



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

Certification Date:	27 Feb 2023
Expiration Date:	27 Feb 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 14832	CG006403			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
	Steel		

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
AVONDALE LOUISIANA	31Dec1967		R-1370	R-1370		R-214.0
			I-	I-		I-0

Owner	Operator
KIRBY INLAND MARINE, LP 55 WAUGH DRIVESUITE 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 as 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 Streamline Inspection

**\*\*\*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. Hantal, 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 14832

Program (TBSIP). Inspection activities aboard this barge shall be conducted in accordance with the 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	29Feb2028	27Feb2023	16Oct2012
Internal Structure	29Feb2028	27Feb2023	27Dec2017

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

Authorization: FLAMMABLE/COMBUSTIBLE LIQUIDS AND SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
14386	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)
1 P/S (BMX)	679	4.8
1 P (BTN, CBM)	701	5.0
1 S (BTN, CBM)	700	5.0
1 P/S (IBL)	700	5.0
1 P (BDI, BBM)	739	5.2
1 S (BDI, BBM)	738	5.2

**\*Conditions Of Carriage\***

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VNVN80000532, dated 16MAY2000, may be carried.

Inspected and approved for the carriage of liquefied flammable gases at pressures not to exceed 90 PSIG at not less than ambient temperatures.

Mixtures of the Subchapter "D" LFG cargoes BMX, BTN, CBM, and IBL 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" LFG cargoes not specified above must be approved by Commandant (G-MSO-3) prior to being authorized for carriage.

**\*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.

**\*Loading Constraints - Stability\***

Hull Type	Max Load (S/T)	Max Draft (ft/in)	Max Density (lbs/gal)	Route
II (BMX)	1359	7'7.4"	4.8	LBS, R, LC
II (BTN, CBM)	1401	7'8.4"	5.0	LBS, R, LC
II (IBL)	1404	7'8.4"	5.0	LBS, R, LC



# Temporary Certificate of Inspection

Vessel Name: KIRBY 14832

II (BDI, BBM) 1477 7'11.5" 5.2 LBS, R, LC

**--- Inspection Status ---**

**\*Cargo Tanks\***

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 P/S (BMX)	16Oct2012	27Feb2023	28Feb2033	13Jan2020	27Feb2023	28Feb2025
1 P (BTN, CBM)	16Oct2012	27Feb2023	28Feb2033	13Jan2020	27Feb2023	28Feb2025
1 S (BTN, CBM)	16Oct2012	27Feb2023	28Feb2033	13Jan2020	27Feb2023	28Feb2025
1 P/S (IBL)	16Oct2012	27Feb2023	28Feb2033	13Jan2020	27Feb2023	28Feb2025
1 P (BDI, BBM)	16Oct2012	27Feb2023	28Feb2033	13Jan2020	27Feb2023	28Feb2025
1 S (BDI, BBM)	16Oct2012	27Feb2023	28Feb2033	13Jan2020	27Feb2023	28Feb2025

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
1 P/S (BMX)	05Dec2017	-	-	-
1 P (BTN, CBM)	05Dec2017	-	-	-
1 S (BTN, CBM)	05Dec2017	-	-	-
1 P/S (IBL)	05Dec2017	-	-	-
1 P (BDI, BBM)	05Dec2017	-	-	-
1 S (BDI, BBM)	05Dec2017	-	-	-

**---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
2	B-II

\*\*\*END\*\*\*





# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: KIRBY 14832 (EX: CC-116)  
Official #: CG006403

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Shipyard:  
Hull #:

### 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 Mats of Construction
		Group No	Exc				
<b>Authorized Subchapter O Cargoes</b>							
Butadiene, Butylene mixtures (containing Acetylenes)	BBM	30	N		II		50-30, 50-70(a), 50-73, 56-1(b), (d), (f), (g)
Butadiene	BDI	30	N	LFG	II		50-70(a), 50-73
Butane (iso-, n-)	BMX	31	N	LFG			
Butylene	BTN	30	N	LFG			
C-4 mixtures	CBM						
Isobutylene	IBL	30	N	LFG			

