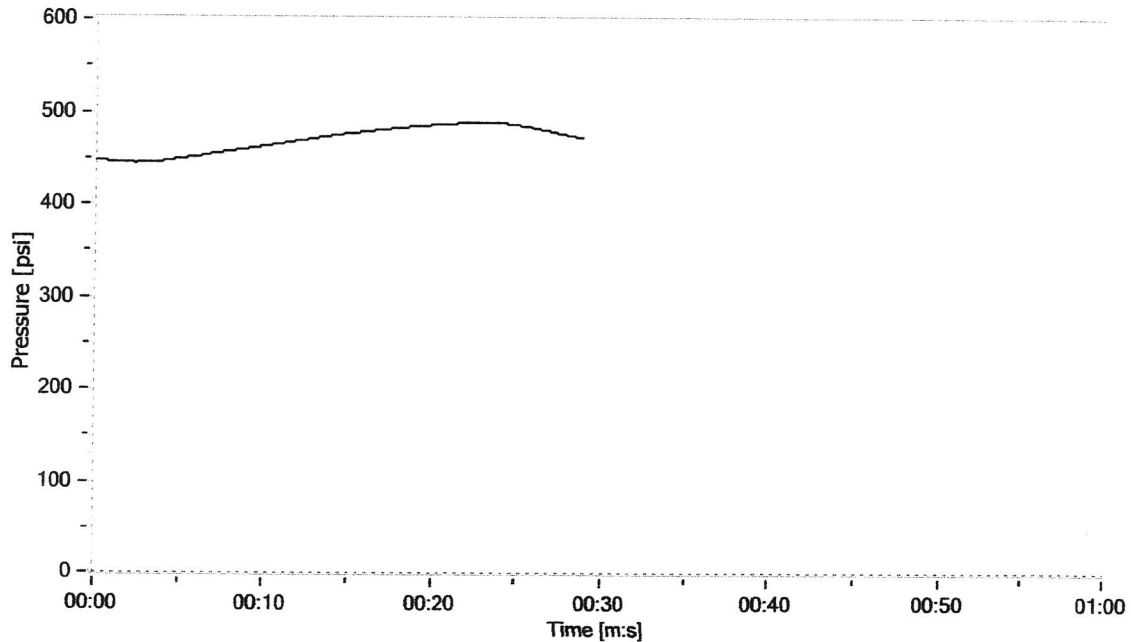
Found set pressure 489 psi  
Reseat pressure (indication) 473 psi  
Result Passed  
Test method Air

### 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

Inspected by  
Name  
Date  
Signature

8-13-19