



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

Certification Date:	30 Oct 2024
Expiration Date:	30 Oct 2025

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 16813	1216302			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
WILMINGTON, DE	Steel		
UNITED STATES			

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
ASHLAND CITY, TN	26Aug2009	10Nov2008	R-1306	R-1306		R-240.0
UNITED STATES			I-	I-		I-0

Owner	Operator
KIRBY INLAND MARINE LP 55 WAUGH DR STE 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	

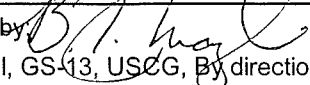
In addition, this vessel may carry 0 Passengers, 0 Other Persons in crew, 0 Persons in addition to crew, and no Others. Total Persons allowed: 0

Route Permitted And Conditions Of Operation:
---Lakes, Bays, and Sounds---

This tank barge is participating in the Eighth Coast Guard District's Tank Barge Streamlined Inspection Program (TBSIP). Inspection activities aboard this barge shall be conducted per 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 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 16813

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31Oct2029	30Oct2024	23Sep2019
Internal Structure	31Aug2026	30Oct2024	23Aug2021

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

Authorization: LFG and Specified Hazardous Cargo

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
16676	Barrels	LFG	Yes	No	No

Hazardous Bulk Solids Authority

Loading Constraints - Structural

Tank Number	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
P/S/CL BDI	572	5.228
P/S/CL BTN	545	4.997
P/S/CL BUT	535	4.88
P/S/CL PPL	457	4.348
P/S/CL PRP	438	4.246

Conditions Of Carriage

Inspected and approved for the carriage of liquefied flammable gases (LFGs) at a pressure not to exceed 265 psig and at a temperature not less than ambient. Those LFGs that have been authorized for carriage are identified by their CHRIS Code in the Loading Constraints above.

Mixtures of the Subchapter D liquefied flammable gas cargoes listed above are also authorized for carriage subject to the loading and stability constraints of the least dense cargo in the mixture.

Mixtures of Subchapter O and D liquefied gas cargoes not specified above must be approved by the Marine Safety Center prior to being authorized for carriage.

In accordance with 46 CFR 150.130, the Person In Charge of the vessel is responsible for ensuring that the compatibility requirements of 46 CFR 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 46 CFR 150.

Loading Constraints - Stability

Hull Type	Max Load (S/T)	Max Draft (ft/in)	Max Density (lbs/gal)	Route
II/III (BDI)	1715	7'11"	5.228	LBS, R, LC (0-12)
II/III (BTN)	1635	7'11"	4.997	LBS, R, LC (0-12)
II/III (BUT)	1606	7'11"	4.88	LBS, R, LC (0-12)
II/III (PPL)	1372	7'11"	4.348	LBS, R, LC (0-12)
II/III (PRP)	1314	7'11"	4.246	LBS, R, LC (0-12)

--- Inspection Status ---



Temporary Certificate of Inspection

Vessel Name: KIRBY 16813

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
P/S/CL BDI	08Oct2019	30Oct2024	31Oct2034	23Aug2021	30Oct2024	31Oct2029
P/S/CL BTN	08Oct2019	30Oct2024	31Oct2034	23Aug2021	30Oct2024	31Oct2029
P/S/CL BUT	08Oct2019	30Oct2024	31Oct2034	23Aug2021	30Oct2024	31Oct2029
P/S/CL PPL	08Oct2019	30Oct2024	31Oct2034	23Aug2021	30Oct2024	31Oct2029
P/S/CL PRP	08Oct2019	30Oct2024	31Oct2034	23Aug2021	30Oct2024	31Oct2029

Hydro Test

Tank Id	Safety Valves	Hydro Test		
		Previous	Last	Next
P/S/CL BDI	31Oct2029	-	-	-
P/S/CL BTN	31Oct2029	-	-	-
P/S/CL BUT	31Oct2029	-	-	-
P/S/CL PPL	31Oct2029	-	-	-
P/S/CL PRP	31Oct2029	-	-	-

---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

Safety valve inspection report

Certificate nr 469
Date 10-21-2019

Job no. LV-4433-SO
Client Kirby

Valve data

Set pressure (cold) 265 psi
Tag. No.
Serial No. TG28658
Manufacturer Consolidated
Type / Model 1910C

