

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

Certification Date: 17 Jan 2020 Expiration Date: 17 Jan 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 16817	1293961			Tank Ba	irge	
Hailing Port						_
NEW ORLEANS, LA	Hull Material	Horsepowe	r Propulsion			
NEW ONLLANS, LA	Steel					
UNITED STATES						
					2 0 20 0	
Place Built		224 454 95255559 542	<u> </u>		M	_
ORANGE, TX	Delivery Date		oss Tons Net Tons 1185 R-1185	DWT	Length R-245.0	
0101102, 170	13Jan2020	15May2019	I-	*	I-0	
UNITED STATES						
Owner KIRBY INLAND MARINE L 55 WAUGH DR STE 1000 HOUSTON, TX 77007 UNITED STATES		18350 M Channel	NLAND MARINE LP arket Street view, TX 77530 STATES		v	
	ed with the following licensed Certified Tankermen, 0 HS0				st be	
0 Masters	0 Licensed Mates 0 Chie	ef Engineers	0 Oilers		-	
0 Chief Mates	0 First Class Pilots 0 First	Assistant Engineers			-	
0 Second Mates		ond Assistant Engineers				
0 Third Mates		d Assistant Engineers			9	
0 Master First Class Pilot	SOLE FOR THE PROPERTY OF THE P	nsed Engineers				
0 Mate First Class Pilots		lified Member Engineer	0.0		OH T-4-I	_
Persons allowed: 0	carry 0 Passengers, 0 Othe	er Persons in crew,	u Persons in addition	n to crew, and no	Otners, Total	
Route Permitted And Co	onditions Of Operation:					
Lakes, Bays, and	Sounds plus Limite	d 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). 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.

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



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

17 Jan 2020 Certification Date: **Expiration Date:** 17 Jan 2021

Temporary Certificate of Inspection

Vessel Name: KIRBY 16817

---Hull Exams---

Exam Type

Next Exam

Last Exam

Prior Exam

DryDock

31Jan2030

13Jan2020

Internal Structure

31Jan2025

13Jan2020

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

Authorization:

LIQUEFIED FLAMMABLE GAS

Total Capacity

Units

Highest Grade Type

Part151 Regulated

Part153 Regulated Part154 Regulated

16101.

Barrels

LFG

Yes

Yes

No

Hazardous Bulk Solids Authority

Not Authorized

Loading Constraints - Structural

Tank Number

Max Cargo Weight per Tank (short tons)

Maximum Density (lbs/gal)

P/1

S/1

Conditions Of Carriage

Inspected and approved for the carriage of liquefied flammable gases (LFGs) at a pressure not to exceed 265 psig 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 liquefied 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 maximum tank weights listed below 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 - Structural

Tanks	Cargo	(Chris Code)	Max. Cargo Wgt/Each Tank (ST)	Max. Density (lbs/gal)
P/S	BDI	822	5.17	•
P/S	BBM	811	5.16	
P/S	BUT	775	4.88	
P/S	IBT	733	4.69	
P/S	BTN	778	5.00	
P/S	PRP	634	4.25	
P/S	PPL	647	4.35	

Loading Constraints - Stability

Cargo (Chris Code) Route Max Load (ST) Max Draft (ft,in) Max. Density (lbs/gal)

8' 4-1/4" R.LBS .1645 5.17 BDI R.LBS 1621 8' 2-5/8" 5.16 BBM 8' 1-1/4" 4.88 BUT R.LBS 1550



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

Certification Date: 17 Jan 2020 Expiration Date: 17 Jan 2021

Temporary Certificate of Inspection

Vessel Name: KIRBY 16817

IBT	R,LBS	1466	7' 11-1/4"	4.69
BTN	R,LBS	1557	8' 2-1/2"	5.00
PRP	R,LBS	1269	7' 6-1/2"	4.25
PPL	R.LBS	1293	7' 7-1/2"	4.35

--- Inspection Status ---

Cargo Tanks

	Internal Exar	m		External Exa	al Exam		
Tank ld	Previous	Last	Next	Previous	Last	Next	
P/1	-	13Jan2020	31Jan2030	-	13Jan2020	31Jan2025	
S/1	-	13Jan2020	31Jan2030	-	13Jan2020	31Jan2025	
			Hydro Test				
Tank Id	Safety Valve	es	Previous	Last	Next		
P/1	13Jan2020		-	27Nov2019	-		
2/1	13 Jan2020	•	_	27Nov2019	-	·	

