



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

Certification Date: 29 Jul 2021  
Expiration Date: 29 Jul 2022

# 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 14831	CG029090			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
	Steel		

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
TAMPA, FL	05Jun1980		R-1572	R-1572		R-193.0
			I-	I-		I-0

Owner	Operator
KIRBY INLAND MARINE LP 55 WAUGH DRIVE SUITE 1000 HOUSTON, TX 77007 UNITED STATES	KIRBY INLAND MARINE, LP 16402 1/2 DEZAVALA RD 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 twelve (12) miles from shore between St. Marks and Carrabelle, Florida.

This vessel has been granted a fresh water service examination interval as per 46 CFR 31.10-21(a)(2); if this vessel is operated in salt water more than six (6) months in any twelve (12) month period, the vessel must be inspected using salt water intervals 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

**\*\*\*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:  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: KIRBY 14831

Program (TBSIP). Inspection activities aboard this barge shall be conducted as per its 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	31Jan2031	29Jul2021	27Jan2011
Internal Structure	28Feb2026	29Jul2021	05Feb2016

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

Authorization: LFG AND SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
14290	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)	702	5.20
1 P/S (BUT)	674	4.80
1 P/S (PPL)	586	4.30
1 P/S (PRP)(PPM)	562	4.20

### \*Conditions Of Carriage\*

#### \*Cargo Authorization\*

Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN82000084 dated 11-Oct-00, may be carried. The specified hazardous cargoes may be carried only in the tanks indicated.

#### \*Compatibility\*

Per 46 CFR 150.130, the person in charge of the vessel is responsible for ensuring the compatibility requirements of 46 CFR 150 are met. Cargoes must be checked for compatibility using figures, tables, and appendices of 46 CFR 150 in conjunction with the reactive group number from the "Compat Group No" column is listed in the vessel's CAA.

#### \*Benzene Program\*

When the vessel is carrying cargoes containing 0.5% or greater benzene by volume, the person in charge is responsible for ensuring the provisions of 46 CFR 197, Subpart C, are applied.

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

Hull Type	Max Load (S/T)	Max Draft (ft/in)	Max Density (lbs/gal)	Route
II (BDI)	1405	8'6"	5.20	LBS, R, LC (0-12)
II (BBM)	1405	8'6"	5.20	LBS, R, LC (0-12)
II (BUT)	1348	8'6"	4.80	LBS, R, LC (0-12)
II (PRP)	1124	8'6"	4.20	LBS, R, LC (0-12)
II (PPM)	1124	8'6"	4.20	LBS, R, LC (0-12)
II (PPL)	1172	8'6"	4.30	LBS, R, LC (0-12)

Inspected and approved for the carriage of Liquefied Flammable Gases at a pressure not to exceed 260 psig and at a



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Vessel Name: KIRBY 14831

temperature not less than ambient.

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

**\*Cargo Tanks\***

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 P/S (BDI)(BBM)	27Jan2011	29Jul2021	31Jan2031	05Feb2016	29Jul2021	28Feb2026
1 P/S (BUT)	27Jan2011	29Jul2021	31Jan2031	05Feb2016	29Jul2021	28Feb2026
1 P/S (PPL)	27Jan2011	29Jul2021	31Jan2031	05Feb2016	29Jul2021	28Feb2026
1 P/S (PRP)(PPM)	27Jan2011	29Jul2021	31Jan2031	05Feb2016	29Jul2021	28Feb2026

**Hydro Test**

Tank Id	Safety Valves	Previous	Last	Next
1 P/S (BDI)(BBM)	17May2021	-	-	-
1 P/S (BUT)	17May2021	-	-	-
1 P/S (PPL)	17May2021	-	-	-
1 P/S (PRP)(PPM)	17May2021	-	-	-

**---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
2	40-B

\*\*\*END\*\*\*



# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: KIRBY 14831  
Official #: CG029080

Shipyard: Misener  
Hull #: 141

### 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 Mat'ls of Construction
		Group No	Exc				
<b>Authorized Subchapter O Cargoes</b>							
Butadiene, Butylene mixtures (containing Acetylenes)	BBM	30	N		II		.50-30, .50-70(e), .50-73, .50-1(b), (d), (f), (g)
Butadiene	BDI	30	N	LFG	II		.50-70(e), .50-73
Butane	BUT	31	N	LFG			
Propylene	PPL	30	N	LFG			
Propylene, Propane, MAPP gas mixture (containing 12% or less MAPP gas)	PPM	30	Y	LFG	III		.50-79 'd' only
Propane	PRP	31	N	LFG			