### 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.





# PSV REPAIR VALVE TRAVELER

Site: Port Arthur, TX

AWC UID: 145381

### CUSTOMER INFORMATION

Customer: Independence Valve & Supply  
Customer PO: 1013849  
Plant Location: Pasadena, TX  
Asset Number: N/A  
Unit Number: N/A

### ORDER ENTRY DATA

Tag Number: 14832  
WO Number: N/A  
Sales Order Number: 2471915-001  
Received Date: 11/14/2022  
Customer Req. Date: 1/18/2023

### NAMEPLATE DATA

ORIGINAL NAMEPLATE	PREVIOUS REPAIR NAMEPLATE	CURRENT NAMEPLATE
Mfg: LONERGAN Model: N/A SN: Set Press: CDTP: BP: Capacity: ASME Code Stamp: NC Orifice: N/A Pilot Model #: N/A Technician: <i>N NEWTON</i> Date: 11/14/2022	Prev Repair Co: N/A Prev Repair Date: Model: Set Press: CDTP: BP: Capacity: VR: Technician: <i>N NEWTON</i> Date: 11/14/2022	Spring: 000239R61D Range: 83-93 PSIG Model: D-10-Q Set Press: 90.00 PSIG CDTP: 90.00 PSIG BP: 0.00 PSIG Capacity: SCFM Valve Conversion: No STAMPED REPAIR VR: NC Assembled By: <i>Kelly Simpson</i> Date: 12/1/2022

Notes: MISSING ORIGINAL NAMEPLATE

### MATERIAL OF CONSTRUCTION / CONDITION RECEIVED

Inlet Size: 6" Inlet ANSI Class: 150# RF Outlet Size: 8" Outlet ANSI Class: 150# RF Style: Conventional Cap Type: Screwed	Bonnet: WCB CS Body: SA-216 Gr. WCB CS Bellows: N/A Trim: 316 SS Seat / Soft Goods: Metal	Spring: Chrome Alloy Seals: Intact As Found: Good As Received Service: Vapor Nameplate: Missing Rec By: <i>N NEWTON</i>
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### PRESSURE TESTING - PRETEST

Pop 1: 90.80 PSIG Pop 2: 90.90 PSIG Pop 3: 90.50 PSIG Average: 90.73 PSIG	API 527 Seat Leakage: Acceptable Pre-Test Pressure: Pass Date: 11/11/2022 Performed By: <i>E LONGMIRE</i>	Customer Special Requirements: No Notes:
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### GENERAL INSPECTION

