



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

Certification Date: 03 Sep 2020
Expiration Date: 03 Sep 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 17800	607889			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
TAMPA, FL	01Jan1979		R-2084	R-2084		R-240.0
UNITED STATES			-	-		-0

Owner	Operator
KIRBY INLAND MARINE LP 55 WAUGH DR STE 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, 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 Coast Guard District's Tank Barge Streamlined Inspection Program

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



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Vessel Name: KIRBY 17800

(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.

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	30Sep2030	03Sep2020	12Oct2010
Internal Structure	30Sep2025	03Sep2020	04Sep2015

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

Authorization: LIQUEFIED FLAMMABLE GAS AND SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
17308	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)
P/C/S (PPL)	475	4.30
/C/S (BDI)	512	5.20

Conditions Of Carriage

Loading Constraints - Stability

Hull Type	Max Load (S/T)	Max Draft (ft/in)	Max Density (lbs/gal)	Route
II (BDI)	1789	8'4"	5.2	LBS, R, LC (0-12)
II (PPL)	1425	7'5"	4.3	LBS, R, LC (0-12)

Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN80014206, dated 14JUN01 may be carried. The specified hazardous cargoes may be carried only in the tanks indicated.

Inspected and approved for the carriage of Liquefied Flammable gases at a pressure not to exceed 260 PSIG and at a temperature no less than ambient.

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
P/C/S (PPL)	19Jun2015	03Sep2020	30Sep2030	14Sep2015	03Sep2020	30Sep2025
/C/S (BDI)	19Jun2015	03Sep2020	30Sep2030	14Sep2015	03Sep2020	30Sep2025
			Hydro Test			
Tank Id	Safety Valves		Previous	Last	Next	
P/C/S (PPL)	03Sep2020		-	-	-	



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P/C/S (BDI)

03Sep2020

---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 17800
Official #: D607889

Page 1 of 1

Shipyard: MISNER INDUSTRIES I
Hull #: 115

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'l's of Construction
		Group No	Exc				

Authorized Subchapter O Cargoes

Butadiene	BDI	30	N	LFG	II		.50-70(a), .50-73
Propylene	PPL	30	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 1404
Date 08-13-2020

Job no. LV-6296-SO
Client Kirby Inland Marine

Valve data

Set pressure (cold) 265 psi
Tag. No.
Serial No. TD52794
Manufacturer Consolidated
Type / Model 1910Q

Size 6x8
Rating 300xQx150
Nozzle / Orifice Q
Fluid Air
Barge # KIRBY 17800

Test data

Set pressure test

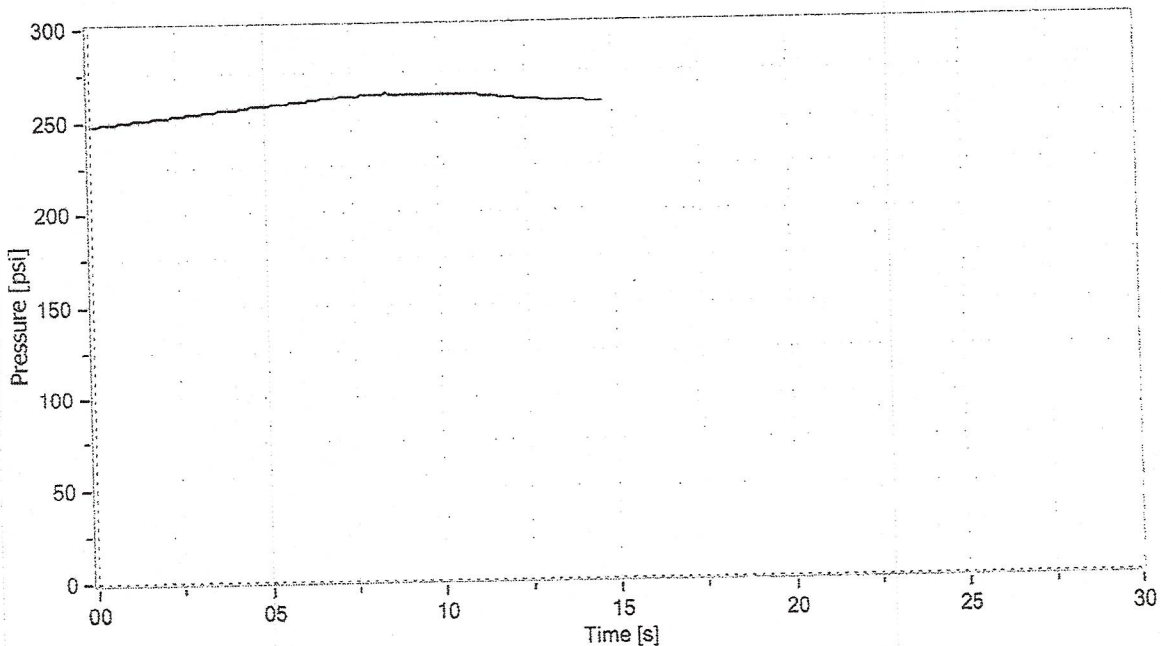
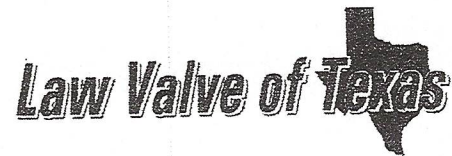
Found set pressure 264 psi
Reseat pressure (indication) 259 psi
Result Passed
Test method Air

