



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

Certification Date: 10 Jun 2021
Expiration Date: 10 Jun 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 14804	615245			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
SAN FRANCISCO, CA	Steel		
UNITED STATES			

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
TAMPA FL	01Jan1979		R-1807	R-1807		R-245.0
UNITED STATES			-	-		-0

Owner	Operator
KIRBY INLAND MARINE INC 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---

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 per 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 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 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 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: KIRBY 14804

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.

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31Mar2031	10Jun2021	21Mar2011
Internal Structure	30Apr2026	10Jun2021	08Apr2016

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

Authorization: LFG AND SPECIFIED HAZARDOUS CARGOES.

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
14860	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)
Acetaldehyde AAD (P/C/S)	648	6.50
Butadiene BDI (P/C/S)	512	5.20
Butane BUT (P/C/S)	468	4.80
Butene BTN (P/C/S)	485	5.00

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
II	1990	7ft 10in	6.50	R
II	1990	7ft 10in	6.50	LBS & LC (0-12)

Conditions Of Carriage

Loading Constraints - Stability

Hull Type	Max Load (S/T)	Max Draft (ft/in)	Max Density (lbs/gal)	Route
II (BDI)	1536	6'8"	5.2	LBS, R, LC (0-12)
II (BUT)	1404	6'4"	4.8	LBS, R, LC (0-12)
II (BTN)	1455	6'5"	5.0	LBS, R, LC (0-12)
II (AAD)	1944	7'9"	6.5	LBS, R, LC (0-12)

Inspected and approved for the carriage of liquefied flammable gases at a pressure not to exceed 100 psi relief valve setting and at temperatures not less than ambient (0-115 degrees Fahrenheit).

Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), serial # VN80014406, dated 05OCT01, may be carried. The specified hazardous cargoes may be carried only in the tanks indicated.

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



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Vessel Name: KIRBY 14804

with the reactive group number from the "Compat Group No" column is listed in the vessel's CAA.

Stability and Trim

Per 46 CFR 151.10(c)(2) the maximum tank weights listed above reflect uniform (within 5%) loading at the deepest draft allowed. When carrying subchapter "O" cargoes at shallower drafts, the barge should always be loaded uniformly.

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
Acetaldehyde AAD (P/C/S)	21Mar2011	10Jun2021	31Mar2031	08Apr2016	10Jun2021	30Apr2026
Butadiene BDI (P/C/S)	21Mar2011	10Jun2021	31Mar2031	08Apr2016	10Jun2021	30Apr2026
Butane BUT (P/C/S)	21Mar2011	10Jun2021	31Mar2031	08Apr2016	10Jun2021	30Apr2026
Butene BTN (P/C/S)	21Mar2011	10Jun2021	31Mar2031	08Apr2016	10Jun2021	30Apr2026

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
Acetaldehyde AAD (P/C/S)	10Jun2021	-	-	-
Butadiene BDI (P/C/S)	10Jun2021	-	-	-
Butane BUT (P/C/S)	10Jun2021	-	-	-
Butene BTN (P/C/S)	10Jun2021	-	-	-

---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: **KIRBY 14804**
Official #: **D615245**

Shipyard: **MISENER INDU**
Hull #: **129**

List of Authorized Cargoes

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat		Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat'ls of Construction
		Group No	Exc				
Authorized Subchapter O Cargoes							
Acetaldehyde	AAD	19	N	A	II		55-1(h)
Butadiene	BDI	30	N	LFG	II		50-70(a), 50-73

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 (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).
 - III 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.