### 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.
- #** 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 48 CFR 151.10-1.
- II** 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).
- III** Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 48 CFR 151.10-1(b)(3).
- 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 670  
Date 05-17-2021

Job no. LV-7869-S0  
Client Kirby Inland Marine  
Barge # Kirby 14831

## Valve data

Set pressure (cold) 260 psi  
Manufacturer Midland  
Type / Model A31260  
Serial No. EF39

Size 8"  
Rating 300  
Nozzle / Orifice

## Test data

### Set pressure test

Found set pressure 260 psi  
Reset pressure (indication) 255 psi  
Result Passed  
Test method Air

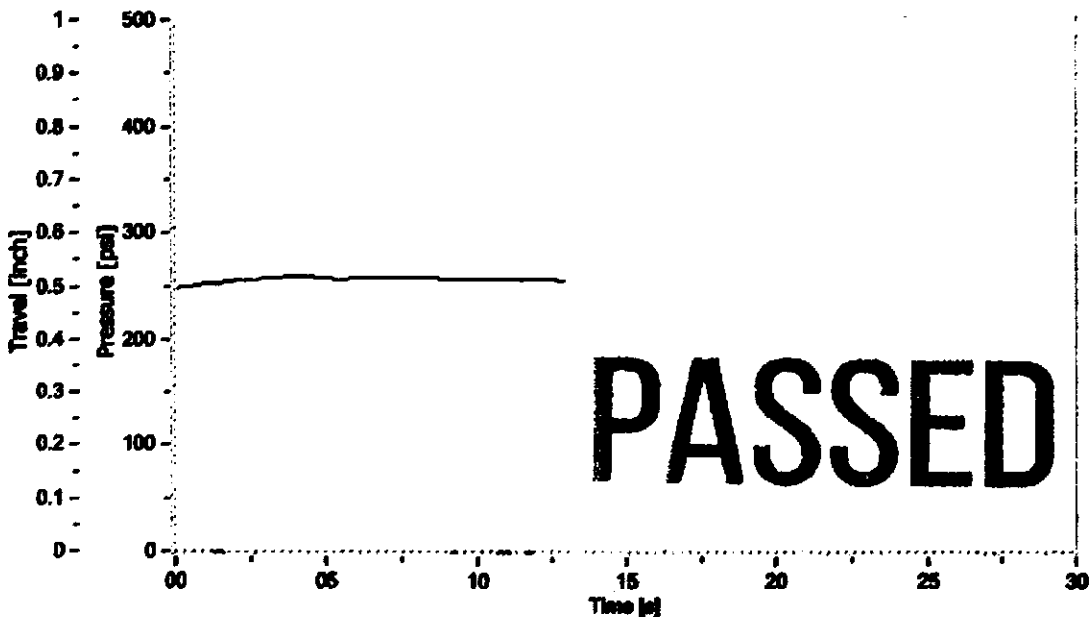
### Seat tightness test

Leakage -  
Test pressure -  
Result -

### Backpressure test

Pressure -  
Result -

*Law Valve of Texas*



# PASSED

### Tested by

Name Javier Gutierrez  
Date 5-17-21  
Signature *[Handwritten Signature]*

### Inspected by

Name *[Handwritten Name]*  
Date 17 MAY 21  
Signature *[Handwritten Signature]*

# Safety valve inspection report

Certificate nr 674  
Date 05-17-2021

Job no. LV-7966-WO  
Client Kirby Inland Marine  
Barge # KIRBY 14831

## Valve data

Set pressure (cold) 260 psi  
Manufacturer Midland  
Type / Model A31260  
Serial No. EF38

Size 8"  
Rating 300  
Nozzle / Orifice

## Test data

### Set pressure test

Found set pressure 261 psi  
Reset pressure (indication) 242 psi  
Result Passed  
Test method Air