--- 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

B-II

END



H 517

Page 1 of 1

Type: SRV

Sales Order # 841253

Birth #:

Pilot Information when applicable

00HTZ0

Wednesday, May 29, 2019

Date: Shipped Date: 2019/05/29 Owner: W & O SUPPLY (VAC)

Plant: LaPorte, TX

Customer #: PO#: 1465948

Job # 3045300LUL

Manufacturer Consolidated

Tag Number N/A Most Recent Yes (Relief Valve)

Model Number 1910-00Q-3-CC-MS-31-RF-GS-HP

Compressible

Location N/A Unit N/A Valve Size & Orifice 6 Q 8 11.05 IN^2

S/N SD78293

Soft Seat P/N N/A

In/Outlet Rating 300# RF / 150# RF Cap Type | Screwed Special Cleaning? No

Applicable Code | Sec VIII ****Pilot Information when applicable

Other Tag Data N/A

Client/Asset # N/A

Pilot Model

Soft Seat Mat'l N/A

Service

Set Pressure 265 PSIG

Operating Temp 72 F Mfg Lift N/A

Pilot Model (Fuli) Total Back Pressure 0 PSIG

BP is / Constant None Restricted Lift N/A

Product Name VAPOR

Pilot Serial Cold Diff Test Press 265 PSIG ASME Capacity 61747 SCFM Orifice Q

Bore Diam. 4.045

From / To 256 to 294

Req'd Spring 0619CR

Hydro Verified? B.SAVOIE Checked-In By B.SAVOIE Dimensions By B.SAVOIE

Measured Lift N/A Disc Rock IN Overlap Collar N/A Assembled By B.SAVOIE

BD Ring-Up N/A BD Ring-Low 12 Notches Test Media Air

Test Method Bench

Material ALLOY STEEL

Operating Pressure 120 PSIG Gauge 1 ID LUL00493 Gge 2/EVT S/N LUL00475 Final Test Press 270 PSIG

Result (Seats Tight)@ Passed @ 243 PSIG

BP Test @ Passed @ 30 Date Tested 2019/05/20 Tested By B.SAVOIE Witnessed By B.BARRETT

Final Inspected By B.BARRETT CI/QC Inspector C. Austin

Final Preparation Checklist

Birth# Matches Valve Yes Client Req'ments Check Yes

Valve Painted Yes Valve Boarded Yes Client ID Tag Attached Yes

Nameplate/Req'd Tags Attached Yes Replacement Parts Pres. Tested N/A VR/Code Stamp Applied Yes Ext Adjustments Sealed Yes Lever Adj'd & Strapped N/A Flg Cover/Plugs Installed Yes Sp Clean Valve Bagged N/A

Comments

Valve Converted on Date: 2019/05/07 Authorized By: Elizabeth Bourgeois

SPRING: 0619CR RANGE: 256 - 294

Description

AS070 Rev. - Machine Spring Washers



Page 1 of 1

Type: SRV

Sales Order # 841253

Job # 3045300LUL

Birth #: Date:

00HTZ2

Wednesday, May 29, 2019

Shipped Date: 2019/05/29

Owner: W & O SUPPLY (VAC)

Plant: LaPorte, TX

Customer #:

PO#: 1465948

Tag Number	N/A	Location	N/A	Other Tag Data	N/A
Most Recent	Yes (Relief Valve)	Unit	N/A	Client/Asset #	A A Principal Section of the Part of the P
Manufacturer	The second secon	Valve Size & Orifice S/N	6 Q 8 = 11.05 IN^2 SD78296	In/Outlet Rating Cap Type	300# RF / 150# RF Screwed
the state of the s	4 1 E - 440 Care Co. (\$100 Care Care Care Care Care Care Care Care	Soft Seat P/N	N/A	Special Cleanin ?	No
- August Add 1956 - 11.2 (1969) - 200 - 201 - 20	Compressible	Product Name		A licable Code	Sec VIII
Soft Seat Mat'l Service	A	Product Name	VAPOR		

****Pilot Information when applicable**** ***Pilot Information when applic

Pilot Serial Pilot Model (Full) Pilot Model

Cold Diff Test Press 265 PSIG Total Back Pressure 0 PSIG Set Pressure 265 PSIG ASME Capacity 61747 SCFM BP Is / Constant None Operating Temp 72 F Bore Diam. 4.047 Orifice Q Mfg Lift N/A Restricted Lift N/A

