

CERTIFICATE OF CONFORMANCE
FOR
MATERIALS SHIPPED

Tulsa Gas Technologies, Inc. (TGT) hereby certifies that all materials in the manufacture of hoses for W/O # TRILD50923 conform to the manufacturing specifications indicated in drawings, bulletins or specifications as called for on the said purchase order. Test reports are on file with us or with our suppliers for examination and indicate conformance with applicable specification requirements. In production items listed, no direct contact was made with mercury, any of its compounds or with any mercury containing devices employing a single boundary for containment. Tulsa Gas Technologies, Inc. also certifies that the parts listed and shipped on the date indicated are manufactured in accordance with Parker specifications and quality standards, if applicable, as stated on the drawings or specifications called for on said purchase order. All parts and test conform to AGA I-93.

SIGNED BY: FM

TITLE: _____

DATE: 8-15-24

Tulsa Gas Technologies, Inc.
4309 S. 101st. E. Ave.
Tulsa, OK 74146
918-665-2641

Work Order #
Customer Name
Customer PO
Date Required

TRIL050923

Trillium
4500129132
8-15-24

ASSEMBLY/CERTIFICATION SHEET

		SIGN	DATE
1	☒ Review shop work order versus customer print and history	PM	7-24-24
2	☒ Component part numbers: 106CG-12-12, 106CG-12-12 Pack dates and/or QC codes	PM	7-24-24
3	☒ ID band number 5211319815	PM	7-24-24
4	☒ Hose Cut Length 46"	PM	7-24-24
5	☐ Pre-expansion of hose (if required) Size Remarks:		
6	☒ Audit and mark appropriate insertion depth	PM	7-24-24
7	☐ Add special accessories Remarks:		
8	☒ Apply danger tag and ID band	PM	7-24-24
9	☒ Install bend restrictors Remarks:	PM	7-24-24
10	☒ Assemble fittings; check insertion depth Remarks:	PM	7-24-24
11	☐ Set offset angle and/or orientation Remarks:		
12	☒ Perform crimp or swage on product/crimp set die-using Parker Catalog 4660, page K58 1/2) 80C-PO8H 3/8) 80C-PO6H 1/4) 80C-PO4H 1/8) 80C-PO2 3/8) 80C-PO6 ☒ 3/4) 80C-P12H	PM	7-24-24
13	☐ Add special accessories after crimping/swaging		
14	☐ Perform and record burst test results, if applicable Remarks:		
15	☐ Air test, if applicable Test pressure Psi _____ Seconds _____ ; Pass/Fail (Circle One) Remarks:		
16	☒ Hydrostatic proof test Test pressure Psi 10,000 Seconds 30 ☒ Pass/Fail (Circle One) Remarks:	PM	7-24-24
17	☒ Flush method water, and then air	PM	7-24-24
18	☒ Perform and record conductivity test; Meter Megger Mit200 Hose resistance 0.02 (-) Electrode resistance 0.03 (=) Final hose resistance 0.03	PM	7-24-24
19	☒ Final audit: Check boxes for items inspected, as applicable: ☒ Correct hose; ☒ Correct fittings; ☒ Correct customer PN	PM	7-24-24
20	☒ Check swage or crimp diameters: 5CNG-4-58 .668/.688 5CNG-6-58 .785/.805 5CNG-8-58 .900/.920 5CNG-6-55 .675/.695 ☒ 5CNG-12-58 1.20/1.22	PM	7-24-24
*****100% VISUAL INSPECT FOR THE FOLLOWING*****			
21	☒ Hose fittings crimped; ☒ Air passes through assembly;	PM	7-24-24
	☒ Presence of threads	PM	7-24-24
20	☒ Cap and package hose	PM	7-24-24
21	☒ Certificate of Conformance for Materials Shipped (on back)	PM	7-24-24