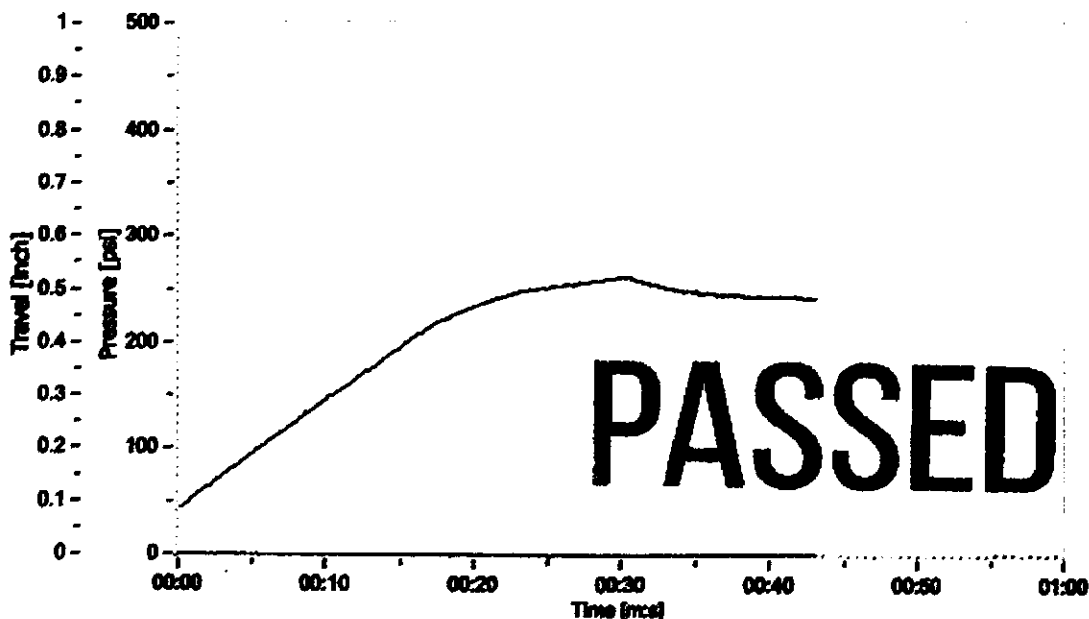
### Seat tightness test

Leakage -  
Test pressure -  
Result -


### Backpressure test

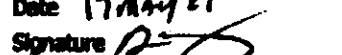
Pressure -  
Result -

*Law Valve of Texas* 



Tested by  
Name  
Date  
Signature

David Tholler  
5-17-21  


Inspected by  
Name AATE Brian Messinger  
Date 17 MAY 21  
Signature 

# Safety valve inspection report

Certificate nr 673  
Date 05-17-2021

Job no. LV-7966-WO  
Client Kirby Inland Marine  
Barge # KIRBY 14831

## Valve data

Set pressure (cold) 260 psi  
Manufacturer Midland  
Type / Model A31260  
Serial No. EF44

Size 8"  
Rating 300  
Nozzle / Orifice

## Test data

### Set pressure test

Found set pressure 262 psi  
Reset pressure (Indication) 252 psi  
Result Passed  
Test method Air