From / To 256 to 294 Material ALLOY STEEL Reg'd Spring 0619CR

Operating Pressure 120 PSIG Hydro Verified? B. BARRETT Gauge 1 ID LUL00493 Checked-In By B. BARRETT Gge 2/EVT S/N LUL00475 Dimensions By B. BARRETT Final Test Press 265 PSIG

Measured Lift N/A Result (Seats Tight)@ Passed @ 239 PSIG Disc Rock N/A IN BP Test @ Passed @ 30

Overlap Collar N/A Date Tested 2019/05/20 Assembled By B. BARRETT Tested By B. BARRETT BD Ring-Up N/A Witnessed By J. Boyle BD Ring-Low 25 Notches Final Inspected By J. Boyle Test Media Air CI/QC Inspector C. Austin

Final Preparation Checklist Birth# Matches Valve Yes Client Reg'ments Check Yes Valve Painted Yes Valve Boarded Yes Client ID Tag Attached Yes Nameplate/Req'd Tags Attached Yes Replacement Parts Pres. Tested N/A VR/Code Stamp Applied Yes Ext Adjustments Sealed Yes

Lever Adj'd & Strapped N/A Flg Cover/Plugs Installed Yes Sp Clean Valve Bagged N/A

Comments

Valve Converted on Date: 2019/05/07 Authorized By: Elizabeth Bourgeois

Descrition

SPRING: 0619CR RANGE: 256 - 294

AS070 Rev. - Machine Spring Washers

Test Method Bench





H 517

Page 1 of 1

Type: SRV

Birth #:

00HTYZ

Owner: W & O SUPPLY (VAC)

Sales Order # 841253

Date Wednesday, May 29, 2019 Plant: LaPorte, TX Customer #:

Job# 3045300LUL

Shipped Date: 2019/05/29

PO#: 1465948

Location N/A Tag Number N/A Most Recent | Yes (Relief Valve)

Unit N/A Valve Size & Orifice 6 Q 8 = 11.05 IN^2 Other Tag Data N/A Client/Asset # N/A

Manufacturer Consolidated Model Number 1910-00Q-3-CC-MS-31-RF-GS-HP

S/N SD78297

In/Outlet Rating 300# RF / 150# RF Cap Type Screwed

Soft Seat Mat'l N/A

Soft Seat P/N N/A

S ial Cleaning? No

Service Compressible Product Name VAPOR ***Pilot Information when applicable

A licable Code Sec VIII ****Pilot Information when applicable

Pilot Model

Set Pressure 265 PSIG

Total Back Pressure 0 PSIG BP Is / Constant None

Pilot Model (Full)

Pilot Serial Cold Diff Test Press 265 PSIG ASME Capacity 61747 SCFM

Mfg Lift N/A

Hydro Verified? J.WARD

Checked-In By J.WARD

Dimensions By J.WARD

Measured Lift N/A

Overlap Collar N/A

Disc Rock IN

Assembled By J.WARD

BD Ring-Low 25 Notches

AS070 Rev. - Machine Spring Washers

BD Ring-Up N/A

Test Media Air

Test Method Bench

Operating Temp 72 F

Restricted Lift N/A

Orifice Q Bore Diam. 4.045

Req'd Spring 0619CR

Material ALLOY STEEL Operating Pressure 120 PSIG

Gauge 1 ID LUL00493

Gge 2/EVT S/N LUL00475

Final Test Press 265 PSIG Result (Seats Tight)@ Passed @ 239 PSIG

BP Test @ Passed @ 30 Date Tested 2019/05/28

Tested By J. WARD Witnessed By J.SMITH

Final Inspected By J.SMITH CI/QC Inspector C. Austin Final Preparation Checklist

From / To 256 to 294

Birth# Matches Valve Yes Client Reg'ments Check Yes

Valve Painted Yes Valve Boarded Yes

Client ID Tag Attached Yes Nameplate/Req'd Tags Attached Yes Replacement Parts Pres. Tested N/A

> VR/Code Stamp Applied Yes Ext Adjustments Sealed Yes Lever Adj'd & Strapped N/A Fig Cover/Plugs Installed Yes Sp Clean Valve Bagged N/A