PART DESCRIPTION	Condition	Action	PART DESCRIPTION	Condition	Action	PART DESCRIPTION	Condition	Action
Cap: Good	Clean / Use		Spring Washers: Good	Clean / Use		Upper Blowdown Ring: N/A	N/A	
Fasteners / Body Plugs: Good	Clean / Use		Spring: Good	Clean / Use		Upper Guide Ring Pin: N/A	N/A	
Body: Good	Clean / Use		Spring Number: 000239R61D			Lower Guide Ring Pin: Good	Clean / Use	
Bonnet: Good	Clean / Use		Spring Range: 83-93 PSIG			Nozzle: Good	Lap	
Inlet: Good	Clean / Use		Spindle: Good	Clean / Use		Lower Blowdown Ring: Good	Clean / Use	
Outlet: Good	Clean / Use		Spindle Retainer: Good	Clean / Use		Other - Name / Description: N/A		
Seats: Good	Clean / Use		Disc: Good	Lap		Other: N/A	N/A	
Soft Seat: N/A	N/A		O-Ring Retainer: N/A	N/A		Gasket: Fouled	Replace	
Adj. Screw: Good	Clean / Use		Retainer Screw: N/A	N/A		Bellows: N/A	N/A	
Adj. Locknut: Good	Clean / Use		Disc Holder: Good	Clean / Use		Inspected By: <i>R SIMPSON</i>		
Lift Lever: N/A	N/A		Guide: Good	Clean / Use		Date: 12/1/2022		
<b>CRITICAL DIMENSIONS:</b>	<b>As Found</b>	<b>As Left</b>	<b>N/A</b>	<b>As Found</b>	<b>As Left</b>	<b>N/A</b>	<b>As Found</b>	<b>N/A</b>
Nozzle Bore:	3.950	3.950		Disc Thickness:	0.778	0.778	Comp. Screw:	●
Nozzle Length:	6.940	6.940		Disc Inside Step:			Upper Blowdown Ring Setting:	●
Nozzle Seat ID:	4.186	4.186		Disc Outside Step:			Lower Blowdown Ring Setting:	●
Nozzle Seat OD:	4.437	4.437		Disc Holder OD:	1.368	1.368		
Nozzle Step:	0.080	0.080		Criticals By: <i>R SIMPSON</i>			Machined By:	
Guide ID:	1.372	1.372		Date: 12/1/2022			Date:	
Guide Clearance:	0.004	0.004						

### PARTS REPLACED

Part Name: GASKET KIT Part Number: FM REY-042-GK-37 Material: STD "H" Stamp: NO Notes:	
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### FINAL TEST

Pop 1: 90.80 PSIG Average: 90.83 PSIG Test Media: Air BP Test: 30.00 PSIG Torque Ft/Lbs: 200 Torque S/N / Cal Date: AWC-PAR 2/28/2023	Pop 2: 90.90 PSIG Leak Check @: 81.00 PSIG Leak Check: Pass Upper Blowdown Ring Setting: N/A Lower Blowdown Ring Setting: -5 Date: 12/2/2022	Pop 3: 90.80 PSIG Final Test Pressure: 90.00 PSIG Gauge SN: AWC-PAR-PT-001133 Gauge Cal. Date: 2/28/2023 Tested By: <i>Kelly Simpson</i> Witnessed By: <i>Gordon Provost</i>
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### QUALITY CONTROL

STAMPED REPAIR VR: No Site VR Number: 1296 Visual Inspection: Yes Special Cleaning: No Verified Set Pressure: Yes QC Signature: <i>Caleb Thomas</i>	Cust. Spec. Required: Yes PSV Sealed: Yes PSV Complete: Yes PSV Painted: Yes Nameplate Set Pressure: No	Paper Work Complete: Yes Valve Set Press Change: No Factory Hydrotest: Yes Repair Nameplate Set Pressure: Yes Sales Order Set Pressure Match: Yes Date: 1/18/2023
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# PSV REPAIR VALVE TRAVELER

Site: Port Arthur, TX

AWC UID: 140397

### CUSTOMER INFORMATION

Customer: Independence Valve & Supply  
Customer PO: 1013849  
Plant Location: Pasadena, TX  
Asset Number: N/A  
Unit Number: N/A

### ORDER ENTRY DATA

Tag Number: 14832  
WO Number: N/A  
Sales Order Number: 2473611-001  
Received Date: 11/15/2022  
Customer Req. Date: 1/18/2023

### NAMEPLATE DATA

ORIGINAL NAMEPLATE	PREVIOUS REPAIR NAMEPLATE	CURRENT NAMEPLATE
Mfg: Farris Model: N/A SN: Set Press: CDTP: BP: Capacity: ASME Code Stamp: NC Orifice: N/A Pilot Model #: N/A Technician: <i>N NEWTON</i> Date: 11/15/2022	Prev Repair Co: N/A Prev Repair Date: Model: Set Press: CDTP: BP: Capacity: VR: Technician: <i>N NEWTON</i> Date: 11/15/2022	Spring: L182CR Range: 90- 102 PSIG Model: 26QA10-120 Set Press: 90.00 PSIG CDTP: 90.00 PSIG BP: 0.00 PSIG Capacity: SCFM Valve Conversion: No STAMPED REPAIR VR: NC Assembled By: <i>Kelby Simpson</i> Date: 12/2/2022