Size 6xOx8
Rating 150x300
Nozzle / Orifice C
Fluid Air
Barge # K16813

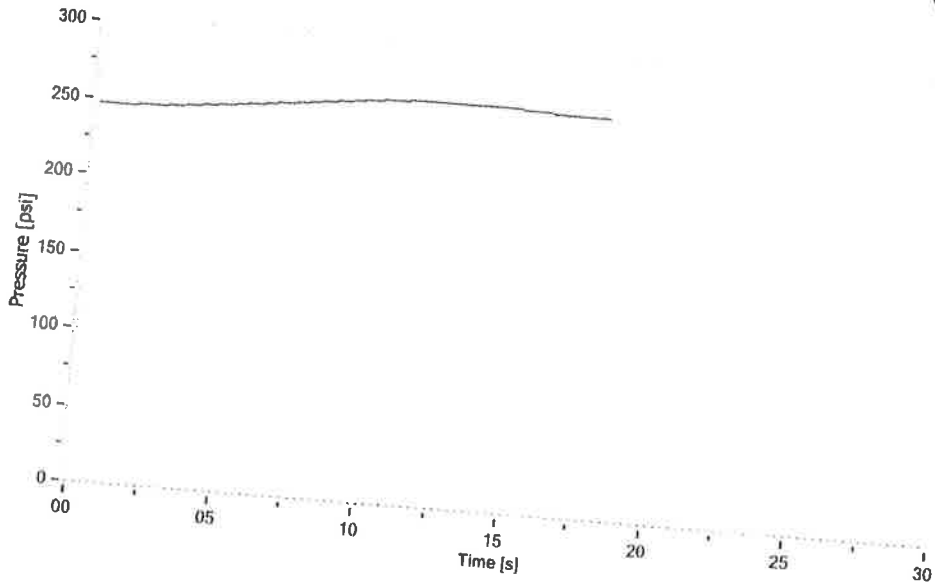
Test data

Set pressure test
Found set pressure 263 psi
Reseat pressure (indication) 261 psi
Result Passed
Test method Air

Seat tightness test
Leakage 0 bubbles/min.
Test pressure 258 psi
Result Passed

Manual Back Pressure test
BP Pressure 30 psi
BP Result Passed

Law Valve of Texas



Tested by
Name Javier Gutierrez
Date 10-22-19
Signature *[Signature]*

Inspected by
Name FRANK MEYER
Date 10-22-2019
Signature *[Signature]*

Safety valve inspection report

Certificate nr	471	Job no.	LV-4433-SO
Date	10-21-2019	Client	Kirby

Valve data

Set pressure (cold)	265 psi	Size	6xCx8
Tag. No.		Rating	150x300
Serial No.	TJ50964	Nozzle / Orifice	C
Manufacturer	Consolidated	Fluid	Air
Type / Model	1910C	Barge #	K16813

Test data

Set pressure test

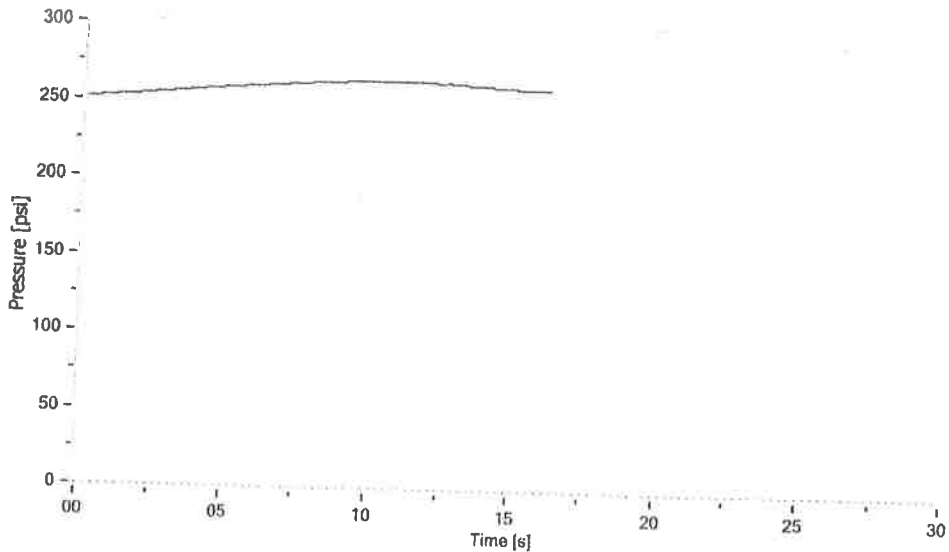
Found set pressure	264 psi
Reseat pressure (indication)	260 psi
Result	Passed
Test method	Air