Safety valve inspection report

Certificate nr 720
Date 05-26-2021

Job no. LV-7798-WO
Client Kirby Inland Marine
Barge # KIRBY 14804

Valve data

Set pressure (cold) 100 psi
Manufacturer Consolidated
Type / Model 190530R
Serial No. TE33174

Size 6xRx8
Rating 150x150
Nozzle / Orifice R

Test data

Set pressure test

Found set pressure 100 psi
Reseat pressure (indication) 99 psi
Result Passed
Test method Air

Seat tightness test

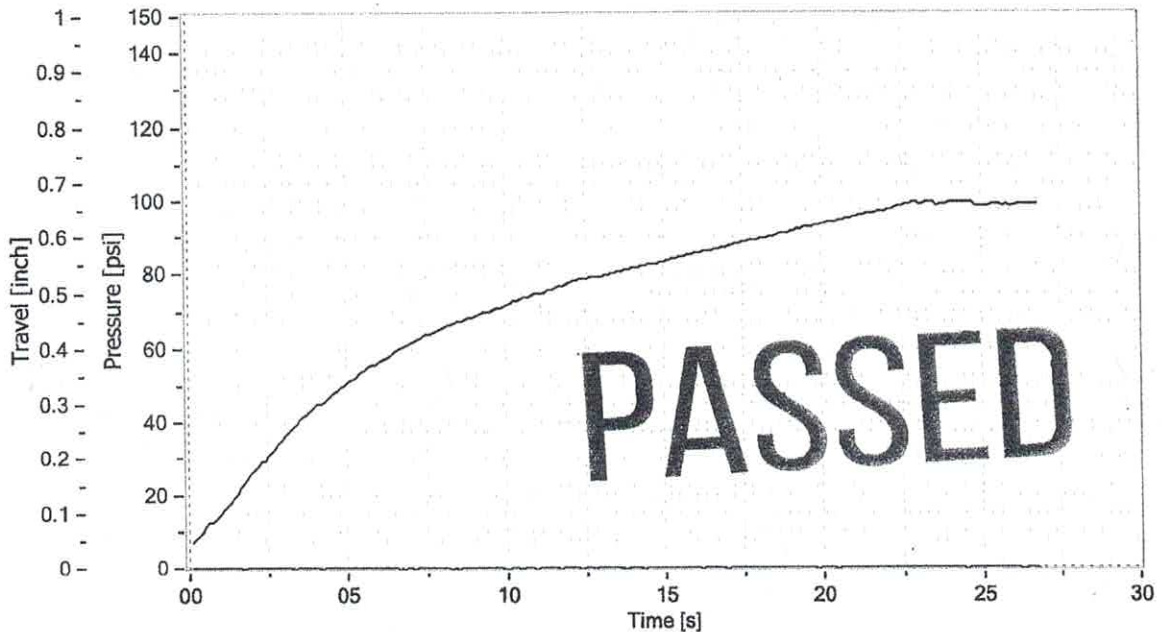
Leakage 0 bubbles/min.
Test pressure 91 psi
Result Passed

Backpressure test

Pressure
Result

10psi
passed

Law Valve of Texas



Tested by
Name
Date
Signature

David Theiler
5-27-21
[Signature]

Inspected by
Name
Date
Signature

Safety valve inspection report

Certificate nr 722
Date 05-26-2021

Job no. LV-7798-WO
Client Kirby Inland Marine
Barge # KIRBY 14804

Valve data

Set pressure (cold) 100 psi
Manufacturer Consolidated
Type / Model 190530R
Serial No. TE33170

Size 6xRx8
Rating 150x150
Nozzle / Orifice R

Test data

Set pressure test

Found set pressure 99 psi
Reseat pressure (indication) 95 psi
Result Passed
Test method Air