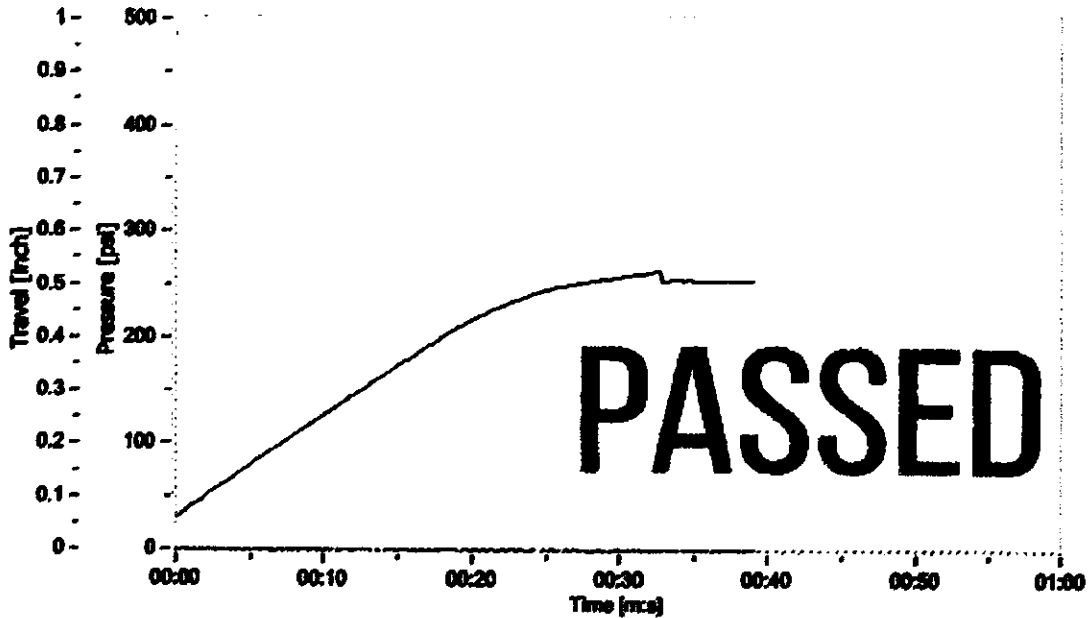
### Seat tightness test

Leakage -  
Test pressure -  
Result -

### Backpressure test

Pressure -  
Result -

*Law Valve of Texas*



Tested by  
Name  
Date  
Signature

David Thaler  
5-17-21  
*[Signature]*

Inspected by  
Name *MSFC Brian Messing*  
Date *17 May 21*  
Signature *[Signature]*

# Safety valve inspection report

Certificate nr 675  
Date 05-17-2021

Job no. LV-7966-WO  
Client Kirby Inland Marine  
Barge # KIRBY 14831

## Valve data

Set pressure (cold) 260 psi  
Manufacturer Midland  
Type / Model A31260  
Serial No. EF42

Size 6"  
Rating 300  
Nozzle / Orifice

## Test data

### Set pressure test

Found set pressure 257 psi  
Reset pressure (indication) 250 psi  
Result Passed  
Test method Air

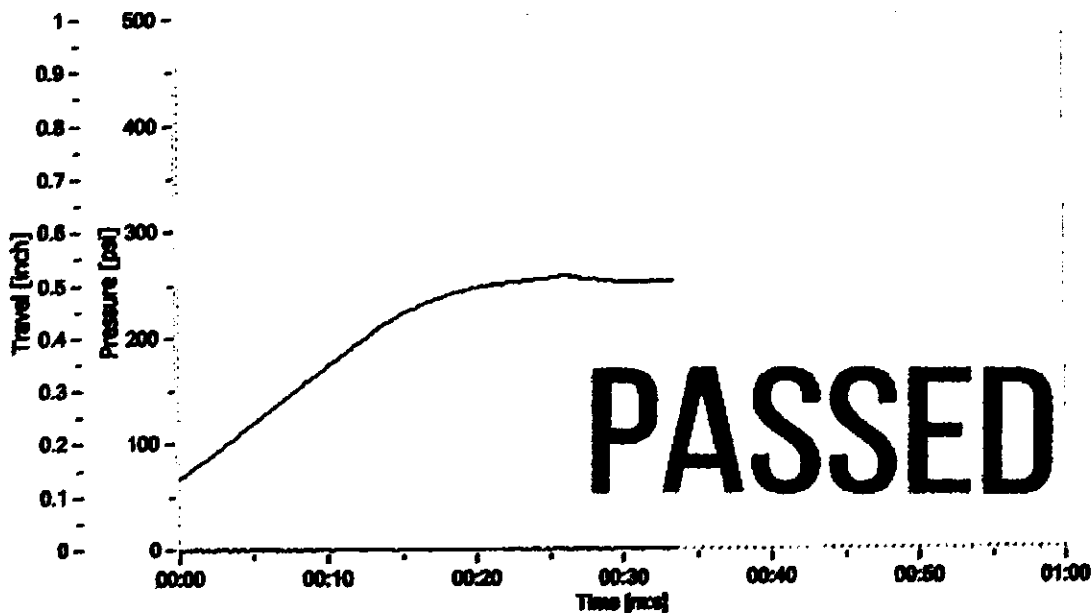
### Seat tightness test

Leakage -  
Test pressure -  
Result -

### Backpressure test

Pressure -  
Result -

**Law Valve of Texas**



Tested by  
Name David Thelmer  
Date 5-17-21  
Signature *[Signature]*

Inspected by  
Name MSTC D. J. Messinger  
Date 17 May 21  
Signature *[Signature]*