Seat tightness test


Leakage 0 bubbles/min.
Test pressure 245 psi
Result Passed

Manual Back Pressure test

BP Pressure 30psi
BP Result Passed



Tested by
Name David Theiler
Date 8-13-2020
Signature 

Inspected by
Name FRANK MEYER
Date 8-13-2020
Signature 

Safety valve inspection report

Certificate nr 1403
Date 08-13-2020

Job no. LV-6296-SO
Client Kirby Inland Marine

Valve data

Set pressure (cold) 265 psi
Tag. No.
Serial No. 8001383
Manufacturer Consolidated
Type / Model 1910Q

Size 6x8
Rating 300xQx150
Nozzle / Orifice Q
Fluid Air
Barge # KIRBY 17800

Test data

Set pressure test

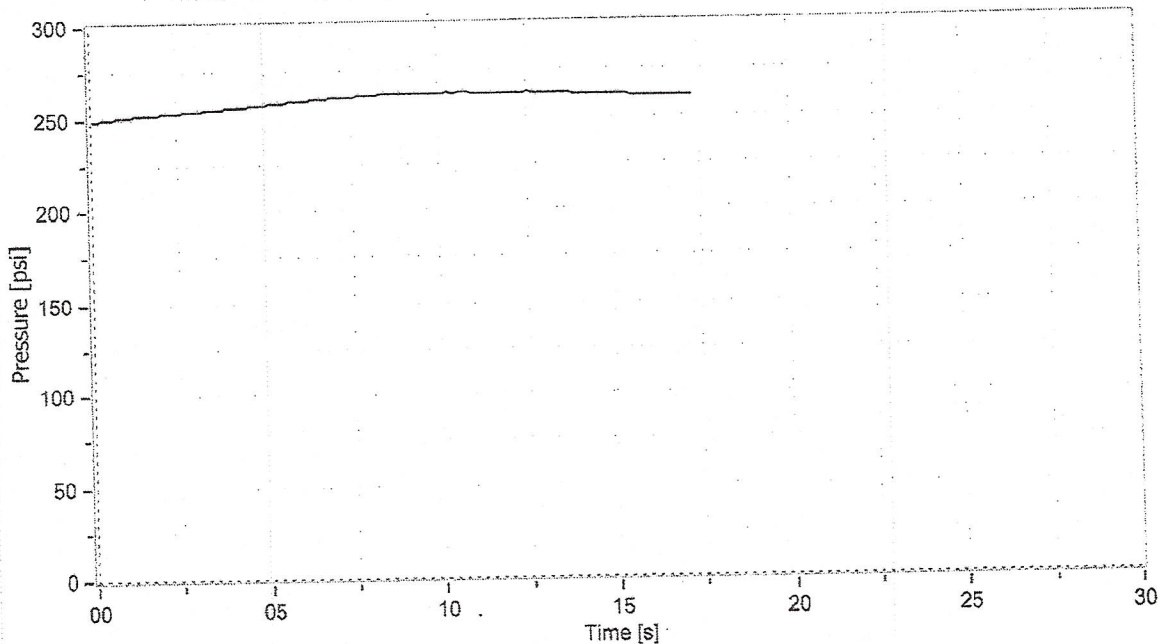
Found set pressure 263 psi
Reseat pressure (indication) 260 psi
Result Passed
Test method Air