Seat tightness test

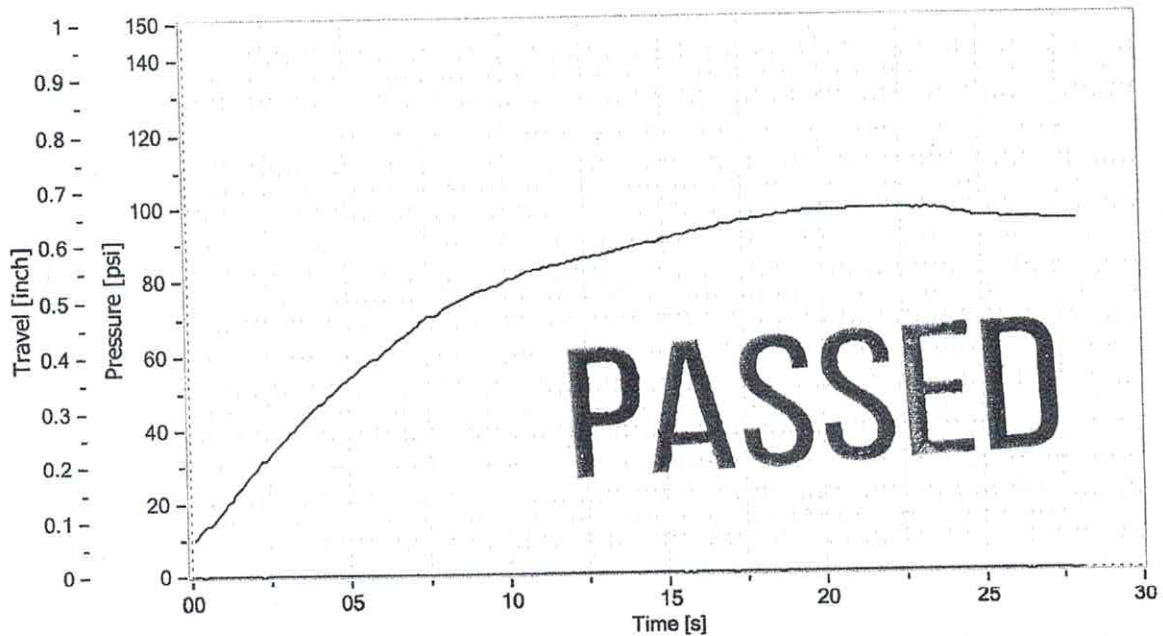
Leakage 0 bubbles/min.
Test pressure 90 psi
Result Passed

Backpressure test

Pressure
Result

*10psi
passed*

Law Valve of Texas



Tested by
Name
Date
Signature

David Theiler
5-27-21
[Signature]

Inspected by
Name
Date
Signature

Safety valve inspection report

Certificate nr 721
Date 05-26-2021

Job no. LV-7798-WO
Client Kirby Inland Marine
Barge # KIRBY 14804

Valve data

Set pressure (cold) 100 psi
Manufacturer Consolidated
Type / Model 190530R
Serial No. TE33178

Size 6xRx8
Rating 150x150
Nozzle / Orifice R

Test data

Set pressure test

Found set pressure 100 psi
Reseat pressure (indication) 99 psi
Result Passed
Test method Air

Seat tightness test

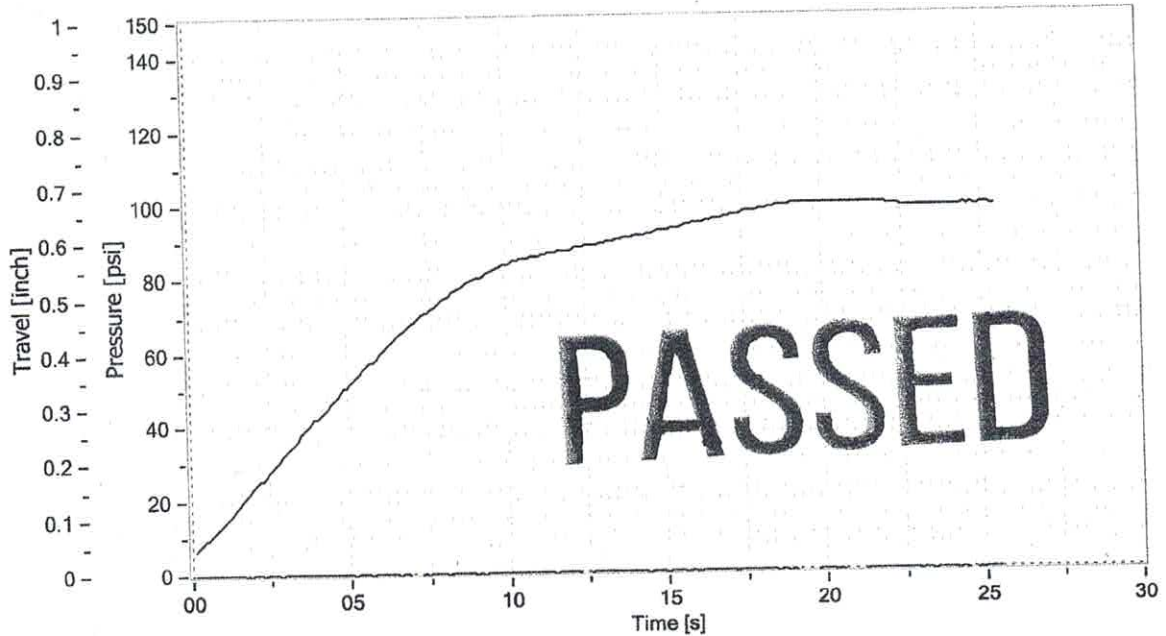
Leakage 0 bubbles/min.
Test pressure 92 psi
Result Passed

