



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

Certification Date: 27 May 2020  
Expiration Date: 27 May 2021

# 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 15801	1030652			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
HOUSTON, TX	Steel		None
UNITED STATES			

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
MORGAN CITY, LA	30Jun1995		R-1222	R-1222		R-205.0
			I-	I-		I-0

Owner	Operator
KIRBY INLAND MARINE, LP 55 WAUGH DRIVE SUITE 1000 HOUSTON, TX 77007 UNITED STATES	KIRBY INLAND MARINE, LP 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 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.

\*\*\*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: <i>J.J. Andrew</i> CDR <b>J.J. ANDREW, CDR, USCG, By direction</b> Officer in Charge, Marine Inspection <b>Marine Safety Unit Port Arthur</b> Inspection Zone
Date	Zone	A/P/R	Signature	



# Temporary Certificate of Inspection

Vessel Name: KIRBY 15801

This tank barge is participating in the Eighth and Ninth Coast Guard District's Tank Barge Streamlined 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	18May2025	18May2015	25Apr2005
Internal Structure	27May2025	27May2020	18May2015

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

Authorization: LFG AND SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
15160	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)
P,C,S (PPL)	415	4.300
P,C,S (BUT)	477	4.800
P,C,S (BTN)	504	5.000
P,C,S (BDI)	530	5.2
P,C,S (PRP)	424	4.4

### \*Conditions Of Carriage\*

### \*Loading Constraints - Stability\*

Hull Type	Max Load (S/T)	Max Draft (ft/in)	Max Density (lbs/gal)	Route
II&III	1694	9'4"	5.3	LBS, R, LC (0-12)
(BTN)	1512	9'4"	5.0	LBS, R, LC (0-12)
(BUT)	1431	9'4"	4.8	LBS, R, LC (0-12)
(PPL)	1245	9'4"	4.8	LBS, R, LC (0-12)
(BDI)	1590	9'4"	5.2	LBS, R, LC (0-12)
(PRP)	1280	9'4"	4.4	LBS, R, LC (0-12)

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN95003423, dated 20MAR01, may be carried and then only in the tanks indicated.

Inspected and approved for the carriage of specified liquefied flammable gasses at a pressure not to exceed 275 PSIG relief valve setting and at temperatures 0-115 degrees F.

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

### \*Stability and Trim\*

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.





# Temporary Certificate of Inspection

Vessel Name: KIRBY 15801

### --- Inspection Status ---

#### \*Cargo Tanks\*

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
P,C,S (PPL)	25Apr2005	18May2015	18May2025	29Jun2017	27May2020	27May2025
P,C,S (BUT)	25Apr2005	18May2015	18May2025	29Jun2017	27May2020	27May2025
P,C,S (BTN)	25Apr2005	18May2015	18May2025	29Jun2017	27May2020	27May2025
P,C,S (BDI)	25Apr2005	18May2015	18May2025	29Jun2017	27May2020	27May2025
P,C,S (PRP)	25Apr2005	18May2015	18May2025	29Jun2017	27May2020	27May2025

#### Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
P,C,S (PPL)	27May2020	-	-	-
P,C,S (BUT)	27May2020	-	-	-
P,C,S (BTN)	27May2020	-	-	-
P,C,S (BDI)	27May2020	-	-	-
P,C,S (PRP)	27May2020	-	-	-

### ---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 15801  
Official #: D1030652

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Shipyard: MCDERMOTT INCORP  
Hull #: 331

### 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

Butadiene	BDI	30	N	LFG	II		50-70(a), 50-73
Butylene	BTN	30	N	LFG			
Butane	BUT	31	N	LFG			
Propylene	PPL	30	N	LFG			
Propane	PRP	31	N	LFG			

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

##### Cargo Identificatio

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.
Compatability 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 Carriag

Note	See Certificate of Inspection for explanation of symbols used in this column.
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# Safety valve inspection report

Certificate nr 1146  
Date 05-18-2020

Job no. LV-5985-SO  
Client Kirby

## Valve data

Set pressure (cold)	275 psi	Size	6x8
Tag. No.		Rating	300x150
Serial No.	04AP04943	Nozzle / Orifice	Q
Manufacturer	Lonergan	Fluid	Air
Type / Model	D30QS120	Charge #	KIRBY 15801