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 243 psi
Result Passed

Manual Back Pressure test

BP Pressure 30psi
BP Result Passed



Tested by
Name
Date
Signature

David Theiler
8-13-2020
[Signature]

Inspected by

Name *FRANK MEYER*
Date *8-13-2020*
Signature *Frank Meyer*

Safety valve inspection report

Certificate nr	1402	Job no.	LV-6296-S0
Date	08-13-2020	Client	Kirby Inland Marine

Valve data

Set pressure (cold)	265 psi	Size	6x8
Tag. No.		Rating	300xQx150
Serial No.	TD88585	Nozzle / Orifice	Q
Manufacturer	Consolidated	Fluid	Air
Type / Model	1910Q	Barge #	KIRBY 17800

Test data

Set pressure test

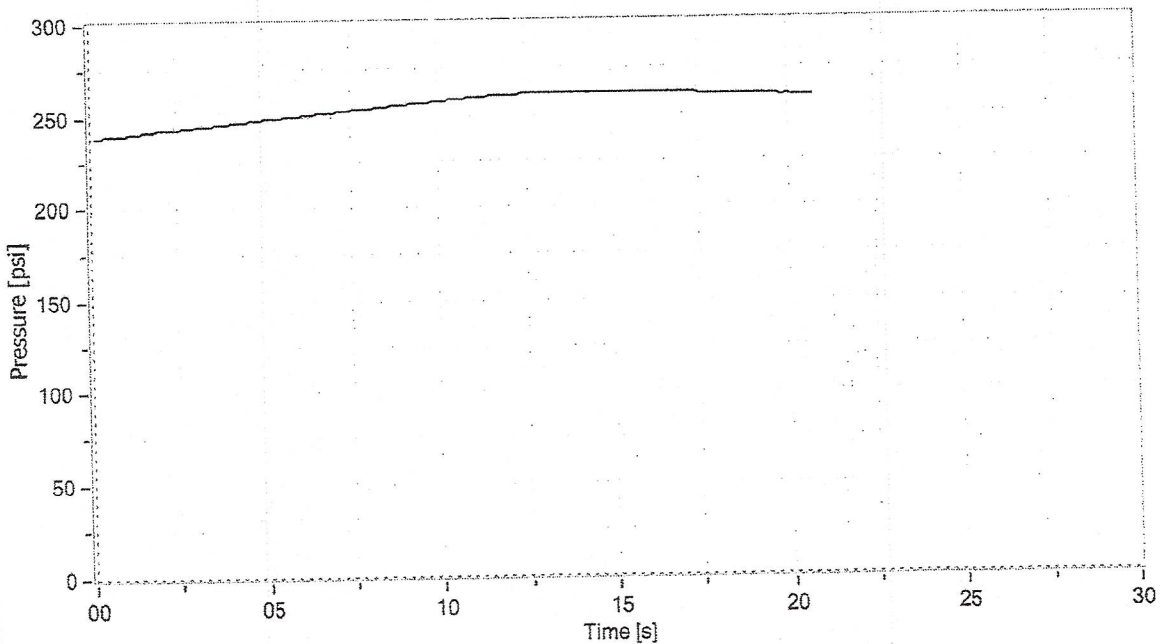
Found set pressure	262 psi
Reseat pressure (indication)	260 psi
Result	Passed
Test method	Air