Backpressure test

Pressure
Result

*10 psi
passed*

Law Valve of Texas



Tested by
Name
Date
Signature

David Theiler
5-27-21
[Signature]

Inspected by
Name
Date
Signature

Safety valve inspection report

Certificate nr 723
Date 05-26-2021

Job no. LV-7798-WO
Client Kirby Inland Marine
Barge # KIRBY 14804

Valve data

Set pressure (cold) 100 psi
Manufacturer Consolidated
Type / Model 190530R
Serial No. TE33167

Size 6xRx8
Rating 150x150
Nozzle / Orifice R

Test data

Set pressure test

Found set pressure 100 psi
Reseat pressure (indication) 98 psi
Result Passed
Test method Air

Seat tightness test

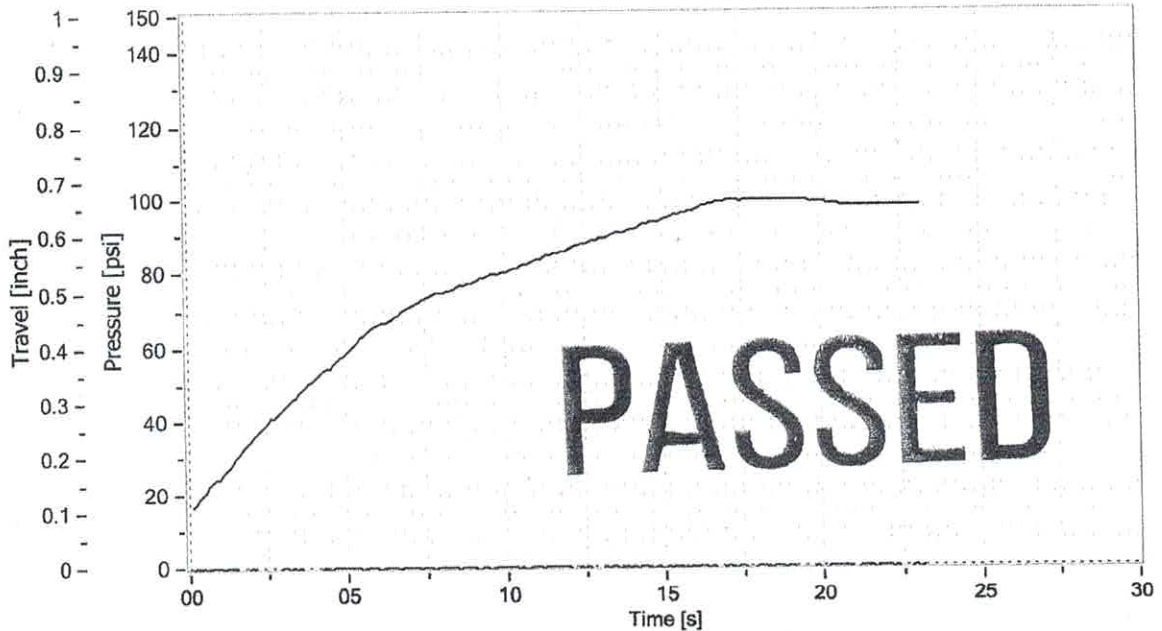
Leakage 0 bubbles/min.
Test pressure 91 psi
Result Passed