CT5000 S/N#: A08104

Tulsa Gas Technologies, Inc.
4809 S. 101st. E. Ave.
Tulsa, OK 74146
918-665-2641

Work Order #
Customer Name
Customer PO
Date Required

TRTL 050923
Trillium
4500129122
8-15-24

ASSEMBLY/CERTIFICATION SHEET

		SIGN	DATE						
1	☒ Review shop work order versus customer print and history	PM	7-24-24						
2	☒ Component part numbers: <u>106CG-12-12, 106CG-12-15</u>								
	Pack dates and/or QC codes	PM	7-24-24						
3	☒ ID band number <u>5216319807</u>	PM	7-24-24						
4	☒ Hose Cut Length <u>36"</u>	PM	7-24-24						
5	☐ Pre-expansion of hose (if required) Size _____								
	Remarks: _____								
6	☒ Audit and mark appropriate insertion depth	PM	7-24-24						
7	☐ Add special accessories _____								
	Remarks: _____								
8	☒ Apply danger tag and ID band	PM	7-24-24						
9	☒ Install bend restrictors _____								
	Remarks: _____	PM	7-24-24						
10	☒ Assemble fittings; check insertion depth								
	Remarks: _____	PM	7-24-24						
11	☐ Set offset angle and/or orientation _____								
	Remarks: _____								
12	☒ Perform crimp or swage on product/crimp set die-using Parker Catalog 4660, page K53								
	<table border="0"><tr><td>☐ 1/2) 80C-PO3H</td><td>☐ 3/8) 80C-PO6H</td></tr><tr><td>☐ 1/4) 80C-PO4H</td><td>☒ 1/8) 80C-PO2</td></tr><tr><td>☐ 3/8) 80C-PO6</td><td>☒ 3/4) 80C-P12H</td></tr></table>	☐ 1/2) 80C-PO3H	☐ 3/8) 80C-PO6H	☐ 1/4) 80C-PO4H	☒ 1/8) 80C-PO2	☐ 3/8) 80C-PO6	☒ 3/4) 80C-P12H	PM	7-24-24
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☐ 1/4) 80C-PO4H	☒ 1/8) 80C-PO2								
☐ 3/8) 80C-PO6	☒ 3/4) 80C-P12H								
13	☐ Add special accessories after crimping/swaging								
14	☐ Perform and record burst test results, if applicable								
	Remarks: _____								
15	☐ Air test, if applicable								
	Test pressure Psi _____ Seconds _____ ; Pass/Fail (Circle One)								
	Remarks: _____								
16	☒ Hydrostatic proof test								
	Test pressure Psi <u>10,000</u> Seconds <u>30</u> ☒ Pass/Fail (Circle One)								
	Remarks: _____	PM	7-24-24						
17	☒ Flush method water, and then air	PM	7-24-24						
18	☒ Perform and record conductivity test; Meter _____ Megger Mit200								
	Hose resistance <u>0.00</u> (-) Electrode resistance <u>0.03</u>								
	(=) Final hose resistance <u>0.03</u>	PM	7-24-24						
19	☒ Final audit: Check boxes for items inspected, as applicable:								
	☒ Correct hose; ☒ Correct fittings; ☒ Correct customer PN	PM	7-24-24						
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	*****100% VISUAL INSPECT FOR THE FOLLOWING*****								
21	☒ Hose fittings crimped; ☒ Air passes through assembly;								
	☒ Presence of threads	PM	7-24-24						
20	☒ Cap and package hose	PM	7-24-24						
21	☒ Certificate of Conformance for Materials Shipped (on back)	PM	7-24-24						