## Test data

### Set pressure test

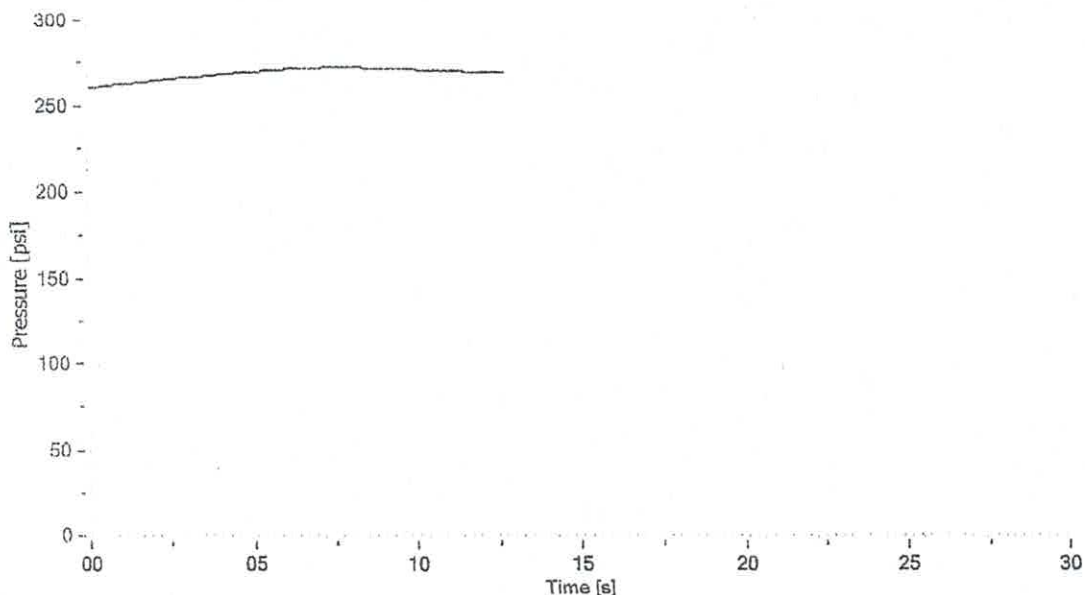
Found set pressure 273 psi  
Reseat pressure (indication) 269 psi  
Result Passed  
Test method 30psi

### Seat tightness test

Leakage 0 bubbles/min.  
Test pressure 253 psi  
Result Passed

### Manual Back Pressure test

BP Pressure Passed  
BP Result Passed



Tested by  
Name  
Date  
Signature

David Theiler  
05-18-2020  
*[Signature]*

Inspected by

Name *FRANK MEYER*  
Date *5-18-2020*  
Signature *Frank Meyer*

# Safety valve inspection report

Certificate nr 1147  
Date 05-18-2020

Job no. LV-5985-SO  
Client Kirby

## Valve data

Set pressure (cold) 275 psi  
Tag. No.  
Serial No. 04AP05027  
Manufacturer Lonergran  
Type / Model D30QS120

Size 6x8  
Rating 300x150  
Nozzle / Orifice Q  
Fluid Air  
Barge # KIRBY 15801

## Test data

### Set pressure test

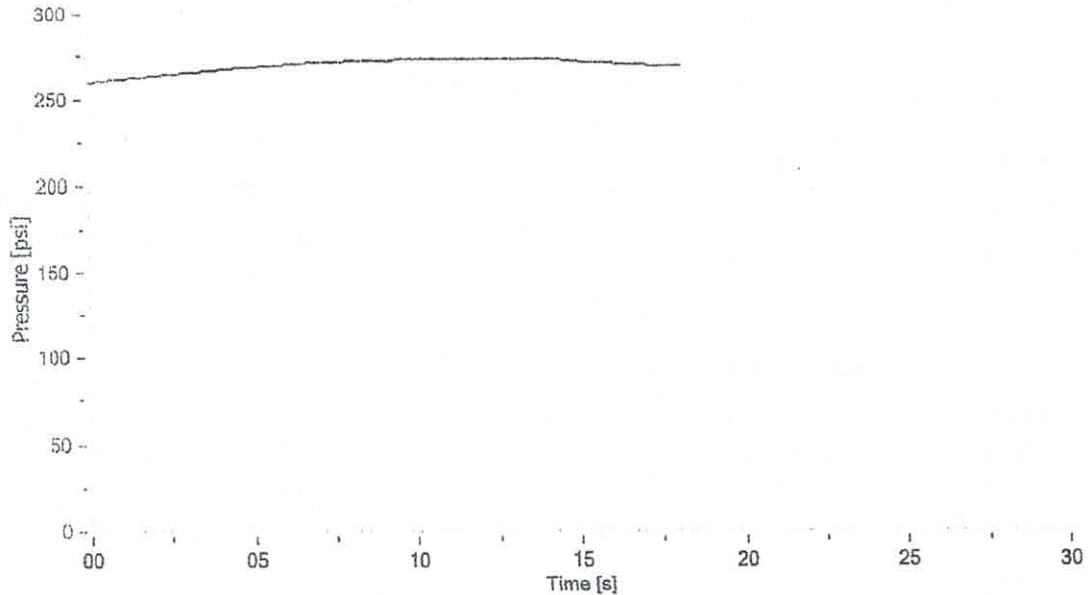
Found set pressure 274 psi  
Reseat pressure (indication) 269 psi  
Result Passed  
Test method Air