Seat tightness test

Leakage	0 bubbles/min.
Test pressure	245 psi
Result	Passed

Manual Back Pressure test

BP Pressure	30psi
BP Result	Passed



Tested by
Name
Date
Signature

David Theiler

8-13-2020

Inspected by

Name Frank Meyer

Date 8-13-2020

Signature

Law Valve of Texas

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

LVT Sales Order LV-6296-SO

Barge Name KIRBY 17800

Shop Order & Test Report

Customer: Kirby Inland Marine Order # CW 677713

Make Aquatrol Size 1" x 1" Model # 742DG1V2K1

Serial # B201048-3 Inlet 1" mnpt Outlet 1" fnpt

Construction: Conventional RV Cap: Plain

Set Pressure: 480 psi pressure

Tag: Orifice:

Work Required: Test Only Test Air

Condition Received: Good

General Condition Pre-repair

Inlet	Good Cond.	Spring	Good Cond.
Seats	Good Cond.	Work	ST
Guide	Good Cond.	Repairs	
Outlet	Good Cond.		

Parts replaced and other work:

Final Test Report

Date 8/17/2020

Set Pressure 480 psi pressure

Nozzle Ring Setting

Back Pressure

Tested By: *[Signature]*

Witnessed By: *[Signature]*

U.S. Coast Guard Witness

Law Valve of Texas

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

LVT Sales Order LV-6296-SO
Barge Name KIRBY 17800

Shop Order & Test Report

Customer: Kirby Inland Marine Order # CW 677713

Make Aquatrol Size 1" x 1" Model # 742DG1V2K1

Serial # G201014-3 Inlet 1" mnpt Outlet 1" fnpt

Construction: Conventional RV Cap: Plain

Set Pressure: 480 psi pressure

Tag: _____ Orifice: _____

Work Required: Test Only Test Air

Condition Received: Good

General Condition Pre-repair

Inlet	<u>Good Cond.</u>	Spring	<u>Good Cond.</u>
Seats	<u>Good Cond.</u>	Work	<u>ST</u>
Guide	<u>Good Cond.</u>	Repairs	_____
Outlet	<u>Good Cond.</u>		

Parts replaced and other work: _____

Final Test Report

Date 8/17/2020
Set Pressure 480 psi pressure
Nozzle Ring Setting _____
Back Pressure _____
Tested By: [Signature]

Witnessed By: [Signature]

U.S. Coast Guard Witness _____

Law Valve of Texas

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

LVT Sales Order LV-6296-SO
Barge Name KIRBY 17800

Shop Order & Test Report

Customer: Kirby Inland Marine Order # CW 677713

Make Aquatrol Size 1" x 1" Model # 742DG1V2K1

Serial # G201014-1 Inlet 1" mnpt Outlet 1" fnpt

Constrution: Conventional RV Cap: Plain

Set Pressure: 480 psi pressure

Tag: _____ Orifice: _____

Work Required: Test Only Test Air

Condition Received: Good

General Condition Pre-repair

Inlet	<u>Good Cond.</u>	Spring	<u>Good Cond.</u>
Seats	<u>Good Cond.</u>	Work	<u>ST</u>
Guide	<u>Good Cond.</u>	Repairs	_____
Outlet	<u>Good Cond.</u>		

Parts replaced and other work: _____

Final Test Report

Date 8/17/2020
Set Pressure 480 psi pressure
Nozzle Ring Setting _____
Back Pressure _____
Tested By: [Signature]

Witnessed By: [Signature]

U.S. Coast Guard Witness _____

Law Valve of Texas

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

LVT Sales Order LV-6296-SO
Barge Name KIRBY 17800

Shop Order & Test Report

Customer: Kirby Inland Marine Order # CW 677713

Make Aquatrol Size 1" x 1" Model # 742DG1V2K1

Serial # G201014-6 Inlet 1" mnpt Outlet 1" fnpt

Construction: Conventional RV Cap: Plain

Set Pressure: 480 psi pressure

Tag: _____ Orifice: _____

Work Required: Test Only Test Air

Condition Received: Good

General Condition Pre-repair

Inlet	<u>Good Cond.</u>	Spring	<u>Good Cond.</u>
Seats	<u>Good Cond.</u>	Work	<u>ST</u>
Guide	<u>Good Cond.</u>	Repairs	_____
Outlet	<u>Good Cond.</u>		