Notes: MISSING ORIGINAL MANF. TAG WHEN RECIEVED  
OUTLET FLANGE STAMPED WITH SN# 400169-2-A10

### MATERIAL OF CONSTRUCTION / CONDITION RECEIVED

Inlet Size: 6" Inlet ANSI Class: 150# RF Outlet Size: 8" Outlet ANSI Class: 150# RF Style: Conventional Cap Type: Screwed	Bonnet: WCB CS Body: SA-216 Gr. WCB CS Bellows: N/A Trim: 316 SS Seat / Soft Goods: Metal	Spring: Chrome Alloy Seals: Intact As Found: Good As Received Service: Vapor Nameplate: Missing Rec By: <i>N NEWTON</i>
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### PRESSURE TESTING - PRETEST

Pop 1: 90.30 PSIG Pop 2: 90.00 PSIG Pop 3: 90.30 PSIG Average: 90.20 PSIG	API 527 Seat Leakage: Acceptable Pre-Test Pressure: Pass Date: 11/11/2022 Performed By: <i>E LONGMIRE</i>	Customer Special Requirements: No Notes:
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### GENERAL INSPECTION

PART DESCRIPTION	Condition	Action	PART DESCRIPTION	Condition	Action	PART DESCRIPTION	Condition	Action		
Cap: Good	Clean / Use		Spring Washers: Good	Clean / Use		Upper Blowdown Ring: N/A	N/A			
Fasteners / Body Plugs: Good	Clean / Use		Spring: Good	Clean / Use		Upper Guide Ring Pin: N/A	N/A			
Body: Good	Clean / Use		Spring Number: L182CR			Lower Guide Ring Pin: Good	Clean / Use			
Bonnet: Good	Clean / Use		Spring Range: 90- 102 PSIG			Nozzle: Good	Lap			
Inlet: Good	Clean / Use		Spindle: Good	Clean / Use		Lower Blowdown Ring: Good	Clean / Use			
Outlet: Good	Clean / Use		Spindle Retainer: N/A	N/A		Other - Name / Description: N/A				
Seats: Good	Lap		Disc: Good	Lap		Other: N/A	N/A			
Soft Seat: N/A	N/A		O-Ring Retainer: N/A	N/A		Gasket: Fouled	Replace			
Adj. Screw: Good	Clean / Use		Retainer Screw: N/A	N/A		Bellows: N/A	N/A			
Adj. Locknut: Good	Clean / Use		Disc Holder: Good	Clean / Use		Inspected By: <i>Gordon Provost</i>				
Lift Lever: N/A	N/A		Guide: Good	Clean / Use		Date: 12/2/2022				
<b>CRITICAL DIMENSIONS:</b>	<b>As Found</b>	<b>As Left</b>	<b>N/A</b>	<b>As Found</b>	<b>As Left</b>	<b>N/A</b>	<b>As Found</b>	<b>N/A</b>		
Nozzle Bore:	3.952	3.952	<input type="checkbox"/>	Disc Thickness:	0.489	0.489	<input type="checkbox"/>	Comp. Screw:	3.770	<input type="checkbox"/>
Nozzle Length:	8.917	8.917	<input type="checkbox"/>	Disc Inside Step:			<input checked="" type="checkbox"/>	Upper Blowdown Ring Setting:		<input checked="" type="checkbox"/>
Nozzle Seat ID:	4.075	4.075	<input type="checkbox"/>	Disc Outside Step:			<input checked="" type="checkbox"/>	Lower Blowdown Ring Setting:		<input checked="" type="checkbox"/>
Nozzle Seat OD:	4.220	4.220	<input type="checkbox"/>	Disc Holder OD:	2.993	2.993	<input type="checkbox"/>			
Nozzle Step:	0.040	0.040	<input type="checkbox"/>	Criticals By: <i>Gordon Provost</i>				Machined By:		
Guide ID:	2.998	2.998	<input type="checkbox"/>	Date: 12/2/2022				Date:		
Guide Clearance:	0.005	0.005	<input type="checkbox"/>							