Comments

Valve Converted on Date: 2019/05/07 Authorized By: Elizabeth Bourgeois

Description

SPRING: 0619CR RANGE: 256 - 294

alu Keep



Test Report

14517 Page 1 of 1

Type: SRV

Birth #:

OOHTZ1

Owner: W & O SUPPLY (VAC)

Sales Order # 841253

Date: Wednesday, May 29, 2019 Shipped Date: 2019/05/29

Plant: LaPorte, TX

Customer #:

PO#: 1465948

d	(Care of Care	PERCENT HERE IN THE	CONTRACTOR OF THE PARTY OF THE	In commence of the agreement and the first		THE RESERVE OF THE PARTY OF THE
	Tag Number	N/A		Location	N/A	Othe
		** ** ** ** *** *	2			Onio
	Most Recent	Yes (Relief Valv	(e)	Unit	N/A	Clie

Unit N/A

er Tag Data N/A Client/Asset # N/A

Manufacturer Consolidated

Valve Size & Orifice | 6 Q 8 = 11.05 IN^2 S/N SD78294

In/Outlet Rating | 300# RF / 150# RF

Model Number 1910-00Q-3-CC-MS-31-RF-GS-HP

Soft Seat P/N N/A

Special Cleaning? No

Cap Type Screwed

Soft Seat Mat'l N/A

Job # 3045300LUL

Service Com ressible Product Name VAPOR

***Pilot Information when applicable

Applicable Code Sec VIII

Pilot Model

Pilot Information when applicable* Pilot Model (Full)

Pilot Serial Cold Diff Test Press 265 PSIG

Set Pressure 265 PSIG Operating Temp 72 F Mfg Lift N/A

Total Back Pressure 0 PSIG BP is / Constant None Restricted Lift N/A

ASME Capacity 61747 SCFM Orifice Q Bore Diam, 4.047

Reg'd Spring 0619CR

Material ALLOY STEEL

Hydro Verified? J. Boyle

Operating Pressure 120 PSIG

Gauge 1 ID LUL00475

From / To | 256 to 294

Checked-In By J. Boyle Dimensions By J.BOYLE

Final Test Press 266 PSIG

Gge 2/EVT S/N LUL00479

Measured Lift N/A Disc Rock IN Overlap Collar N/A

Assembled By J. Boyle

BD Ring-Up N/A

Test Media Air

Test Method Bench

BD Ring-Low 25 Notches

Result (Seats Tight)@ Passed @ 239 PSIG BP Test @ Passed @ 30

CI/QC Inspector C. Austin

Date Tested 2019/05/20 Tested By J. Boyle

Witnessed By B.BARRETT Final Inspected By B.BARRETT Final Preparation Checklist

Birth# Matches Valve Yes Client Reg'ments Check Yes

Valve Painted Yes Valve Boarded Yes

Client ID Tag Attached Yes Nameplate/Reg'd Tags Attached Yes

Replacement Parts Pres. Tested N/A VR/Code Stamp Applied Yes Ext Adjustments Sealed Yes Lever Adj'd & Strapped N/A

> Fig Cover/Plugs Installed Yes Sp Clean Valve Bagged N/A

Comments

Valve Converted on Date: 2019/05/07 Authorized By: Elizabeth Bourgeois

Description

SPRING: 0619CR RANGE: 256 - 294

AS070 Rev. - Machine Spring Washers





TORQUED NOZZLE TO BONNET TO 200FTLBS LUL00565

Test Report

00HTZ4

Birth #:

Owner: W & O SUPPLY (VAC)