# Safety valve inspection report

Certificate nr 669  
Date 05-17-2021

Job no. LV-7966-WD  
Client Kirby Inland Marine  
Barge # KIRBY 14831

## Valve data

Set pressure (cold) 260 psi  
Manufacturer Midland  
Type / Model A31260  
Serial No. EF43

Size 8"  
Rating 300  
Nozzle / Orifice

## Test data

### Set pressure test

Found set pressure 260 psi  
Reset pressure (indication) 256 psi  
Result Passed  
Test method Air

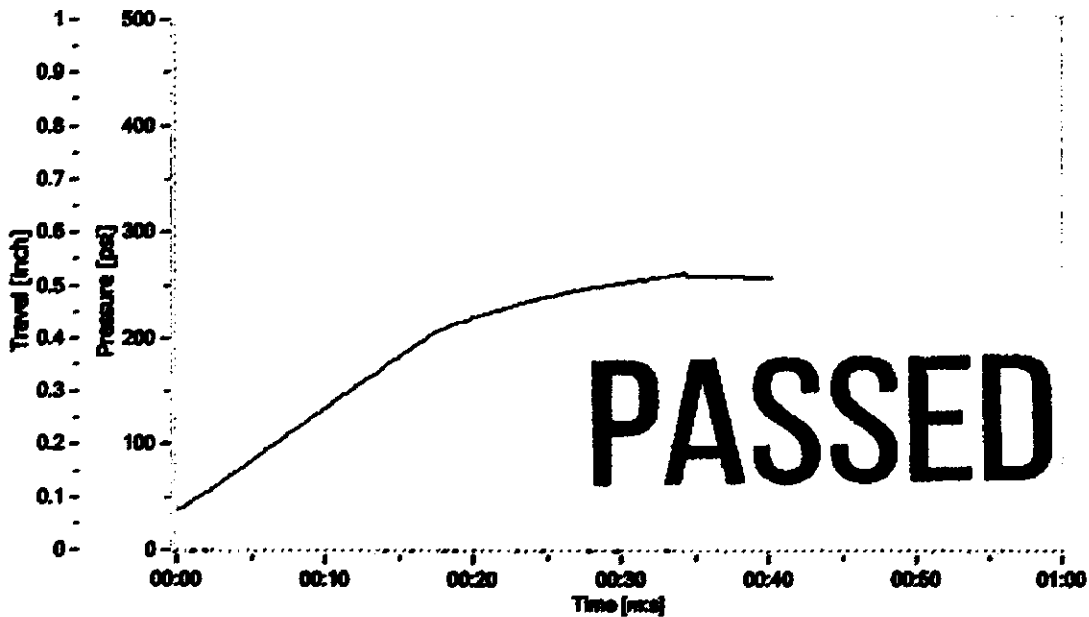
### Seat tightness test

Leakage -  
Test pressure -  
Result -

### Backpressure test

Pressure -  
Result -

*Law Valve of Texas*



Tested by  
Name  
Date  
Signature

David Theller  
5-17-21  
*[Signature]*

Inspected by

Name MSTC Brian Masling  
Date 17 MAY 21  
Signature *[Signature]*

# Safety valve inspection report

Certificate nr 668  
Date 05-17-2021

Job no. LV-7966-WO  
Client Kirby Inland Marine  
Barge # Kirby 14831

## Valve data

Set pressure (cold) 260 psi  
Manufacturer Midland  
Type / Model A31260  
Serial No. EF40

Size 8"  
Rating 300  
Nozzle / Orifice

## Test data

### Set pressure test

Found set pressure 259 psi  
Reseat pressure (indication) 254 psi  
Result Passed  
Test method Air