Backpressure test

Pressure
Result

*100 psi
passed*

Law Valve of Texas



Tested by
Name
Date
Signature

David Theiler
5-27-21
[Signature]

Inspected by
Name
Date
Signature

Safety valve inspection report

Certificate nr 719
Date 05-26-2021

Job no. LV-7798-WO
Client Kirby Inland Marine
Barge # KIRBY 14804

Valve data

Set pressure (cold) 100 psi
Manufacturer Consolidated
Type / Model 190530R
Serial No. TE33182

Size 6xRx8
Rating 150x150
Nozzle / Orifice R

Test data

Set pressure test

Found set pressure 100 psi
Reseat pressure (indication) 97 psi
Result Passed
Test method Air

Seat tightness test

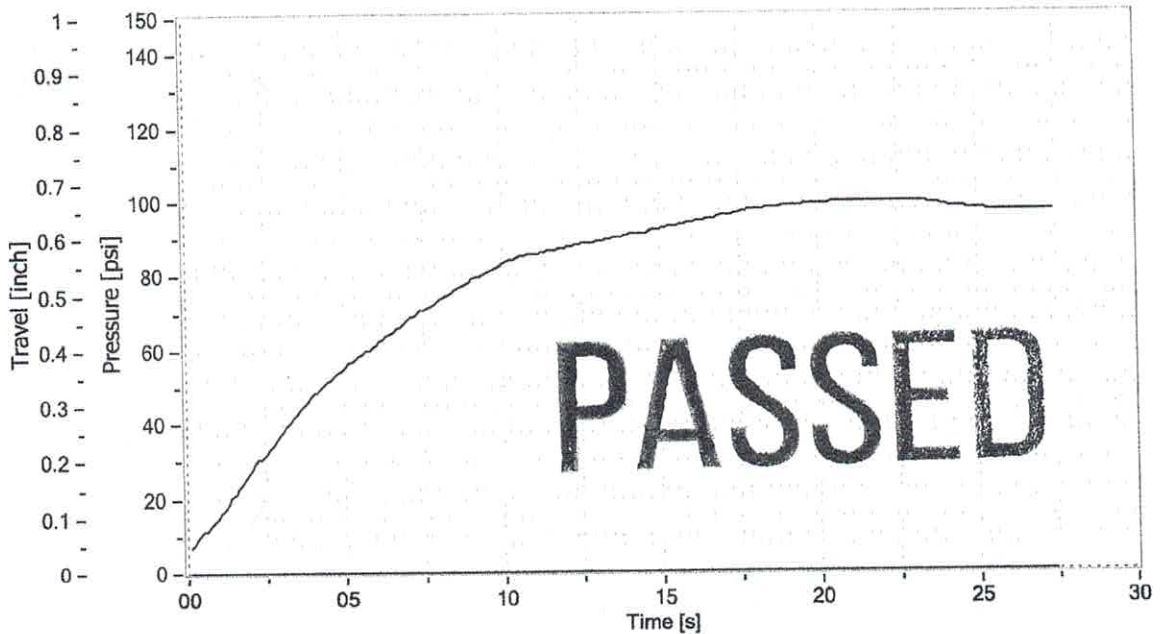
Leakage 0 bubbles/min.
Test pressure 91 psi
Result Passed

Backpressure test

Pressure
Result

*10psi
passed*

Law Valve of Texas



Tested by
Name
Date
Signature

David Theiler
5-27-21
[Signature]

Inspected by
Name
Date
Signature

Safety valve inspection report

Certificate nr 718
Date 05-26-2021

Job no. LV-7798-WO
Client Kirby Inland Marine
Barge # KIRBY 14804

Valve data

Set pressure (cold) 100 psi
Manufacturer Consolidated
Type / Model 190530R
Serial No. TE33176

Size 6xRx8
Rating 150x150
Nozzle / Orifice R

Test data

Set pressure test

Found set pressure 100 psi
Reseat pressure (indication) 98 psi
Result Passed
Test method Air

