



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

Certification Date: 28 Apr 2023
Expiration Date: 28 Apr 2024

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 14829 | 599971 | | | Tank Barge |

| | | | |
|--------------|---------------|------------|------------|
| Hailing Port | Hull Material | Horsepower | Propulsion |
| | Steel | | Unknown |

| | | | | | | |
|--------------------|---------------|----------------|------------|----------|-----|---------|
| Place Built | Delivery Date | Keel Laid Date | Gross Tons | Net Tons | DWT | Length |
| TELL CITY, INDIANA | 01Jan1978 | | R-908 | R-908 | | R-192.8 |
| | | | 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 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 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 & Ninth 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: K. A. Hanta, 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 14829

---Hull Exams---

| Exam Type | Next Exam | Last Exam | Prior Exam |
|--------------------|-----------|-----------|------------|
| DryDock | 30Apr2033 | 28Apr2023 | 21Aug2012 |
| Internal Structure | 30Apr2028 | 28Apr2023 | 02Mar2017 |

--- 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 |
|----------------|---------|--------------------|-------------------|-------------------|-------------------|
| 14286 | 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/S (BTN) | 700 | 4.997 |

Loading Constraints - Stability

| Hull Type | Maximum Load (short tons) | Maximum Draft (ft/in) | Max Density (lbs/gal) | Route Description |
|-----------|---------------------------|-----------------------|-----------------------|-------------------|
| II | 1401 | 8ft 6in | 4.997 | R, LBS |

Conditions Of Carriage

Loading Constraints Stability

| Hull Type | Max Load | Max Draft | Max Density | Route |
|-----------|----------|-----------|-------------|--------|
| II (BTN) | 1401 | 8' 6" | 4.997 | R, LBS |

Inspected and approved for the carriage of liquified flammable gases (LFGs) at a pressure not to exceed 250 psi and at temperatures not less than ambient. Those LFGs that have been authorized for carriage are identified by their CHRIS Code in the Loading Constraints below.

Mixtures of the Subchapter D liquified flammable gas cargoes listed below 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 liquified gas cargoes not specified below must be approved by the Marine Safety Center prior to being authorized for carriage.

Per 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.

The max tank weights listed below reflect uniform (within 5%) loading at the deepest draft allowed. When carrying Subchapter O cargoes at shallower drafts, the barge(s) should always be loaded uniformly.

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 ---



Temporary Certificate of Inspection

Vessel Name: KIRBY 14829

Cargo Tanks

| Tank Id | Internal Exam | | | External Exam | | |
|-----------|---------------|-----------|------------|---------------|-----------|-----------|
| | Previous | Last | Next | Previous | Last | Next |
| P/S (BTN) | 21Aug2012 | 28Apr2023 | 30Apr2033 | 07Mar2017 | 28Apr2023 | 30Apr2028 |
| | | | Hydro Test | | | |
| Tank Id | Safety Valves | | Previous | Last | Next | |
| P/S (BTN) | 05Dec2022 | | - | - | - | |

---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 2774
Date 03-16-2023

Job no. LV-11824-WO
Client KIRBY INLAND MARINE
Barge # KIRBY-14829

Set pressure (cold) 260 psi
Manufacturer CONSOLIDATED
Type / Model 1910Q
Serial No. SD15006

Valve data

Size 6XQX8
Rating 300X150
Nozzle / Orifice Q

Set pressure test

Found set pressure 259 psi
Reseat pressure (Indication) 257 psi
Result Passed
Test method AIR

