

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

Disp. Serial # 22081331
 Customer Name TRILLIUM
 Customer PO N/A
 Date Required 9/27/2022

ASSEMBLY/CERTIFICATION SHEET

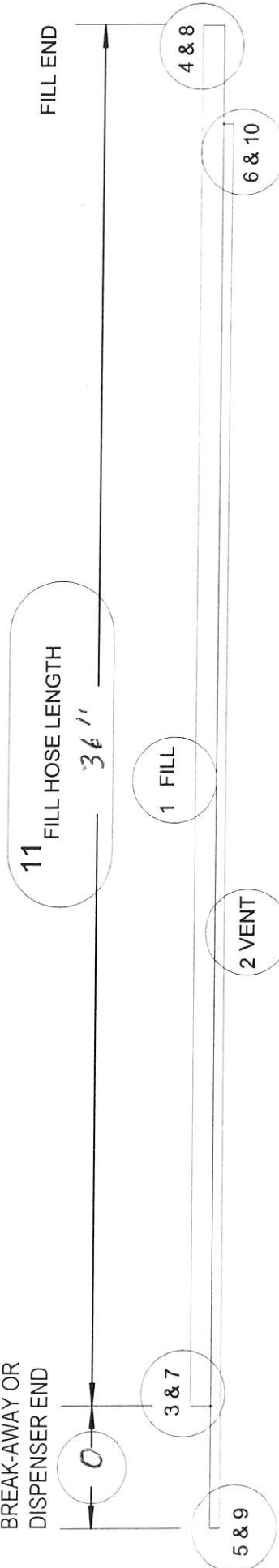
		SIGN	DATE						
1	<input checked="" type="checkbox"/> Review shop work order versus customer print and history	<u>CH</u>	<u>9/27/2022</u>						
2	<input checked="" type="checkbox"/> Component part numbers: <u>5215200803</u>								
	Pack dates and/or QC codes <u>W/O TRILLIUM 110821 B</u>	<u>CH</u>	<u>9/27/2022</u>						
3	<input checked="" type="checkbox"/> ID band number <u>5CNG12/5CNG6-0606/0506-1212/66-36"</u>	<u>CH</u>	<u>9/27/2022</u>						
4	<input checked="" type="checkbox"/> Hose Cut Length <u>36"</u>	<u>CH</u>	<u>9/27/2022</u>						
5	Pre-expansion of hose (if required) Size _____ Remarks: _____								
6	<input checked="" type="checkbox"/> Audit and mark appropriate insertion depth	<u>CH</u>	<u>9/27/2022</u>						
7	Add special accessories _____ Remarks: _____								
8	<input checked="" type="checkbox"/> Apply danger tag and ID band								
9	<input checked="" type="checkbox"/> Install bend restrictors Remarks: _____	<u>CH</u>	<u>9/27/2022</u>						
10	<input checked="" type="checkbox"/> Assemble fittings; check insertion depth Remarks: _____	<u>CH</u>	<u>9/27/2022</u>						
11	Set offset angle and/or orientation Remarks: _____								
12	<input checked="" type="checkbox"/> Perform crimp or swage on product/crimp set die-using Parker Catalog 4660, page K58 <table border="0" style="margin-left: 40px;"> <tr> <td>_____ 1/2) 80C-PO8H</td> <td>_____ 3/8) 80C-PO6H</td> </tr> <tr> <td>_____ 1/4) 80C-PO4H</td> <td>_____ 1/2) 80C-PO2</td> </tr> <tr> <td>_____ 3/8) 80C-PO6</td> <td><u>X</u> 3/4) 80C-P12H</td> </tr> </table>	_____ 1/2) 80C-PO8H	_____ 3/8) 80C-PO6H	_____ 1/4) 80C-PO4H	_____ 1/2) 80C-PO2	_____ 3/8) 80C-PO6	<u>X</u> 3/4) 80C-P12H	<u>CH</u>	<u>9/27/2022</u>
_____ 1/2) 80C-PO8H	_____ 3/8) 80C-PO6H								
_____ 1/4) 80C-PO4H	_____ 1/2) 80C-PO2								
_____ 3/8) 80C-PO6	<u>X</u> 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: _____	<u>CH</u>	<u>9/27/2022</u>						
16	<input checked="" type="checkbox"/> Hydrostatic proof test Test pressure Psi <u>10,000</u> Seconds <u>30</u> ; Pass/Fail (Circle One) Remarks: _____	<u>CH</u>	<u>9/27/2022</u>						
17	<input checked="" type="checkbox"/> Flush method water, and then air	<u>CH</u>	<u>9/27/2022</u>						
18	<input checked="" type="checkbox"/> Perform and record conductivity test; Meter <u>Megger Mit200</u> Hose resistance _____ (-) Electrode resistance <u>0.03</u> <u>0.03</u>	<u>CH</u>	<u>9/27/2022</u>						
19	<input checked="" type="checkbox"/> Final audit: Check boxes for items inspected, as applicable: <input checked="" type="checkbox"/> Correct hose; <input checked="" type="checkbox"/> Correct fittings; <input checked="" type="checkbox"/> Correct customer PN Check swage or crimp diameters: _____ 5CNG-4-55 .580+-.05 _____ 5CNG-4-58 .785/.805 _____ 5CNG-8-58 .900/.920 _____ 5CNG-6-55 .675/.695 <u>X</u> 5CNG-12-58 1.20/1.22 *****100% VISUAL INSPECT FOR THE FOLLOWING***** <input checked="" type="checkbox"/> Hose fittings crimped; <input checked="" type="checkbox"/> Air passes through assembly; <input checked="" type="checkbox"/> Presence of threads	<u>CH</u>	<u>9/27/2022</u>						
20	<input checked="" type="checkbox"/> Cap and package hose	<u>CH</u>							
21	<input checked="" type="checkbox"/> Certificate of Conformance for Materials Shipped (on back)	<u>CH</u>	<u>9/27/2022</u>						