### Seat tightness test

Leakage 0 bubbles/min.  
Test pressure 252 psi  
Result Passed

### Manual Back Pressure test

BP Pressure 30psi  
BP Result Passed



Tested by  
Name David Theller  
Date 5-18-2020  
Signature *[Signature]*

Inspected by  
Name *FRANK MEYER*  
Date 5-18-2020  
Signature *Frank Meyer*

# Safety valve inspection report

Certificate nr 1148  
Date 05-18-2020

Job no. LV-5985-SO  
Client Kirby

## Valve data

Set pressure (cold) 275 psi  
Tag. No.  
Serial No. 04AP05024  
Manufacturer Lonergan  
Type / Model D30QS120

Size 6x8  
Rating 300x150  
Nozzle / Orifice Q  
Fluid Air  
Barge # KIRBY 15801

## Test data

### Set pressure test

Found set pressure 275 psi  
Reseat pressure (indication) 271 psi  
Result Passed  
Test method Air

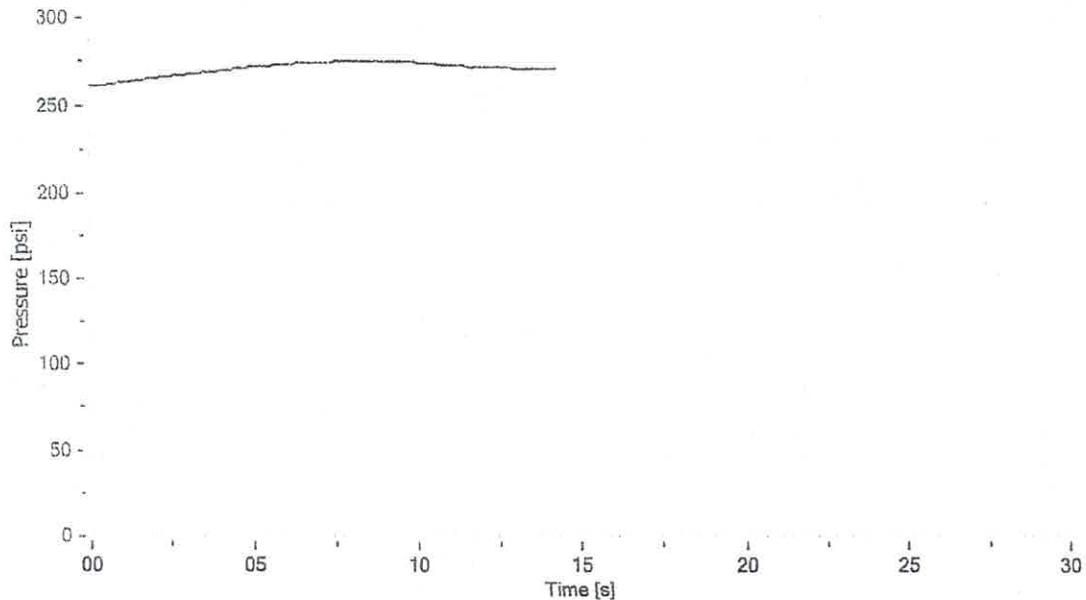
### Seat tightness test

Leakage 0 bubbles/min.  
Test pressure 253 psi  
Result Passed

### Manual Back Pressure test

BP Pressure 30psi  
BP Result Passed

**Law Valve of Texas**



Tested by  
Name  
Date  
Signature

David Theiler  
05-18-2020  
*[Signature]*

Inspected by

Name FRANK MEYER  
Date 5-18-2020  
Signature *[Signature]*

# Safety valve inspection report

Certificate nr 1154  
Date 05-19-2020

Job no. LV-5985-SO  
Client Kirby

## Valve data

Set pressure (cold) 480 psi  
Tag. No.  
Serial No. D201012-14  
Manufacturer Aquatrol  
Type / Model 742DG1V2K1