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 10-22-19

Signature

Inspected by

Name FRANK Meyer

Date 10-22-2019

Signature

Safety valve inspection report

Certificate nr 472
Date 10-21-2019

Job no. LV-4433-SO
Client Kirby

Valve data

Set pressure (cold) 480 psi
Tag. No.
Serial No. TA63539-3
Manufacturer Consolidated
Type / Model 1910HC

Size 2XHx3
Rating 300x150
Nozzle / Orifice H
Fluid Air
Barge # K16813

Test data

Set pressure test

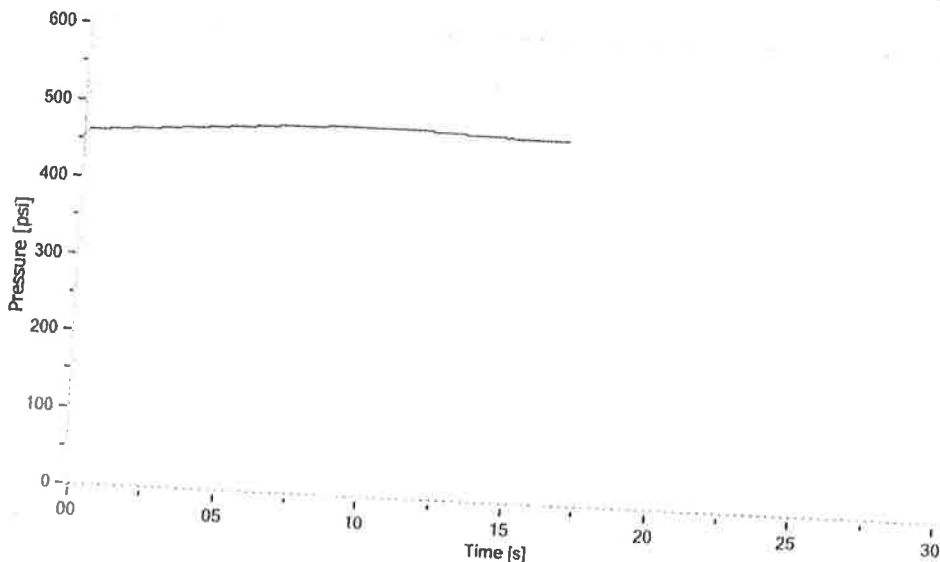
Found set pressure 479 psi
Reseat pressure (indication) 473 psi
Result Passed
Test method Air

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 451 psi
Result Passed

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by
Name Javier Gutierrez
Date 10-22-19
Signature *[Signature]*

Inspected by
Name FRANK MEYER
Date 10-22-2019
Signature *[Signature]*

Safety valve inspection report

Certificate nr 473
Date 10-21-2019

Job no. LV-4433-SO
Client Kirby

Valve data

Set pressure (cold) 480 psi
Tag. No.
Serial No. TB73285-2
Manufacturer Consolidated
Type / Model 1910HC

Size 2xHx3
Rating 300x150
Nozzle / Orifice H
Fluid Air
Barge # K16813

Test data

Set pressure test

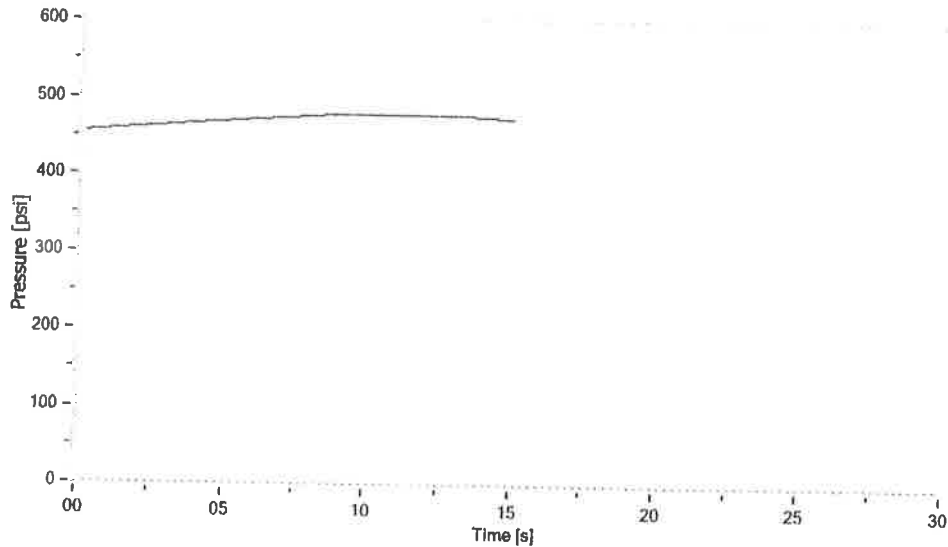
Found set pressure 480 psi
Reseat pressure (indication) 475 psi
Result Passed
Test method Air