### PARTS REPLACED

Part Name: Gasket Kit Part Number: FV 4KG26A7 Material: STD "H" Stamp: NO Notes:	
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### FINAL TEST

Pop 1: 90.90 PSIG Average: 91.13 PSIG Test Media: Air BP Test: 30.00 PSIG Torque Ft/Lbs: 200 Torque S/N / Cal Date: AWC-PAR 2/28/2023	Pop 2: 91.20 PSIG Leak Check @: 81.00 PSIG Leak Check: Pass Upper Blowdown Ring Setting: N/A Lower Blowdown Ring Setting: -6 Date: 12/2/2022	Pop 3: 91.30 PSIG Final Test Pressure: 90.00 PSIG Gauge SN: AWC-PAR-PT-001133 Gauge Cal. Date: 2/28/2023 Tested By: <i>Kelby Simpson</i> Witnessed By: <i>Gordon Provost</i>
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### QUALITY CONTROL

STAMPED REPAIR VR: No Site VR Number: 1296 Visual Inspection: Yes Special Cleaning: No Verified Set Pressure: Yes QC Signature: <i>Calvin Thomas</i>	Cust. Spec. Required: Yes PSV Sealed: Yes PSV Complete: Yes PSV Painted: Yes Nameplate Set Pressure: No	Paper Work Complete: Yes Valve Set Press Change: No Factory Hydrotest: Yes Repair Nameplate Set Pressure: Yes Sales Order Set Pressure Match: Yes Date: 1/18/2023
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# PSV REPAIR VALVE TRAVELER

Site: Port Arthur, TX

AWC UID: 140312

### CUSTOMER INFORMATION

Customer: Independence Valve & Supply  
 Customer PO: 1013849  
 Plant Location: Pasadena, TX  
 Asset Number: N/A  
 Unit Number: N/A

### ORDER ENTRY DATA

Tag Number: 14832  
 WO Number: N/A  
 Sales Order Number: 2471909-001  
 Received Date: 11/14/2022  
 Customer Req. Date: 1/18/2023

### NAMEPLATE DATA

ORIGINAL NAMEPLATE	PREVIOUS REPAIR NAMEPLATE	CURRENT NAMEPLATE
Mfg: LONERGAN Model: N/A SN: Set Press: CDTP: BP: Capacity: ASME Code Stamp: NC Orifice: N/A Pilot Model #: N/A Technician: <i>N NEWTON</i> Date: 11/14/2022	Prev Repair Co: N/A Prev Repair Date: Model: Set Press: CDTP: BP: Capacity: VR: Technician: <i>N NEWTON</i> Date: 11/14/2022	Spring: 000239R61D Range: 83-93 PSIG Model: D-10-Q Set Press: 90.00 PSIG CDTP: 90.00 PSIG BP: 0.00 PSIG Capacity: 0.00 SCFM Valve Conversion: No STAMPED REPAIR VR: NC Assembled By: <i>Kelby Simpson</i> Date: 12/2/2022

Notes: MISSING ORIGINAL NAMEPLATE

### MATERIAL OF CONSTRUCTION / CONDITION RECEIVED

Inlet Size: 6" Inlet ANSI Class: 150# RF Outlet Size: 8" Outlet ANSI Class: 150# RF Style: Conventional Cap Type: Screwed	Bonnet: SA-216 Gr. WCB Body: SA-216 Gr. WCB CS Bellows: N/A Trim: 316 SS Seat / Soft Goods: Metal	Spring: Chrome Alloy Seals: Intact As Found: Good As Received Service: Vapor Nameplate: Missing Rec By: <i>N NEWTON</i>
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### PRESSURE TESTING - PRETEST