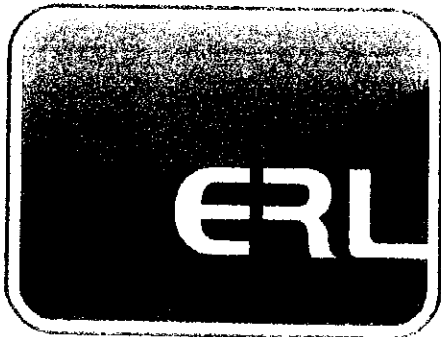
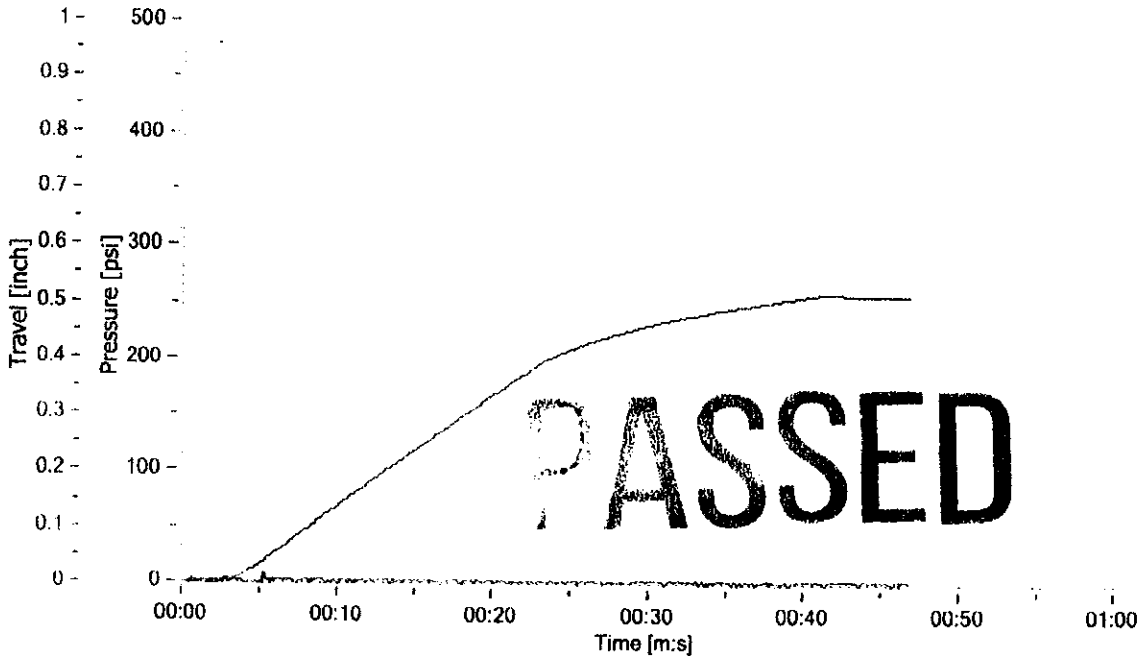
Test data

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 237 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed



INTERLINK



Tested by

Name EDUARDO PEREZ

Date 03-16-2023

Signature

Inspected by

Name CF Don McKeathen

Date 03-16-2023

Signature

Safety valve inspection report

Certificate nr 2775
Date 03-16-2023

Job no. LV-11824-WO
Client KIRBY INLAND MARINE
Barge # KIRBY-14829

Set pressure (cold) 260 psi
Manufacturer CONSOLIDATED
Type / Model 1910Q
Serial No. SC59327

Valve data

Size 6XQX8
Rating 300X150
Nozzle / Orifice Q

Set pressure test

Found set pressure 260 psi
Reseat pressure (indication) 258 psi
Result Passed
Test method AIR