Parts replaced and other work: _____

Final Test Report

Date 8/17/2020
Set Pressure 480 psi pressure
Nozzle Ring Setting _____
Back Pressure _____
Tested By: [Signature]

Witnessed By: [Signature]

U.S. Coast Guard Witness _____

Law Valve of Texas

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

LVT Sales Order LV-6296-SO
Barge Name KIRBY 17800

Shop Order & Test Report

Customer: Kirby Inland Marine Order # CW 677713

Make Aquatrol Size 1" x 1" Model # 742DG1V2K1

Serial # B201048-9 Inlet 1" mnpt Outlet 1" fnpt

Construction: Conventional RV Cap: Plain

Set Pressure: 480 psi pressure

Tag: Orifice:

Work Required: Test Only Test Air

Condition Received: Good

General Condition Pre-repair

Inlet	Good Cond.	Spring	Good Cond.
Seats	Good Cond.	Work	ST
Guide	Good Cond.	Repairs	
Outlet	Good Cond.		

Parts replaced and other work:

Final Test Report

Date 8/17/2020
Set Pressure 480 psi pressure
Nozzle Ring Setting
Back Pressure
Tested By: *[Signature]*

Witnessed By: *[Signature]*

U.S. Coast Guard Witness

Law Valve of Texas

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

LVT Sales Order LV-6296-SO
Barge Name KIRBY 17800

Shop Order & Test Report

Customer: Kirby Inland Marine Order # CW 677713

Make Aquatrol Size 1" x 1" Model # 742DG1V2K1

Serial # G201014-2 Inlet 1" mnpt Outlet 1" fnpt

Construction: Conventional RV Cap: Plain

Set Pressure: 480 psi pressure

Tag: Orifice:

Work Required: Test Only Test Air


Condition Received: Good

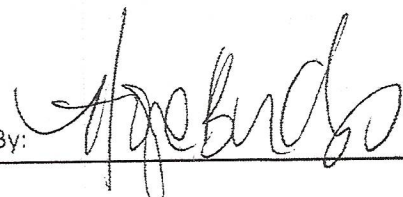
General Condition Pre-repair

Inlet	Good Cond.	Spring	Good Cond.
Seats	Good Cond.	Work	ST
Guide	Good Cond.	Repairs	
Outlet	Good Cond.		

Parts replaced and other work:

Final Test Report

Date 8/17/2020
Set Pressure 480 psi pressure
Nozzle Ring Setting
Back Pressure
Tested By: 

Witnessed By: 

U.S. Coast Guard Witness

Law Valve of Texas

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

LVT Sales Order LV-6296-SO
Barge Name KIRBY 17800

Shop Order & Test Report

Customer:	Kirby Inland Marine	Order #	CW 677713		
Make	Aquatrol	Size	1" x 1"	Model #	742DG1V2K1
Serial #	B201048-7	Inlet	1" mnpt	Outlet	1" fnpt
Construction:	Conventional RV	Cap:	Plain		
Set Pressure:	480 psi pressure				
Tag:		Orifice:			
Work Required:	Test Only	Test Air			
Condition Received:	Good				

General Condition Pre-repair

Inlet	Good Cond.	Spring	Good Cond.
Seats	Good Cond.	Work	ST
Guide	Good Cond.	Repairs	
Outlet	Good Cond.		

Parts replaced and other work: _____

Final Test Report

Date 8/17/2020
Set Pressure 480 psi pressure
Nozzle Ring Setting _____
Back Pressure _____
Tested By: *[Signature]*

Witnessed By: *[Signature]*

U.S. Coast Guard Witness _____