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 439 psi
Result Passed

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by
Name Javier Gutierrez
Date 10-22-19
Signature *Javier Gutierrez*

Inspected by
Name Frank Meyer
Date 10-22-2019
Signature *Frank Meyer*

Safety valve inspection report

Certificate nr 475
Date 10-21-2019

Job no. LV-4433-50
Client Kirby

Valve data

Set pressure (cold) 480 psi
Tag. No.
Serial No. TY77819-1
Manufacturer Consolidated
Type / Model 1910HC

Size 2xHx3
Rating 300x150
Nozzle / Orifice H
Fluid Air
Barge # K16813

Test data

Set pressure test

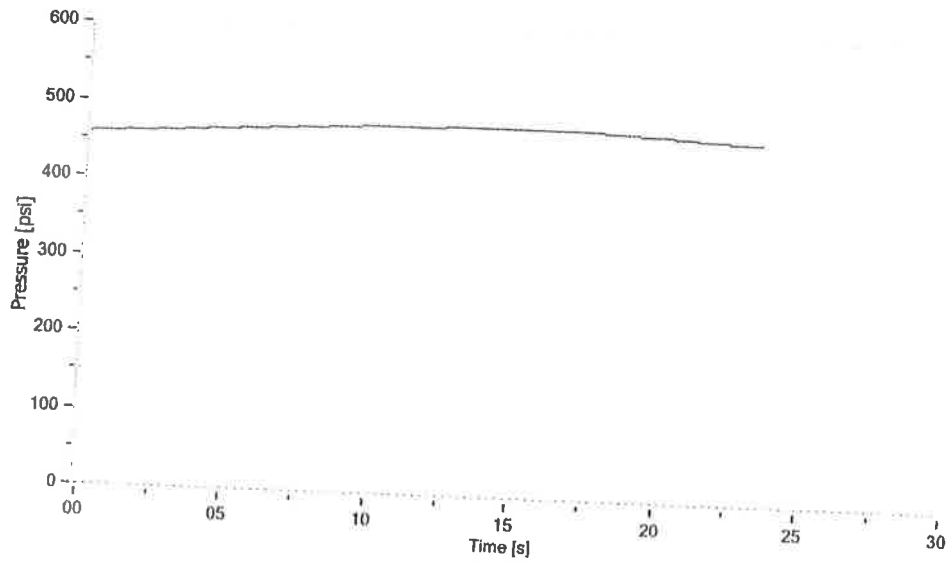
Found set pressure 479 psi
Reseat pressure (indication) 469 psi
Result Passed
Test method Air

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 452 psi
Result Passed

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by
Name Javier Gutierrez
Date 10-22-19
Signature *[Signature]*

Inspected by
Name FRANK meyer
Date 10-22-2019
Signature *[Signature]*

Safety valve inspection report

Certificate nr 468
Date 10-21-2019
Job no. LV-4433-SO
Client Kirby

Valve data

Set pressure (cold)	265 psi	Size	6xCx8
Tag. No.		Rating	150x300
Serial No.	TA11293	Nozzle / Orifice	C
Manufacturer	Consolidated	Fluid	Air
Type / Model	1910C	Barge #	K16813

Test data

Set pressure test

Found set pressure 263 psi
Reseat pressure (indication) 261 psi
Result Passed
Test method Air