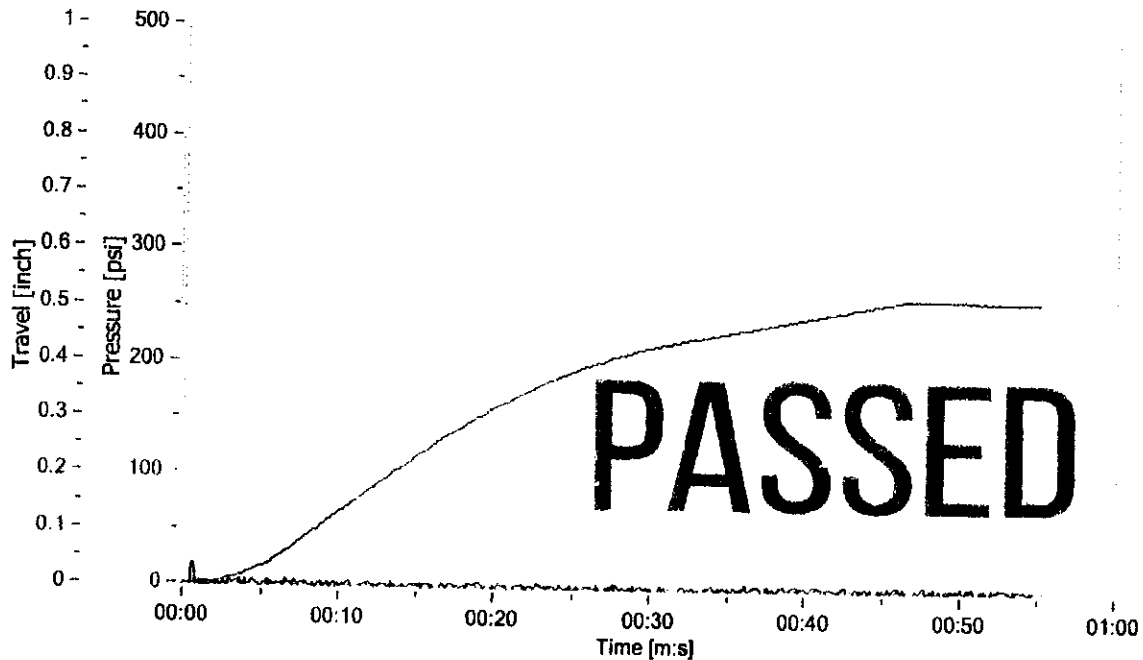
Test data

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 237 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed



INTERLINK



Tested by

Name EDUARDO PEREZ

Date 03-16-2023

Signature 

Inspected by

Name LT Ben McKeathen

Date 03-16-2023

Signature 

Safety valve inspection report

Certificate nr 2772
Date 03-16-2023

Job no. LV-11824-WO
Client KIRBY INLAND MARINE
Barge # KIRBY-14829

Set pressure (cold) 260 psi
Manufacturer CONSOLIDATED
Type / Model 1910Q
Serial No. SD15013

Valve data

Size 6XQX8
Rating 300X150
Nozzle / Orifice Q

Set pressure test

Found set pressure 260 psi
Reseat pressure (indication) 256 psi
Result Passed
Test method AIR