Size 1"x1"  
Rating  
Nozzle / Orifice 3/4"  
Fluid Air  
Barge # KIRBY 15801

## Test data

### Set pressure test

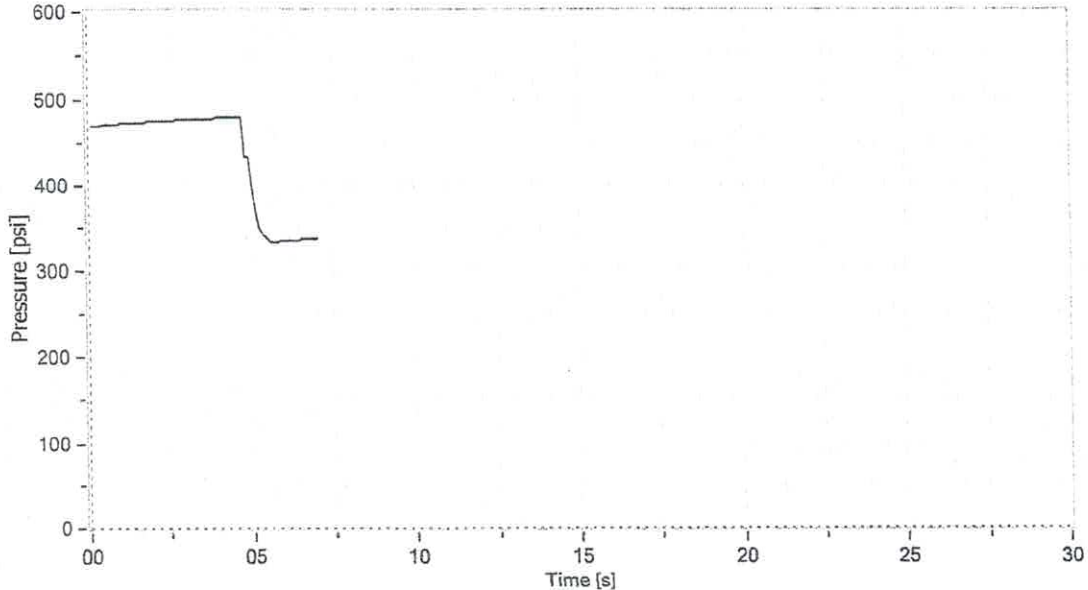
Found set pressure 480 psi  
Reseat pressure (indication) 336 psi  
Result Passed  
Test method

### Seat tightness test

Leakage -  
Test pressure -  
Result -

### Manual Back Pressure test

BP Pressure  
BP Result



Tested by  
Name  
Date  
Signature

David Theiler  
5-19-2020



Inspected by

Name Hope Borders  
Date 5/19/2020  
Signature Hope Borders



# Safety valve inspection report

Certificate nr 1152  
Date 05-19-2020

Job no. LV-5985-SO  
Client Kirby

## Valve data

Set pressure (cold)	480 psi	Size	1"x1"
Tag. No.		Rating	
Serial No.	D201012-5	Nozzle / Orifice	3/4"
Manufacturer	Aquatrol	Fluid	Air
Type / Model	742DG1V2K1	Barge #	KIRBY 15801

## Test data

### Set pressure test

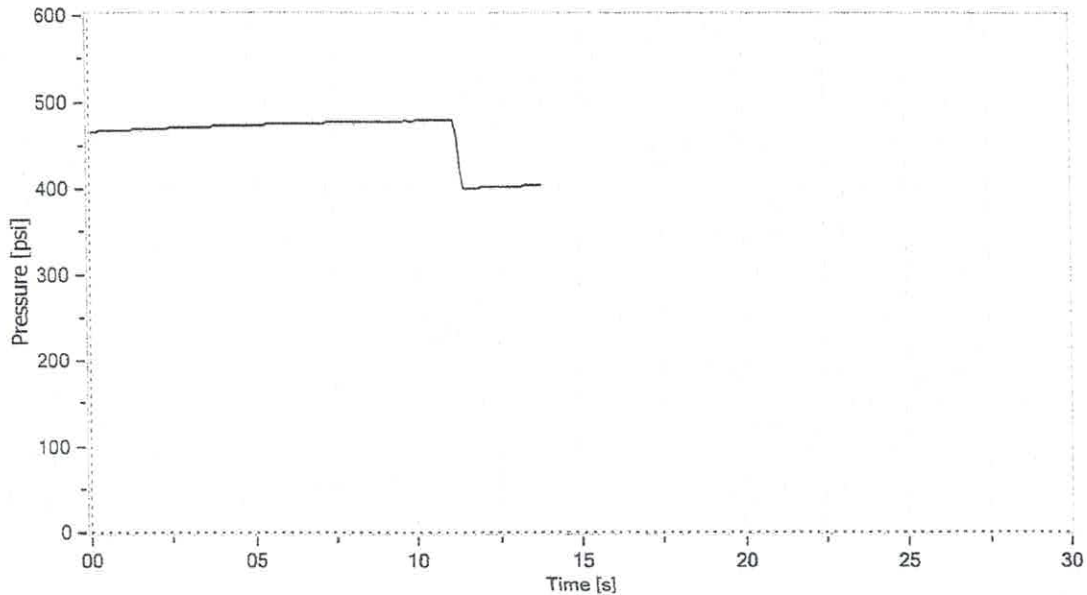
Found set pressure 479 psi  
Reseat pressure (indication) 403 psi  
Result Passed  
Test method