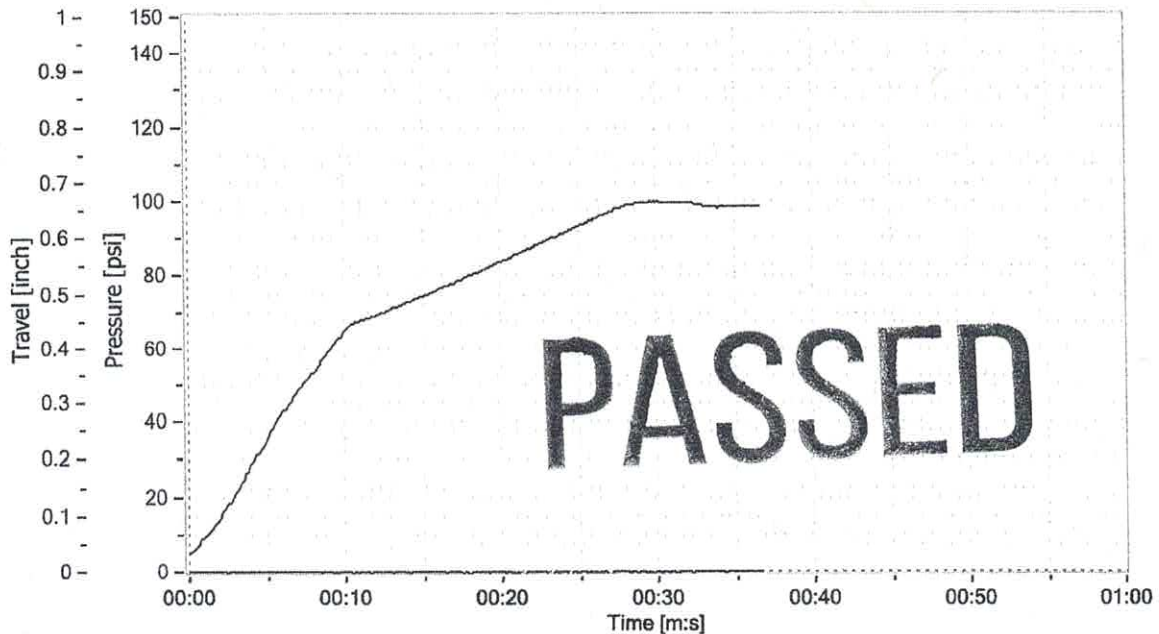
Seat tightness test

Leakage 0 bubbles/min.
Test pressure 92 psi
Result Passed

Backpressure test

Pressure 70 psi
Result passed

Law Valve of Texas



Tested by
Name
Date
Signature

David Theiler
5-27-21
[Signature]

Inspected by
Name
Date
Signature

Safety valve inspection report

Certificate nr 717
Date 05-26-2021

Job no. LV-7799-WO
Client Kirby Inland Marine
Barge # KIRBY 14804

Valve data

Set pressure (cold) 100 psi
Manufacturer Consolidated
Type / Model 190530L
Serial No. TE37451

Size 3xLx4
Rating 150x150
Nozzle / Orifice L

Test data

Set pressure test

Found set pressure 101 psi
Reseat pressure (indication) 98 psi
Result Passed
Test method Air