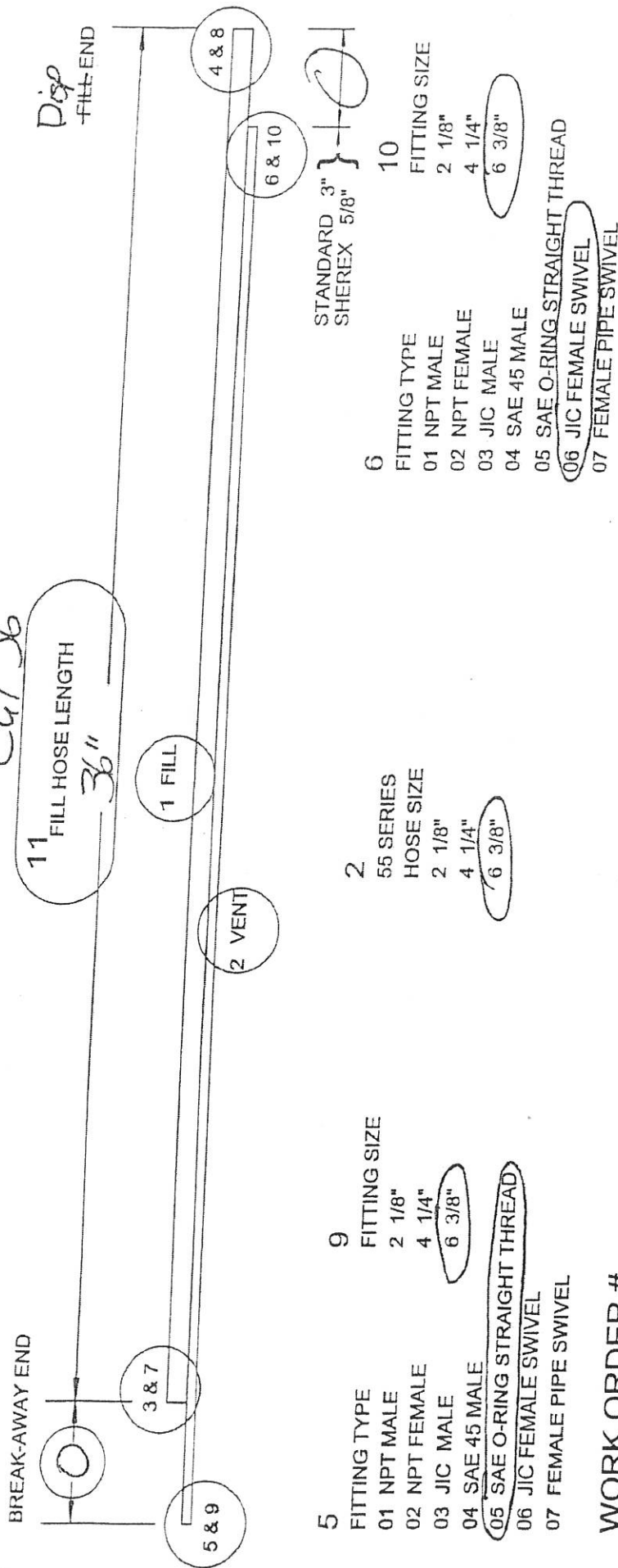
X3

- 3
FITTING TYPE
01 NPT MALE
02 NPT FEMALE
03 JIC MALE
04 SAE 45 MALE
05 SAE O-RING STRAIGHT THREAD
06 JIC FEMALE SWIVEL
07 FEMALE PIPE SWIVEL
- 7
FITTING SIZE
4 1/4"
6 3/8"
8 1/2"
12 3/4"

- 1
58 SERIES
HOSE SIZE
4 1/4"
6 3/8"
8 1/2"
10 5/8"
12 3/4"

- 4
FITTING TYPE
01 NPT MALE
02 NPT FEMALE
03 JIC MALE
04 SAE 45 MALE
05 SAE O-RING STRAIGHT THREAD
06 JIC FEMALE SWIVEL
07 FEMALE PIPE SWIVEL
- 8
FITTING SIZE
4 1/4"
6 3/8"
8 1/2"
12 3/4"

Cut 36"



- 5
FITTING TYPE
01 NPT MALE
02 NPT FEMALE
03 JIC MALE
04 SAE 45 MALE
05 SAE O-RING STRAIGHT THREAD
06 JIC FEMALE SWIVEL
07 FEMALE PIPE SWIVEL
- 9
FITTING SIZE
2 1/8"
4 1/4"
6 3/8"

- 2
55 SERIES
HOSE SIZE
2 1/8"
4 1/4"
6 3/8"

- 6
FITTING TYPE
01 NPT MALE
02 NPT FEMALE
03 JIC MALE
04 SAE 45 MALE
05 SAE O-RING STRAIGHT THREAD
06 JIC FEMALE SWIVEL
07 FEMALE PIPE SWIVEL
- 10
FITTING SIZE
2 1/8"
4 1/4"
6 3/8"

STANDARD 3"
SHEREX 5/8"