Page 1 of 1

Type: Threaded

Sales Order # 841253		Date: Wednesd Shipped Date: 2019/05/2	ay, May 29, 2019 29	Plant: LaPorte, TX Customer #:		
Job # 30453	BOILUL		•	PO #: 1465948		
Tag Number Most Recent	Yes (Relief Valve)	Location Unit	N/A	Other Tag Data Client/Asset #	N/A	
Manufacturer	Consolidated 19226MCF-2-CC-MS-31-MT	Valve Size & Orifice	1 x 1.5 = 0.226 IN^2 SD97902	In/Outlet Rating Cap Type	MNPT / FNPT Screwed	
Soft Seat Mat'l		Soft Seat P/N	N/A	Special Cleaning?		
Service Pilot Model	Non-compressible	Product Name nen applicable**** Pilot Model (Full)	****Pilot Informat	Pilot Senai		
Set Pressure Operating Temp Mfg Lift	72 F	Total Back Pressure BP is / Constant Restricted Lift	None	Cold Diff Test Press ASME Capacity Orifice	104 US G/MIN	
Req'd Spring	W5090NC	Material	17-7 PH	From / To	291 to 316	
Hydro Verified? Checked-In By Dimensions By Measured Lift Disc Rock Overlap Collar Assembled By BD Ring-Up BD Ring-Low Test Media Test Method	J. Smith J. Smith J. Smith N/A N/A IN N/A J. Smith N/A WA N/A Water	Date Tested	LUL00473 LUL00491 302 PSIG Passed @ 272 PSIG Passed @ 30 2019/05/23 B.SIMMONS J. Smith J. Smith	Client Re Client II Nameplate/Req'd Replacement Pa VR/Code Ext Adji Lever A Flg Cover	Matches Valve Yes eq'ments Check Yes Valve Painted Yes Valve Boarded N/A D Tag Attached Yes it Tags Attached Yes arts Pres. Tested N/A Stamp Applied Yes ustments Sealed Yes dj'd & Strapped N/A r/Plugs Installed Yes in Valve Bagged N/A	
Comments	I I I II II III I		Description	E 100		

SPRING: W5090NC RANGE: 291 - 316



Test Report

Wednesday, May 29, 2019

517

Page 1 of 1

Type: Threaded

Birth #

00HTZ3

Owner: W & O SUPPLY (VAC)

Date:

Plant: LaPorte, TX

Sales Order # 841253 Job # 3045301LUL

Pilot Model

Operating Temp 72 F

Set Pressure 300 PSIG

Mfg Lift N/A

Req'd Spring | W5090NC

Hydro Verified? J. Boyle

Checked-In By J. Boyle

Dimensions By J. Boyle

Disc Rock IN

Assembled By J. Boyle

BD Ring-Up N/A

BD Ring-Low N/A

Test Media Water

Test Method Bench

Measured Lift N/A

Overlap Collar N/A

Shipped Date: 2019/05/29

Customer #: PO#: 1465948

Other Tag Data N/A Tag Number N/A Location N/A Client/Asset # N/A Most Recent Yes (Relief Valve) Unit N/A Valve Size & Orifice 1 x 1.5 = 0.226 IN^2 Manufacturer Consolidated Model Number 19226MCF-2-CC-MS-31-MT-FT-LA S/N SD97243 Special Cleanin ? No Soft Seat P/N N/A Soft Seat Mat'l N/A Product Name LIQUID Service Non-com ressible ****Pilot Information when applicable****

In/Outlet Rating MNPT / FNPT Screwed Cap Ty

A licable Code Sec VIII Pilot Information when applicable

Pilot Serial Pilot Model (Full) Total Back Pressure 0 PSIG

Cold Diff Test Press | 300 PSIG BP is / Constant None ASME Capacity 104 US G/MIN Orifice Bore Diam. .537 Restricted Lift N/A

Material 17-7 PH From / To 291 to 316

Operating Pressure 200 PSIG Gauge 1 ID LUL00473 Gge 2/EVT S/N LUL00491 Final Test Press 305 PSIG

Result (Seats Tight)@ Passed @ 274 PSIG BP Test @ Passed @ 30 Date Tested 2019/05/28

Tested By J. Boyle Witnessed By B.BARRETT Final Inspected By B.BARRETT CI/QC Inspector C. Austin

Final Preparation Checklist Birth# Matches Valve Yes Client Reg'ments Check Yes Valve Painted Yes Valve Boarded N/A Client ID Tag Attached Yes Nameplate/Req'd Tags Attached Yes Replacement Parts Pres. Tested N/A VR/Code Stamp Applied Yes Ext Adjustments Sealed Yes

Lever Adi'd & Strapped N/A Fig Cover/Plugs Installed N/A Sp Clean Valve Bagged N/A

Comments

Descrition

SPRING: W5090NC RANGE: 291 - 316



Type: Threaded

Birth #:

00HTZ5

Owner: W & O SUPPLY (VAC)

Sales Order # 841253

Job # 3045301LUL

Date: Wednesday, May 29, 2019 Shipped Date: 2019/05/29

Plant: LaPorte, TX Customer #:

PO#: 1465948

Tag Number		Location		Other Tag Data	
1, 2010 10 No. 1	Yes (Relief Valve)	Unit	N/A	Client/Asset #	N/A
	Consolidated 19226MCF-2-CC-MS-31-MT-FT-L	A S/N	SD97257	In/Outlet Rating Cap Type	
Soft Seat Mat'l	N/A	Soft Seat P/N	N/A	Special Cleaning?	No
Service Pilot Model	Non-compressible	Product Name	LI UID ****Pilot Informat	A licable Code ion when applicable Pilot Serial	Sec VIII
Set Pressure Operating Temp Mfg Lift	72 F	Total Back Pressure BP Is / Constant Restricted Lift	None	Cold Diff Test Press ASME Capacity Orifice	104 US G/MIN
Req'd Spring	W5090NC	Material	17-7 PH	From / To	291 to 316
Hydro Verified? Checked-In By	B.SIMMONS B.SIMMONS	Operating Pressure Gauge 1 ID		Final Preparati	
Dimensions By Measured Lift Disc Rock Overlap Collar Assembled By BD Ring-Up BD Ring-Low Test Media	B.SIMMONS/LD N/A N/A IN N/A B.SIMMONS/LD N/A N/A N/A Water	Gge 2/EVT S/N Final Test Press Result (Seats Tight)@ BP Test @ Date Tested Tested By	LUL00491 308 PSIG Passed @ 277 PSIG Passed @ 30 2019/05/24 B.SIMMONS E.GUERRERO E.GUERRERO	Client Ro Client II Nameplate/Req'o Replacement Pa VR/Code Ext Adji Lever A	Matches Valve Yes eq'ments Check Yes Yes Yes Valve Painted Yes N/A D Tag Attached I Tags Attached I Tags Attached I Stamp Applied ustments Sealed dj'd & Strapped N/A
Test Method	Bench	•			Plugs Installed Yes n Valve Bagged N/A

SPRING: W5090NC RANGE: 291 - 316

Description

Comments



Page 1 of 1

Type: Threaded

Sales Order#	841253
lob #	30453011 111

Birth #:

00HTZ6

Owner: W & O SUPPLY (VAC)

Date:

Wednesday, May 29, 2019

Plant: LaPorte, TX

Shipped Date: 2019/05/29

Customer #:

Job # 3045	301LUL			PO#: 1465948	
Tag Number Most Recent	N/A Yes (Relief Valve)	Location Unit	N/A N/A	Other Tag Data Client/Asset #	
Manufacturer	Consolidated 19226MCF-2-CC-MS-31-MT-F	Valve Size & Orifice	1 x 1.5 = 0.226 IN^2 SD97903	In/Outlet Rating Cap Type	
Soft Seat Mat'l	N/A	Soft Seat P/N	N/A	S al Cleaning?	No
Service	Non-compressible	Product Name		A licable Code	Sec VIII
Pilot Model	****Pilot Information whe	Pilot Model (Full)		ion when applicable Pilot Serial	
Set Pressure Operating Temp Mfg Lift	72 F	Total Back Pressure BP Is / Constant Restricted Lift	None	Cold Diff Test Press ASME Capacity Orifice	104 US G/MIN
Req'd Spring	W5090NC	Material	17-7 PH	From / To	291 to 316
Dimensions By Measured Lift Disc Rock Overlap Collar Assembled By BD Ring-Up BD Ring-Low Test Media Test Method	E.GUERRERO E.GUERRERO N/A N/A IN N/A E.GUERRERO N/A N/A N/A Water	Operating Pressure Gauge 1 ID Gge 2/EVT S/N Final Test Press Result (Seats Tight)@ BP Test @ Date Tested Tested By Witnessed By Final Inspected By CI/QC Inspector	LUL00473 LUL00491 300 PSIG Passed @ 270 PSIG Passed @ 30 2019/05/24 B. SIMMONS E.GUERRERO E.GUERRERO C. Austin	Client R Client I Nameplate/Req'o Replacement Pa VR/Code Ext Adji Lever A Flg Cover	Matches Valve eq'ments Check Yes Valve Painted Yes Valve Boarded N/A D Tag Attached Yes arts Pres. Tested N/A Stamp Applied Yes ustments Sealed Yes dj'd & Strapped N/A r/Plugs Installed Yes n Valve Bagged N/A
Comments			Description		ω των
market and the same of the same was better on the same of the	and the second of the second control of the	the state of the s	1.77		

SPRING: W5090NC RANGE: 291 - 316