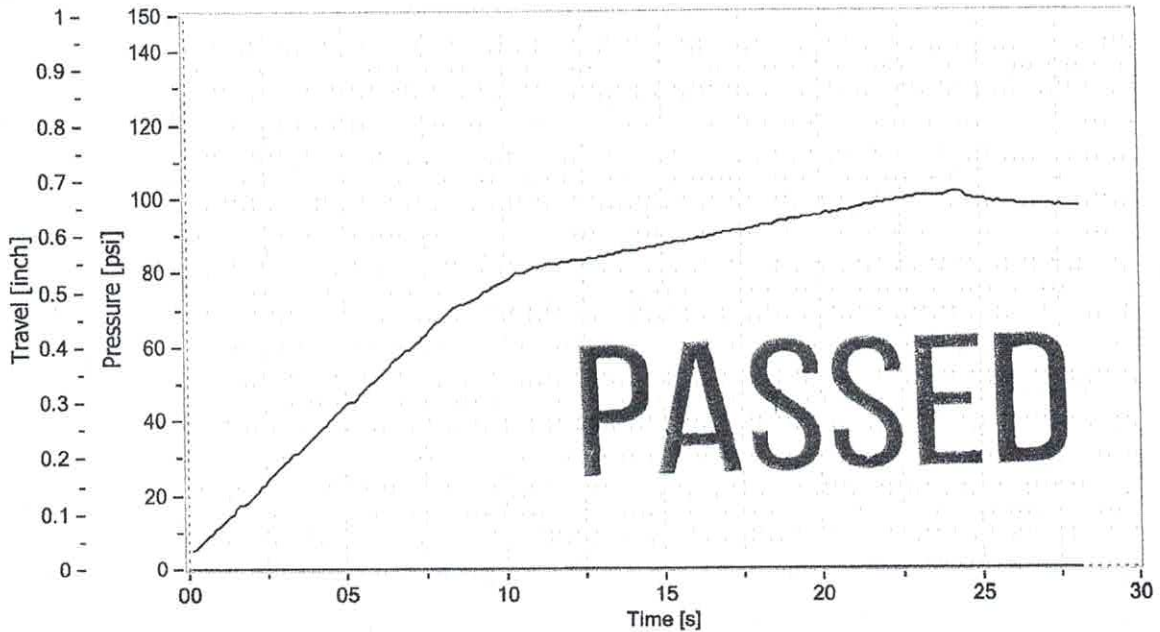
Seat tightness test

Leakage 0 bubbles/min.
Test pressure 91 psi
Result Passed

Backpressure test

Pressure
Result *70psi passed*

Law Valve of Texas



Tested by
Name
Date
Signature

David Theiler
5-27-21
[Signature]

Inspected by
Name
Date
Signature

Safety valve inspection report

Certificate nr 715
Date 05-26-2021

Job no. LV-7799-WO
Client Kirby Inland Marine
Barge # KIRBY 14804

Valve data

Set pressure (cold) 100 psi
Manufacturer Consolidated
Type / Model 190530L
Serial No. TE37453

Size 3xLx4
Rating 150x150
Nozzle / Orifice L

Test data

Set pressure test

Found set pressure 100 psi
Reseat pressure (indication) 95 psi
Result Passed
Test method Air