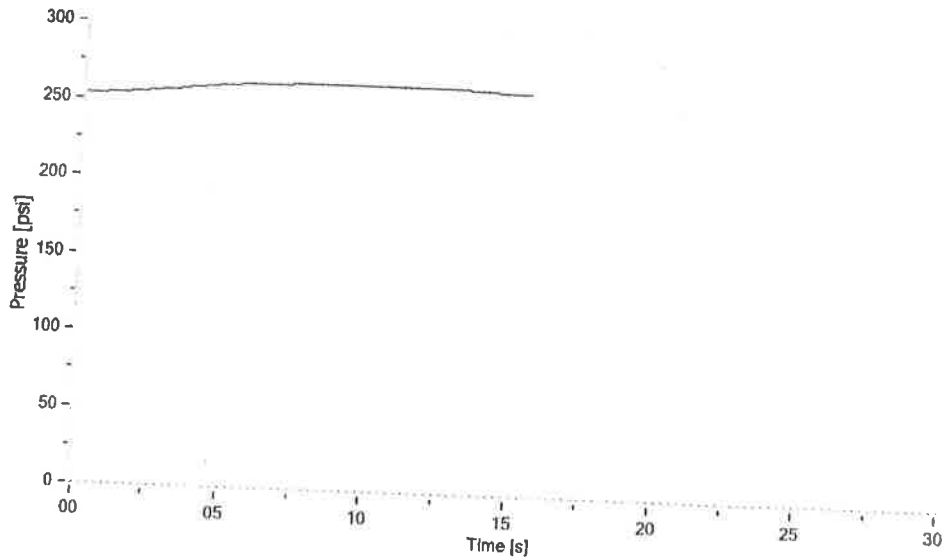
Seat tightness test

Leakage 0 bubbles/min.
Test pressure 259 psi
Result Passed

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed

Law Valve of Texas



Tested by
Name Javier Gutierrez

Date 10-22-19

Signature *Javier Gutierrez*

Inspected by *Frank Meyer*

Name Frank Meyer

Date 10-22-2019

Signature

Safety valve inspection report

Certificate nr 470
Date 10-21-2019

Job no. LV-4433-SO
Client Kirby

Valve data

Set pressure (cold) 265 psi
Tag. No.
Serial No. TC6442
Manufacturer Consolidated
Type / Model 1910C

Size 6xCx8
Rating 150x300
Nozzle / Orifice C
Fluid Air
Barge # K16813

Test data

Set pressure test

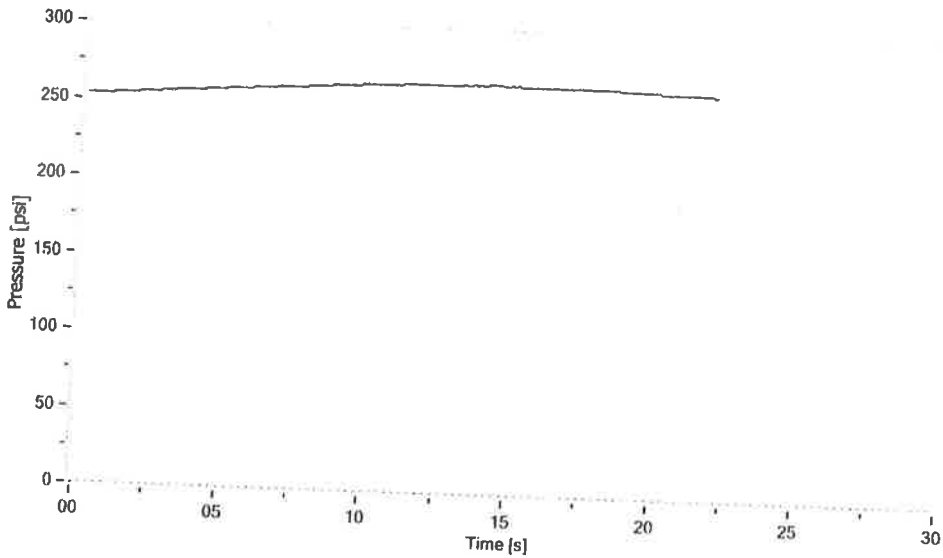
Found set pressure 266 psi
Reseat pressure (indication) 263 psi
Result Passed
Test method Air

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 251 psi
Result Passed

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by
Name Javier Gutierrez

Date 10-22-19
Signature *[Handwritten Signature]*

Inspected by
Name FRANK MEYER

Date 10-22-2019
Signature *[Handwritten Signature]*

Safety valve inspection report

Certificate nr 474
Date 10-21-2019

Job no. LV-4433-SO
Client Kirby

Valve data

Set pressure (cold) 265 psi
Tag. No.
Serial No. TE92129
Manufacturer Consolidated
Type / Model 1910C