Pop 1: 90.10 PSIG Pop 2: 90.80 PSIG Pop 3: 91.10 PSIG Average: 90.67 PSIG	API 527 Seat Leakage: Acceptable Pre-Test Pressure: Pass Date: 11/11/2022 Performed By: <i>E LONGMIRE</i>	Customer Special Requirements: No Notes:
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### GENERAL INSPECTION

PART DESCRIPTION	Condition	Action	PART DESCRIPTION	Condition	Action	PART DESCRIPTION	Condition	Action
Cap: Good	Clean / Use		Spring Washers: Good	Clean / Use		Upper Blowdown Ring: N/A	N/A	
Fasteners / Body Plugs: Good	Clean / Use		Spring: Good	Clean / Use		Upper Guide Ring Pin: N/A	N/A	
Body: Good	Clean / Use		Spring Number: 000239R61D			Lower Guide Ring Pin: Good	Clean / Use	
Bonnet: Good	Clean / Use		Spring Range: 83-93 PSIG			Nozzle: Good	Lap	
Inlet: Good	Clean / Use		Spindle: Good	Clean / Use		Lower Blowdown Ring: Good	Clean / Use	
Outlet: Good	Clean / Use		Spindle Retainer: N/A	N/A		Other - Name / Description: N/A		
Seats: Good	Clean / Use		Disc: Good	Lap		Other: N/A	N/A	
Soft Seat: N/A	N/A		O-Ring Retainer: N/A	N/A		Gasket: Fouled	Replace	
Adj. Screw: Good	Clean / Use		Retainer Screw: N/A	N/A		Bellows: N/A	N/A	
Adj. Locknut: Good	Clean / Use		Disc Holder: Good	Clean / Use		Inspected By: <i>R SIMPSON</i>		
Lift Lever: N/A	N/A		Guide: Good	Clean / Use		Date: 12/2/2022		
<b>CRITICAL DIMENSIONS:</b>	<b>As Found</b>	<b>As Left</b>	<b>N/A</b>	<b>As Found</b>	<b>As Left</b>	<b>N/A</b>	<b>As Found</b>	<b>N/A</b>
Nozzle Bore: 3.950	3.950	<input type="checkbox"/>		Disc Thickness: 0.778	0.778	<input type="checkbox"/>	Comp. Screw: ●	
Nozzle Length: 6.940	6.940	<input type="checkbox"/>		Disc Inside Step: ●			Upper Blowdown Ring Setting: ●	
Nozzle Seat ID: 4.186	4.186	<input type="checkbox"/>		Disc Outside Step: ●			Lower Blowdown Ring Setting: ●	
Nozzle Seat OD: 4.437	4.437	<input type="checkbox"/>		Disc Holder OD: 1.368	1.368	<input type="checkbox"/>		
Nozzle Step: 0.080	0.080	<input type="checkbox"/>		Criticals By: <i>R SIMPSON</i>			Machined By:	
Guide ID: 1.372	1.372	<input type="checkbox"/>		Date: 12/2/2022			Date:	
Guide Clearance: 0.004	0.004	<input type="checkbox"/>						

### PARTS REPLACED

Part Name: GASKET KIT  
 Part Number: FM REY-042-GK-37  
 Material: STD  
 "H" Stamp: NO  
 Notes:

### FINAL TEST

Pop 1: 91.00 PSIG Average: 91.33 PSIG Test Media: Air BP Test: 30.00 PSIG Torque Ft/Lbs: 200 Torque S/N / Cal Date: AWC-PAR 2/28/2023	Pop 2: 92.00 PSIG Leak Check @: 81.00 PSIG Leak Check: Pass Upper Blowdown Ring Setting: N/A Lower Blowdown Ring Setting: -5 Date: 12/2/2022	Pop 3: 91.00 PSIG Final Test Pressure: 90.00 PSIG Gauge SN: AWC-PAR-PT-001133 Gauge Cal. Date: 2/28/2023 Tested By: <i>Kelby Simpson</i> Witnessed By: <i>Gordon Provost</i>
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### QUALITY CONTROL