- 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"
 10 5/8"
 12 3/4"

- 1** 58 SERIES HOSE SIZE
 4 1/4"
 6 3/8"
 8 1/2"
 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 OR DISPENSER END



SHEREX CT1000 use 1/4" VENT ONLY 5/8" VENT ONLY
 SHEREX CT5000 use 3/8" VENT ONLY

- 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"

22081331
 5/11

WORK ORDER # TRIL 110821A
 5CNG12/5CNG4-0606/0506-1212/66-361

FILL HOSE	
DATE: 03/27/97	DESIGNED BY: C. SEWELL
DRAWN BY: C.R.S.	CHECKED BY:
DWG. NO. FILLHOSE 5CNG 5CNG	SCALE: NONE
SHEET NO. OF	REV. 1

TULSA GAS TECHNOLOGIES, INC.
 10117 EAST 48TH STREET
 TULSA, OK 74146
 918-665-2841 FAX: 918-665-2857

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

Disp. Serial # 22081331
 Customer Name William
 Customer PO N/A
 Date Required 9/27/2022

ASSEMBLY/CERTIFICATION SHEET

		SIGN	DATE
1	<input checked="" type="checkbox"/> Review shop work order versus customer print and history	<u>CH</u>	<u>9/27/2022</u>
2	<input checked="" type="checkbox"/> Component part numbers: <u>520 72 04621</u>		
	Pack dates and/or QC codes <u>5CNG12/5CNG6-0606/0506/1212/66-96"</u>	<u>CH</u>	<u>9/27/2022</u>
3	<input checked="" type="checkbox"/> ID band number <u>w/o 220821A</u>	<u>CH</u>	<u>9/27/2022</u>
4	<input checked="" type="checkbox"/> Hose Cut Length <u>96"</u>	<u>CH</u>	<u>9/27/2022</u>
5	<input type="checkbox"/> Pre-expansion of hose (if required) Size _____		
	Remarks: _____		
6	<input checked="" type="checkbox"/> Audit and mark appropriate insertion depth	<u>CH</u>	<u>9/27/2022</u>
7	<input type="checkbox"/> Add special accessories _____		
	Remarks: _____		
8	<input checked="" type="checkbox"/> Apply danger tag and ID band		
9	<input checked="" type="checkbox"/> Install bend restrictors		
	Remarks: _____	<u>CH</u>	<u>9/27/2022</u>
10	<input checked="" type="checkbox"/> Assemble fittings; check insertion depth		
	Remarks: _____	<u>CH</u>	<u>9/27/2022</u>
11	<input type="checkbox"/> Set offset angle and/or orientation		
	Remarks: _____		
12	<input checked="" type="checkbox"/> 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 _____ 1/2) 80C-PO2		
	_____ 3/8) 80C-PO6 _____ <input checked="" type="checkbox"/> 3/4) 80C-P12H	<u>CH</u>	<u>9/27/2022</u>
13	<input type="checkbox"/> Add special accessories after crimping/swaging		
14	<input type="checkbox"/> Perform and record burst test results, if applicable		
	Remarks: _____		
15	<input type="checkbox"/> Air test, if applicable		
	Test pressure Psi _____ Seconds _____ ; Pass/Fail (Circle One)		
	Remarks: _____	<u>CH</u>	<u>9/27/2022</u>
16	<input checked="" type="checkbox"/> Hydrostatic proof test		
	Test pressure Psi <u>10,000</u> Seconds <u>30</u> ; <u>Pass</u> /Fail (Circle One)		
	Remarks: <u>Passed Pressure Test</u>	<u>CH</u>	<u>9/27/2022</u>
17	<input checked="" type="checkbox"/> Flush method water, and then air	<u>CH</u>	<u>9/27/2022</u>
18	<input checked="" type="checkbox"/> Perform and record conductivity test; Meter _____ Megger Mit200		
	Hose resistance _____ (-) Electrode resistance <u>0.03</u>		
	<u>0.03</u>	<u>CH</u>	<u>9/27/2022</u>
19	<input checked="" type="checkbox"/> Final audit: Check boxes for items inspected, as applicable:		
	<input checked="" type="checkbox"/> Correct hose; <input checked="" type="checkbox"/> Correct fittings; <input checked="" type="checkbox"/> Correct customer PN		
	Check swage or crimp diameters: _____ 5CNG-4-55 .580+-.05		
	_____ 5CNG-4-58 .785/.805 _____ 5CNG-8-58 .900/.920	<u>CH</u>	<u>9/27/2022</u>
	_____ 5CNG-6-55 .675/.695 <u>1</u> <input checked="" type="checkbox"/> 5CNG-12-58 1.20/1.22		
	*****100% VISUAL INSPECT FOR THE FOLLOWING*****		
	<input checked="" type="checkbox"/> Hose fittings crimped; <input checked="" type="checkbox"/> Air passes through assembly;		
	<input checked="" type="checkbox"/> Presence of threads	<u>CH</u>	<u>9/27/2022</u>
20	<input checked="" type="checkbox"/> Cap and package hose	<u>CH</u>	
21	<input checked="" type="checkbox"/> Certificate of Conformance for Materials Shipped (on back)	<u>CH</u>	<u>9/27/2022</u>