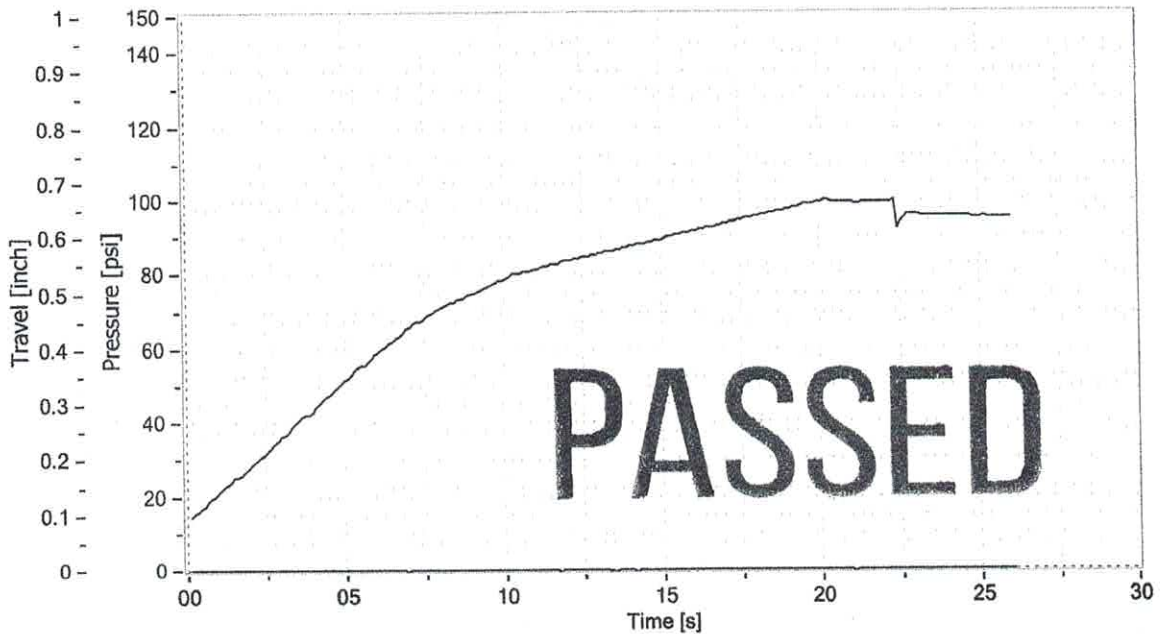
Seat tightness test

Leakage 0 bubbles/min.
Test pressure 93 psi
Result Passed

Backpressure test

Pressure
Result *10psi passed*

Law Valve of Texas



Tested by
Name
Date
Signature

David Theiler
5-27-21
[Signature]

Inspected by
Name
Date
Signature

Safety valve inspection report

Certificate nr 738
Date 05-28-2021

Job no. LV-7799-WO
Client Kirby Inland Marine
Barge # KIRBY 14804

Valve data

Set pressure (cold) 100 psi
Manufacturer Consolidated
Type / Model 190530L
Serial No. TE37452

Size 3xLx4
Rating 150x150
Nozzle / Orifice L

Test data

Set pressure test

Found set pressure 99 psi
Reseat pressure (indication) 97 psi
Result Passed
Test method Air

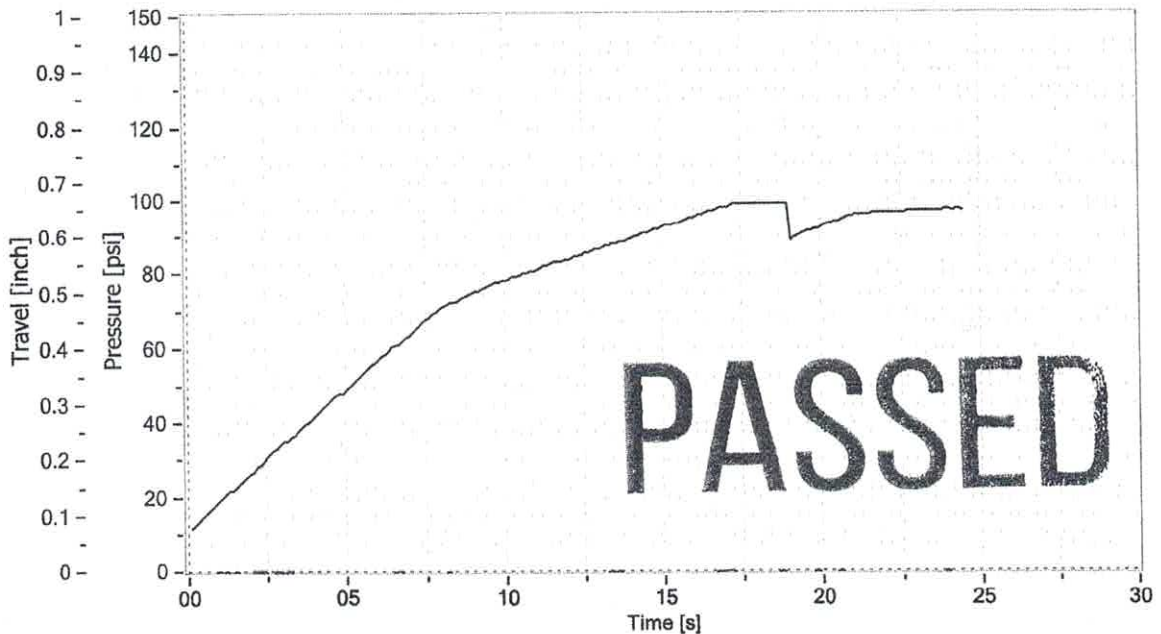
Seat tightness test

Leakage 0 bubbles/min.
Test pressure 92 psi
Result Passed

Backpressure test

Pressure -10psi
Result -passed

Law Valve of Texas



Tested by
Name
Date
Signature

David Theiler
5-28-21
[Signature]

Inspected by
Name
Date
Signature