STAMPED REPAIR VR: No Site VR Number: 1296 Visual Inspection: Yes Special Cleaning: No Verified Set Pressure: Yes QC Signature: <i>Caleb Thomas</i>	Cust. Spec. Required: Yes PSV Sealed: Yes PSV Complete: Yes PSV Painted: Yes Nameplate Set Pressure: No	Paper Work Complete: Yes Valve Set Press Change: No Factory Hydrotest: Yes Repair Nameplate Set Pressure: Yes Sales Order Set Pressure Match: Yes Date: 1/18/2023
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# PSV REPAIR VALVE TRAVELER

Site: Port Arthur, TX

AWC UID: 145384

### CUSTOMER INFORMATION

Customer: Independence Valve & Supply  
 Customer PO: 1013849  
 Plant Location: Pasadena, TX  
 Asset Number: N/A  
 Unit Number: N/A

### ORDER ENTRY DATA

Tag Number: 14832  
 WO Number: N/A  
 Sales Order Number: 2471911-001  
 Received Date: 11/14/2022  
 Customer Req. Date: 1/18/2023

### NAMEPLATE DATA

ORIGINAL NAMEPLATE	PREVIOUS REPAIR NAMEPLATE	CURRENT NAMEPLATE
Mfg: LONERGAN Model: N/A SN: N/A Set Press: CDTP: BP: Capacity: ASME Code Stamp: NC Orifice: N/A Pilot Model #: N/A Technician: <i>N. NEWTON</i> Date: 11/14/2022	Prev Repair Co: N/A Prev Repair Date: Model: Set Press: CDTP: BP: Capacity: VR: Technician: <i>N. NEWTON</i> Date: 11/14/2022	Spring: 000239R61D Range: 83-93 PSIG Model: D-10-Q Set Press: 90.00 PSIG CDTP: 90.00 PSIG BP: 0.00 PSIG Capacity: SCFM Valve Conversion: No STAMPED REPAIR VR: NC Assembled By: <i>Gordon Proovost</i> Date: 12/2/2022

Notes: MISSING ORIGINAL NAMEPLATE

### MATERIAL OF CONSTRUCTION / CONDITION RECEIVED

Inlet Size: 6" Inlet ANSI Class: 150# RF Outlet Size: 8" Outlet ANSI Class: 150# RF Style: Conventional Cap Type: Screwed	Bonnet: WCB CS Body: SA-216 Gr. WCB CS Bellows: N/A Trim: 316 SS Seat / Soft Goods: Metal	Spring: Chrome Alloy Seals: Intact As Found: Good As Received Service: Vapor Nameplate: Missing Rec By: <i>N. NEWTON</i>
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### PRESSURE TESTING - PRETEST

Pop 1: 89.10 PSIG Pop 2: 88.50 PSIG Pop 3: 88.30 PSIG Average: 88.63 PSIG	API 527 Seat Leakage: Acceptable Pre-Test Pressure: Pass Date: 11/11/2022 Performed By: <i>E. LONGMIRE</i>	Customer Special Requirements: No Notes:
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### GENERAL INSPECTION