WORK ORDER #

5CNG1/5CNG1-0606/0506-1212/66-36"

FILL HOSE	
DATE: 05/27/97	DESIGNED BY: C. SEWELL
CHECKED BY: C.R.S.	SCALE: 1/16"
DWG. NO. FILTHOSE W010101.dwg2 SHEET NO. OF 1	

TULSA GAS TECHNOLOGIES, INC.
10111 W. 10TH STREET
TULSA, OK 74114
918-465-2041 FAX: 918-465-2657

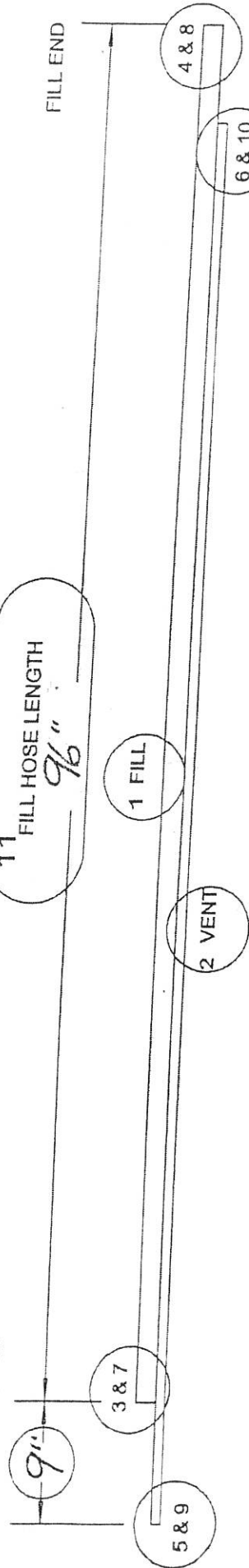
X3

- 3 FITTING TYPE
01 NPT MALE
02 NPT FEMALE
03 JIC MALE
04 SAE 45 MALE
05 SAE O-RING STRAIGHT THREAD
06 JIC FEMALE SWIVEL
07 FEMALE PIPE SWIVEL
- 7 FITTING SIZE
4 1/4"
6 3/8"
8 1/2"
12 3/4"
- 11 FILL HOSE LENGTH
9 1/6"

- 1 58 SERIES
HOSE SIZE
4 1/4"
6 3/8"
8 1/2"
10 5/8"
12 3/4"

- 4 FITTING TYPE
01 NPT MALE
02 NPT FEMALE
03 JIC MALE
04 SAE 45 MALE
05 SAE O-RING STRAIGHT THREAD
06 JIC FEMALE SWIVEL
07 FEMALE PIPE SWIVEL
- 8 FITTING SIZE
4 1/4"
6 3/8"
8 1/2"
12 3/4"

BREAK-AWAY END



- 5 FITTING TYPE
01 NPT MALE
02 NPT FEMALE
03 JIC MALE
04 SAE 45 MALE
05 SAE O-RING STRAIGHT THREAD
06 JIC FEMALE SWIVEL
07 FEMALE PIPE SWIVEL
- 9 FITTING SIZE
2 1/8"
4 1/4"
6 3/8"

- 2 55 SERIES
HOSE SIZE
2 1/8"
4 1/4"
6 3/8"

- 6 FITTING TYPE
01 NPT MALE
02 NPT FEMALE
03 JIC MALE
04 SAE 45 MALE
05 SAE O-RING STRAIGHT THREAD
06 JIC FEMALE SWIVEL
07 FEMALE PIPE SWIVEL
- 10 FITTING SIZE
2 1/8"
4 1/4"
6 3/8"

STANDARD 3" SHEREX 5/8"

WORK ORDER #

5CNG12/5CNG12-0606/0506-1212/66-96"

FILL HOSE	
DATE: 03/27/07	DESIGNED BY: C. SEWELL
DRAWN BY: C.R.S.	CHECKED BY: SCALE: NONE
DWG. NO. FILLHOSE.wrt07dr02.dwg2 SHEET NO. 07 REV. 1	

TULSA GAS TECHNOLOGIES, INC.
1011 EAST 46TH STREET
TULSA, OK 74110
918-466-2661 FAX: 918-466-2657