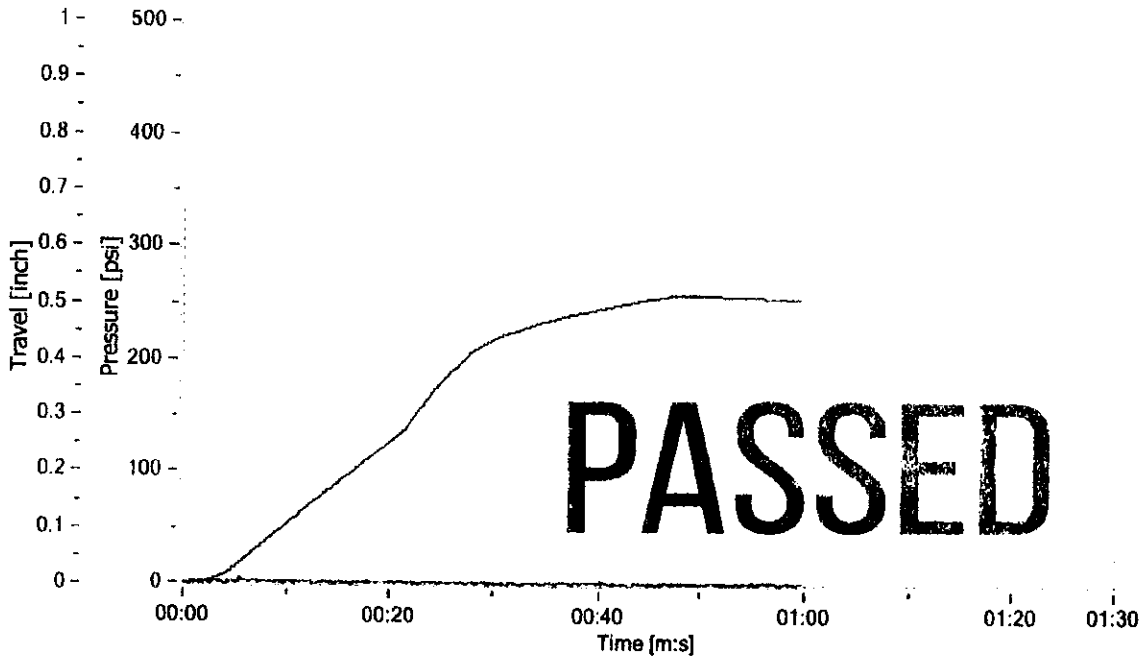
Test data

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 238 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed



INTERLINK



Tested by

Name EDUARDO PEREZ

Date 03-16-2023

Signature

Inspected by

Name LT J. McKenith

Date 03-16-2023

Signature

Safety valve inspection report

Certificate nr 2773
Date 03-16-2023

Job no. LV-11824-WO
Client KIRBY INLAND MARINE
Barge # KIRBY-14829

Set pressure (cold) 260 psi
Manufacturer CONSOLIDATED
Type / Model 1910Q
Serial No. SD15012

Valve data

Size 6XQX8
Rating 300X150
Nozzle / Orifice Q

Set pressure test

Found set pressure 259 psi
Reseat pressure (indication) 257 psi
Result Passed
Test method AIR

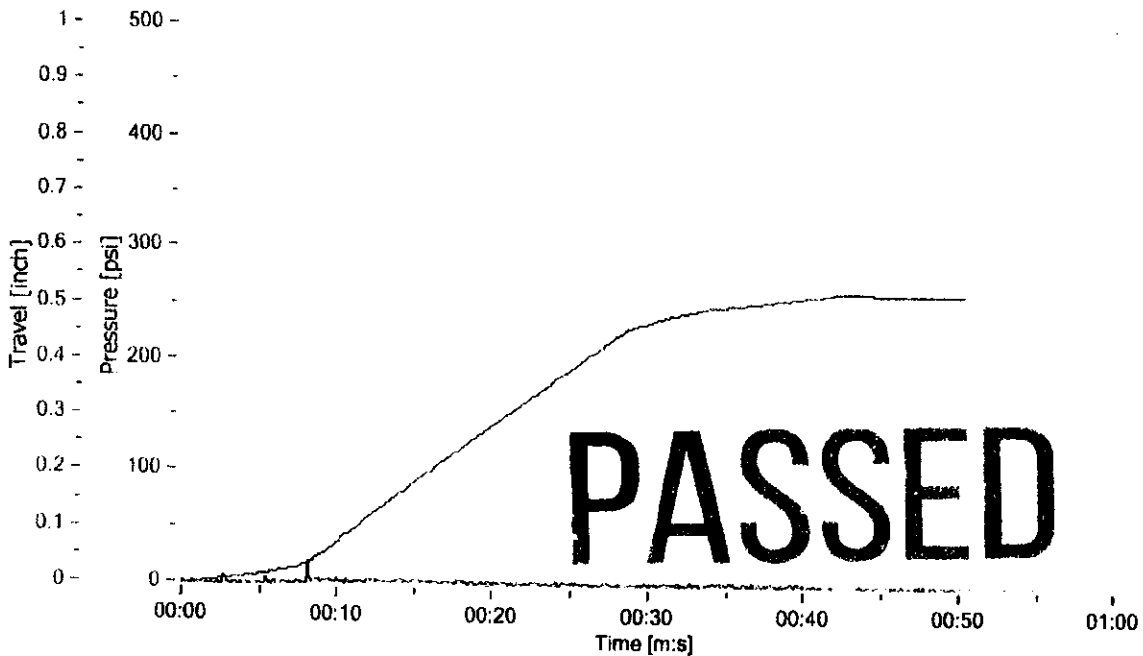
Test data

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 237 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed



INTERLINK



Tested by

Name EDUARDO PEREZ

Date 03-16-2023

Signature 

Inspected by

Name *Ben McKeather*

Date 03-16-2023

Signature 

Test Date
12/5/2022



Rev. 1
3/1/2016

TEST CERTIFICATE and CERTIFICATE OF CONFORMANCE

Aquatrol Inc. certifies that all engineering, design, components and material certifications are in compliance with ASME Section VIII or Section I standards. Safety and Relief Valves are factory set, tested, tamper proof sealed per regulations and tolerance standards. We verify the settings as indicated below:

Customer Name: Independence Valve & Supply

Customer Order/PO Number: 1013720

Aquatrol Shop Order Number: 104123

| MODEL NO. | SERIAL NUMBER | STAMPED PRESSURE | SERVICE | SIZZLING PRESSURE | OPENING PRESSURE | RESEAT PRESSURE | API | HYDRO TEST | SHELL TEST | SPECIAL * |
|------------|---------------|------------------|---------|-------------------|------------------|-----------------|-----|------------|------------|-----------|
| 742DG1V2K1 | 103302-1 | 480 | Air | 478 | 487 | 396 | N/A | Yes | Yes | |
| 742DG1V2K1 | 103302-2 | 480 | Air | 478 | 487 | 396 | N/A | Yes | Yes | |
| 742DG1V2K1 | 103302-3 | 480 | Air | 478 | 487 | 396 | N/A | Yes | Yes | |
| 742DG1V2K1 | 103302-4 | 480 | Air | 478 | 487 | 396 | N/A | Yes | Yes | |
| 742DG1V2K1 | 103302-5 | 480 | Air | 478 | 487 | 396 | N/A | Yes | Yes | |
| 742DG1V2K1 | 103302-6 | 480 | Air | 478 | 487 | 396 | N/A | Yes | Yes | |

All ASME valves are stamped either (UV) or (V), and National Board Stamped (NB) (if applicable)

Material for all metals comply to ASME / ASTM Section VIII and Section I standards. Products do not contain mercury contaminations and are certified by each manufacturer; available upon request.

All Aquatrol safety and relief valve product has been manufactured, assembled, built, set and tested in accordance with ASME B16.34, our written quality control and assurance manual, certified by the ASME.

Aquatrol certifies that 100% of our product is produced and manufactured in the United States of America; fully in compliance with the Federal Trade Commission's "Made in the USA Act".

Please contact Aquatrol if you require any further information. 630-365-5400 or at sales@aquatrol.com

Signed: *Eric Lambert*

Eric Lambert (Certified Individual)

STAMPED PRESSURE = STAMPED PSI ON NAMEPLATE

SERVICE = AIR, NITROGEN, STEAM, OR LIQUID

SIZZLING PRESSURE = START OF PSI RELEASE

OPENING PRESSURE = POPPING PRESSURE (PSI)

RESEAT PRESSURE = BLOWDOWN/CLOSING PRESSURE (PSI)

API = API 527 SEATING STANDARDS

SPECIAL* = RESERVED FOR CUSTOMER SPECIFIC REQUESTS OR ADJUSTABLE RANGE

SHELL TEST = IF THE VALVE HAS A CLOSED CAP THE COMPLETE VALVE WILL BE PNEUMATICALLY TESTED TO AT LEAST 30 PSI

1

HYDRO = TESTED AT 1.5 TIMES DESIGN PRESSURE