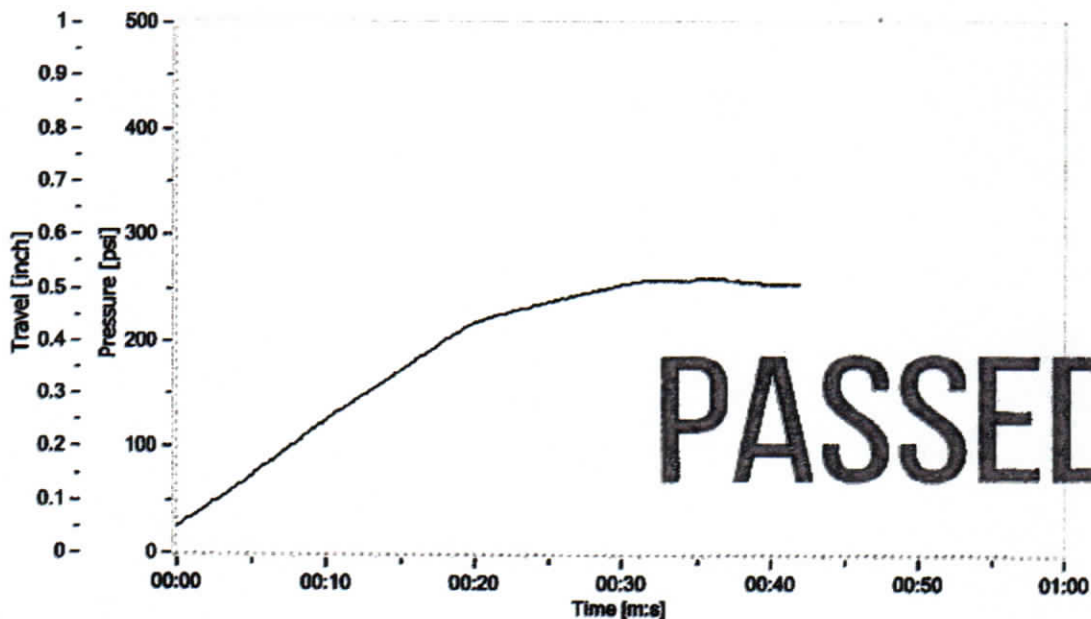
### Seat tightness test

Leakage -  
Test pressure -  
Result -

### Backpressure test

Pressure -  
Result -

*Law Valve of Texas*



### Tested by

Name David Theiler  
Date 5-17-21  
Signature *[Signature]*

### Inspected by

Name MSTC David Messing  
Date 17 MAY 21  
Signature *[Signature]*

# Safety valve inspection report

Certificate nr 671  
Date 05-17-2021

Job no. LV-7966-WO  
Client Kirby Inland Marine  
Barge # KIRBY 14831

## Valve data

Set pressure (cold) 260 psi  
Manufacturer Midland  
Type / Model A31260  
Serial No. EF41

Size 8"  
Rating 300  
Nozzle / Orifice

## Test data

### Set pressure test

Found set pressure 260 psi  
Reset pressure (indication) 247 psi  
Result Passed  
Test method Air