### Seat tightness test

Leakage -  
Test pressure -  
Result -

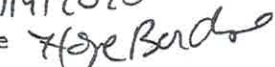
### Manual Back Pressure test

BP Pressure  
BP Result



Tested by  
Name  
Date  
Signature

David Theiler  
5-19-2020  


Inspected by  
Name Hope Borders  
Date 5/19/2020  
Signature 

# Safety valve inspection report

Certificate nr 1153  
Date 05-19-2020

Job no. LV-5985-SO  
Client Kirby

## Valve data

Set pressure (cold) 480 psi  
Tag, No.  
Serial No. H191074-31  
Manufacturer Aquatrol  
Type / Model 742DG1V2K1

Size 1"x1"  
Rating  
Nozzle / Orifice 3/4"  
Fluid Air  
Barge # KIRBY 15801

## Test data

### Set pressure test

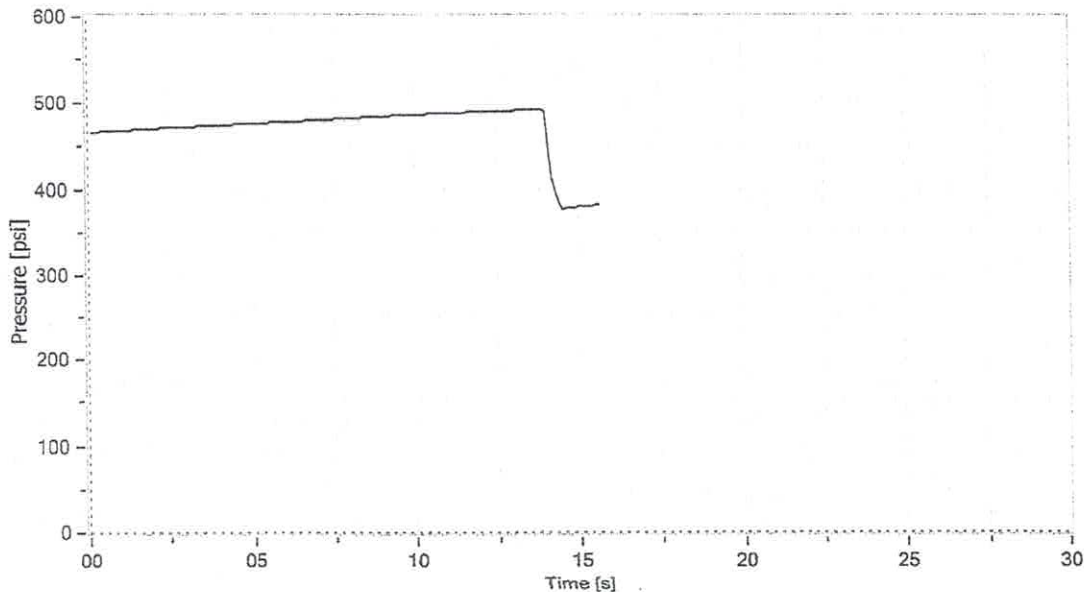
Found set pressure 490 psi  
Reseat pressure (indication) 381 psi  
Result Passed  
Test method

### Seat tightness test

Leakage -  
Test pressure -  
Result -

### Manual Back Pressure test

BP Pressure  
BP Result



Tested by  
Name  
Date  
Signature

David Theiler  
5-19-2020  
*[Signature]*

Inspected by

Name Hope Borders  
Date 5/19/2020  
Signature *[Signature]*