WELLS

- 3**
- | | |
|-------------------------------|----------------|
| FITTING TYPE | FITTING SIZE |
| 01 NPT MALE | 4 1/4" |
| 02 NPT FEMALE | 6 3/8" |
| 03 JIC MALE | 8 1/2" |
| 04 SAE 45 MALE | 10 5/8" |
| 05 SAE O-RING STRAIGHT THREAD | <u>12</u> 3/4" |
| <u>06</u> JIC FEMALE SWIVEL | |
| 07 FEMALE PIPE SWIVEL | |

- 1**
- | |
|---------------------|
| 58 SERIES HOSE SIZE |
| 4 1/4" |
| 6 3/8" |
| 8 1/2" |
| <u>12</u> 3/4" |

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

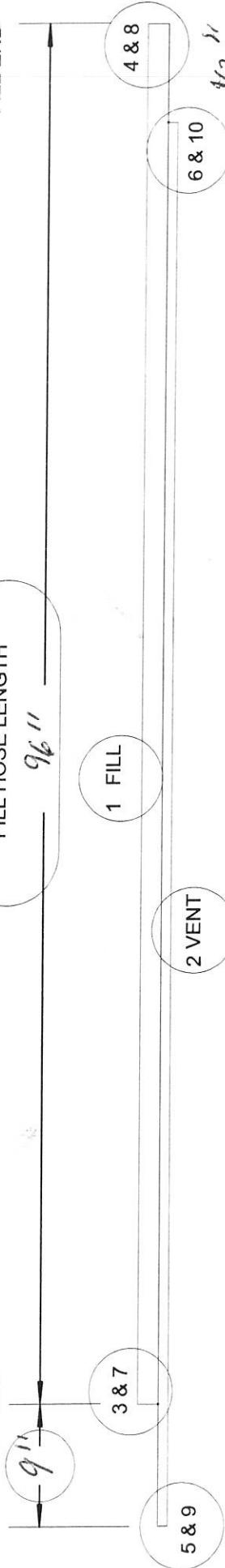
- 8**
- | | |
|----------------|----------------|
| FITTING TYPE | FITTING SIZE |
| 01 NPT MALE | 4 1/4" |
| 02 NPT FEMALE | 6 3/8" |
| 03 JIC MALE | 8 1/2" |
| 04 SAE 45 MALE | <u>12</u> 3/4" |

BREAK-AWAY OR DISPENSER END

cut 105

11 FILL HOSE LENGTH
96"

FILL END



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

- 2**
- | |
|---------------------|
| 55 SERIES HOSE SIZE |
| 2 1/8" |
| 4 1/4" |
| <u>6</u> 3/8" |

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

- 10**
- | | |
|---------------|---------------|
| FITTING TYPE | FITTING SIZE |
| 01 NPT MALE | 2 1/8" |
| 02 NPT FEMALE | 4 1/4" |
| 03 JIC MALE | <u>6</u> 3/8" |

SHEREX CT1000 use 1/4" VENT ONLY 5/8" SHEREX CT5000 use 3/8" VENT ONLY

5 & 9

3 & 7

1 FILL

2 VENT

4 & 8

1/2"

6 & 10

TRIL 110821A

WORK ORDER # *S/N 2208133*

5CNG 12 / 5CNG 6 - 06 06 / 05 06 - 12 12 / 12 12 - 96 11

FILL HOSE	
DATE: 03/27/97	TULSA GAS TECHNOLOGIES, INC. 10117 EAST 48TH STREET TULSA, OK 74146
DESIGNED BY: C. SEWELL	918-665-2641 FAX: 918-665-2857
DRAWN BY: C.R.S.	CHECKED BY:
DWG. NO. FILLHOSE 5CNG 5CNG	SCALE: NONE
SHEET NO. OF	REV. 1