PART DESCRIPTION	Condition	Action	PART DESCRIPTION	Condition	Action	PART DESCRIPTION	Condition	Action	
Cap: Good	Clean / Use		Spring Washers: Good	Clean / Use		Upper Blowdown Ring: N/A	N/A		
Fasteners / Body Plugs: Good	Clean / Use		Spring: Good	Clean / Use		Upper Guide Ring Pin: N/A	N/A		
Body: Good	Clean / Use		Spring Number: 000239R61D			Lower Guide Ring Pin: Good	Clean / Use		
Bonnet: Good	Clean / Use		Spring Range: 83-93 PSIG			Nozzle: Good	Lap		
Inlet: Good	Clean / Use		Spindle: Good	Clean / Use		Lower Blowdown Ring: Good	Clean / Use		
Outlet: Good	Clean / Use		Spindle Retainer: Good	Clean / Use		Other - Name / Description: N/A			
Seals: Good	Lap		Disc: Good	Lap		Other: N/A	N/A		
Soft Seat: N/A	N/A		O-Ring Retainer: N/A	N/A		Gasket: Fouled	Replace		
Adj. Screw: Good	Clean / Use		Retainer Screw: N/A	N/A		Bellows: N/A	N/A		
Adj. Locknut: Good	Clean / Use		Disc Holder: Good	Clean / Use		Inspected By: <i>Gabriel Proovost</i>			
Lift Lever: N/A	N/A		Guide: Good	Clean / Use		Date: 12/2/2022			
<b>CRITICAL DIMENSIONS:</b>	<b>As Found</b>	<b>As Left</b>	<b>N/A</b>	<b>As Found</b>	<b>As Left</b>	<b>N/A</b>	<b>As Found</b>	<b>N/A</b>	
Nozzle Bore:	3.950	3.950	<input type="checkbox"/>	Disc Thickness:	0.778	0.778	<input type="checkbox"/>	Comp. Screw:	<input type="checkbox"/>
Nozzle Length:	6.940	6.940	<input type="checkbox"/>	Disc Inside Step:			<input type="checkbox"/>	Upper Blowdown Ring Setting:	<input type="checkbox"/>
Nozzle Seat ID:	4.186	4.186	<input type="checkbox"/>	Disc Outside Step:			<input type="checkbox"/>	Lower Blowdown Ring Setting:	<input type="checkbox"/>
Nozzle Seat OD:	4.437	4.437	<input type="checkbox"/>	Disc Holder OD:	1.368	1.368	<input type="checkbox"/>		
Nozzle Step:	0.080	0.080	<input type="checkbox"/>						
Guide ID:	1.372	1.372	<input type="checkbox"/>	Criticals By: <i>K. SIMPSON</i>				Machined By:	
Guide Clearance:	0.004	0.004	<input type="checkbox"/>	Date: 12/2/2022				Date:	

### PARTS REPLACED

Part Name: GASKET KIT  
 Part Number: FM REY-042-GK-37  
 Material: Standard  
 "H" Stamp: No  
 Notes:

### FINAL TEST

Pop 1: 90.90 PSIG Average: 91.13 PSIG Test Media: Air BP Test: 30.00 PSIG Torque Ft/Lbs: 200 Torque S/N / Cal Date: AWC-PAR 2/28/2023	Pop 2: 91.20 PSIG Leak Check @: 81.00 PSIG Leak Check: Pass Upper Blowdown Ring Setting: N/A Lower Blowdown Ring Setting: -6 Date: 12/2/2022	Pop 3: 91.30 PSIG Final Test Pressure: 90.00 PSIG Gauge SN: AWC-PAR-PT-001133 Gauge Cal. Date: 2/28/2023 Tested By: <i>Gordon Proovost</i> Witnessed By: <i>Kelley Simpson</i>
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### QUALITY CONTROL

STAMPED REPAIR VR: No Site VR Number: 1296 Visual Inspection: Yes Special Cleaning: No Verified Set Pressure: Yes QC Signature: <i>Caleb Thomas</i>	Cust. Spec. Required: Yes PSV Sealed: Yes PSV Complete: Yes PSV Painted: Yes Nameplate Set Pressure: No	Paper Work Complete: Yes Valve Set Press Change: No Factory Hydrotest: Yes Repair Nameplate Set Pressure: Yes Sales Order Set Pressure Match: Yes Date: 1/18/2023
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