Size 6xCx8
Rating 150x300
Nozzle / Orifice C
Fluid Air
Barge # K16813

Test data

Set pressure test

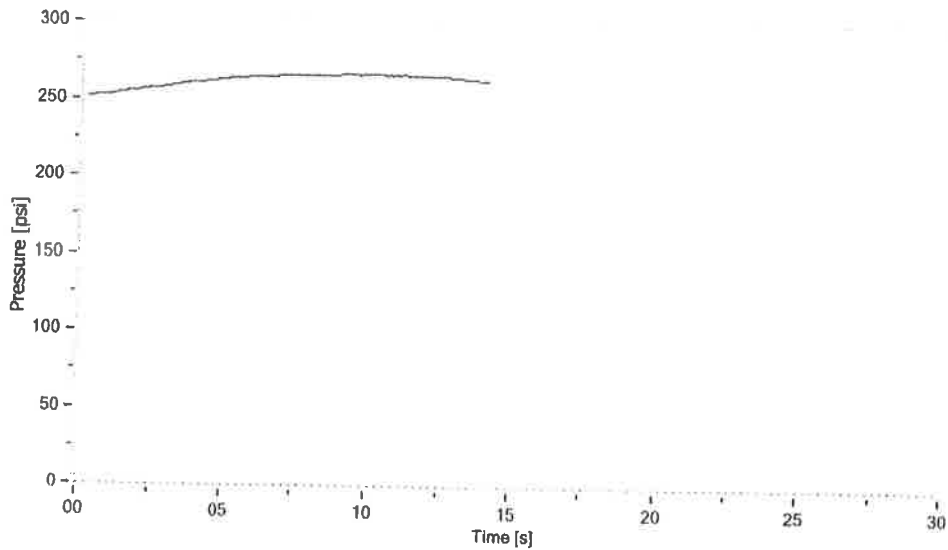
Found set pressure 267 psi
Reseat pressure (indication) 263 psi
Result Passed
Test method Air

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 249 psi
Result Passed

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by
Name Javier Gutierrez
Date 10-22-19
Signature *Javier Gutierrez*

Inspected by
Name FRANK MEYER
Date 10-22-2019
Signature *Frank Meyer*

Safety valve inspection report

Certificate nr 467
Date 10-21-2019

Job no. LV-4433-S0
Client Kirby

Valve data

Set pressure (cold) 265 psi
Tag. No.
Serial No. TE92150
Manufacturer Consolidated
Type / Model 1910C

Size 6xCx8
Rating 150x300
Nozzle / Orifice C
Fluid
Barge # K16813

Test data

Set pressure test

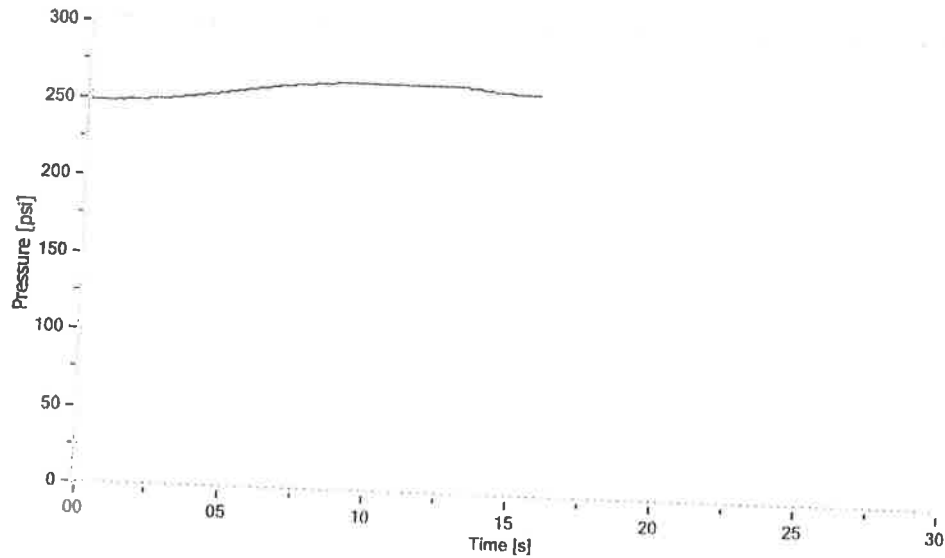
Found set pressure 265 psi
Reseat pressure (indication) 260 psi
Result Passed
Test method Air

Seat tightness test

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

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by

Name Javier Gutierrez

Date 10-22-19

Signature *[Handwritten Signature]*

Inspected by

Name Frank Meyer

Date 10-22-2019

Signature *[Handwritten Signature]*