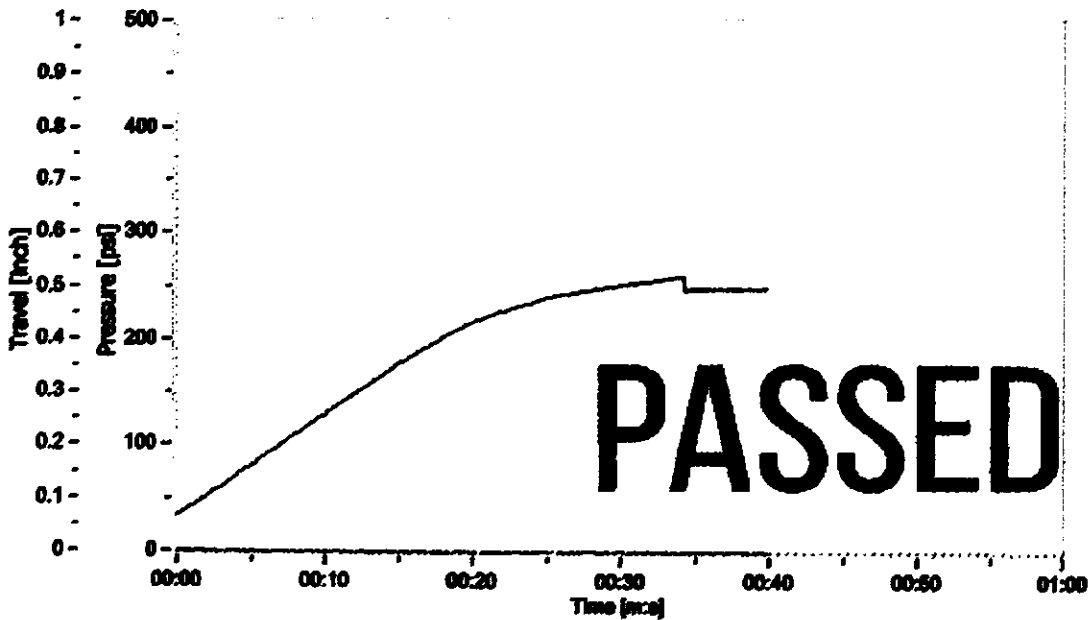
### Seat tightness test

Leakage -  
Test pressure -  
Result -

### Backpressure test

Pressure -  
Result -

*Law Valve of Texas*



Tested by  
Name  
Date  
Signature

David Thaler  
5-17-21  
*[Signature]*

Inspected by  
Name *MARCO BRIND MESSING*  
Date *17 MAY 21*  
Signature *[Signature]*

# Safety valve inspection report

Certificate nr 672  
Date 05-17-2021

Job no. LV-7966-WO  
Client Kirby Inland Marine  
Barge # KIRBY 14631

## Valve data

Set pressure (cold) 260 psi  
Manufacturer Midland  
Type / Model A31260  
Serial No. EF45

Size 8"  
Rating 300  
Nozzle / Orifice

## Test data

### Set pressure test

Found set pressure 258 psi  
Reset pressure (Indication) 255 psi  
Result Passed  
Test method Air

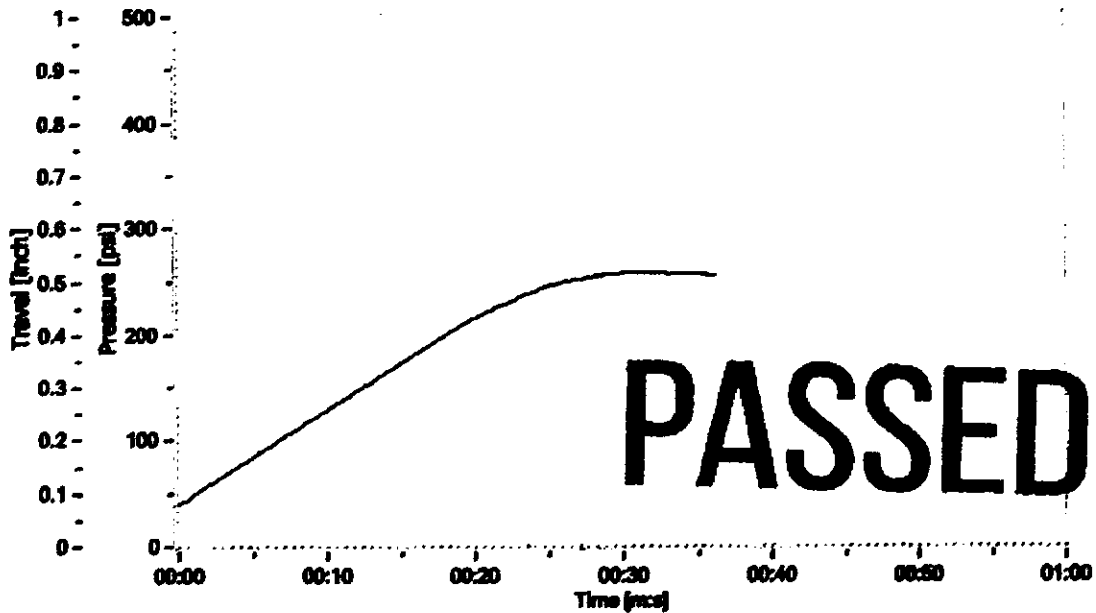
### Seat tightness test

Leakage -  
Test pressure -  
Result -

### Backpressure test

Pressure -  
Result -

*Law Valve of Texas*



# PASSED

Tested by  
Name  
Date  
Signature

David Theller  
5-17-21  
*[Signature]*

Inspected by  
Name MTRC Brian Messing  
Date 17 May 21  
Signature *[Signature]*