

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

Disp. Serial # 22081333
 Customer Name Trellium
 Customer PO n/r
 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>ck</u>	<u>9/27/2022</u>
2	<input checked="" type="checkbox"/> Component part numbers: _____ Pack dates and/or QC codes _____		
	<u>w/o 110821 B</u>		
3	<input checked="" type="checkbox"/> ID band number _____ <u>5CNG12/5CNG6-0606/0605/122166-96"</u>	<u>ck</u>	<u>9/27/2022</u>
4	<input checked="" type="checkbox"/> Hose Cut Length _____ <u>520 7204121</u>	<u>ck</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>ck</u>	<u>9/27/2022</u>
7	Add special accessories _____ Remarks: _____		
8	<input checked="" type="checkbox"/> Apply danger tag and ID band	<u>ck</u>	
9	<input checked="" type="checkbox"/> Install bend restrictors Remarks: _____	<u>ck</u>	<u>9/27/2022</u>
10	<input checked="" type="checkbox"/> Assemble fittings; check insertion depth Remarks: _____	<u>ck</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 _____ 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>ck</u>	<u>9/27/2022</u>
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>ck</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>ck</u>	<u>9/27/2022</u>
17	<input checked="" type="checkbox"/> Flush method water, and then air	<u>ck</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>ck</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 <input checked="" type="checkbox"/> 5CNG-12-58 1.20/1.22	<u>ck</u>	<u>9/27/2022</u>
	*****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>ck</u>	<u>9/27/2022</u>
20	<input checked="" type="checkbox"/> Cap and package hose	<u>ck</u>	
21	<input checked="" type="checkbox"/> Certificate of Conformance for Materials Shipped (on back)	<u>ck</u>	<u>9/27/2022</u>

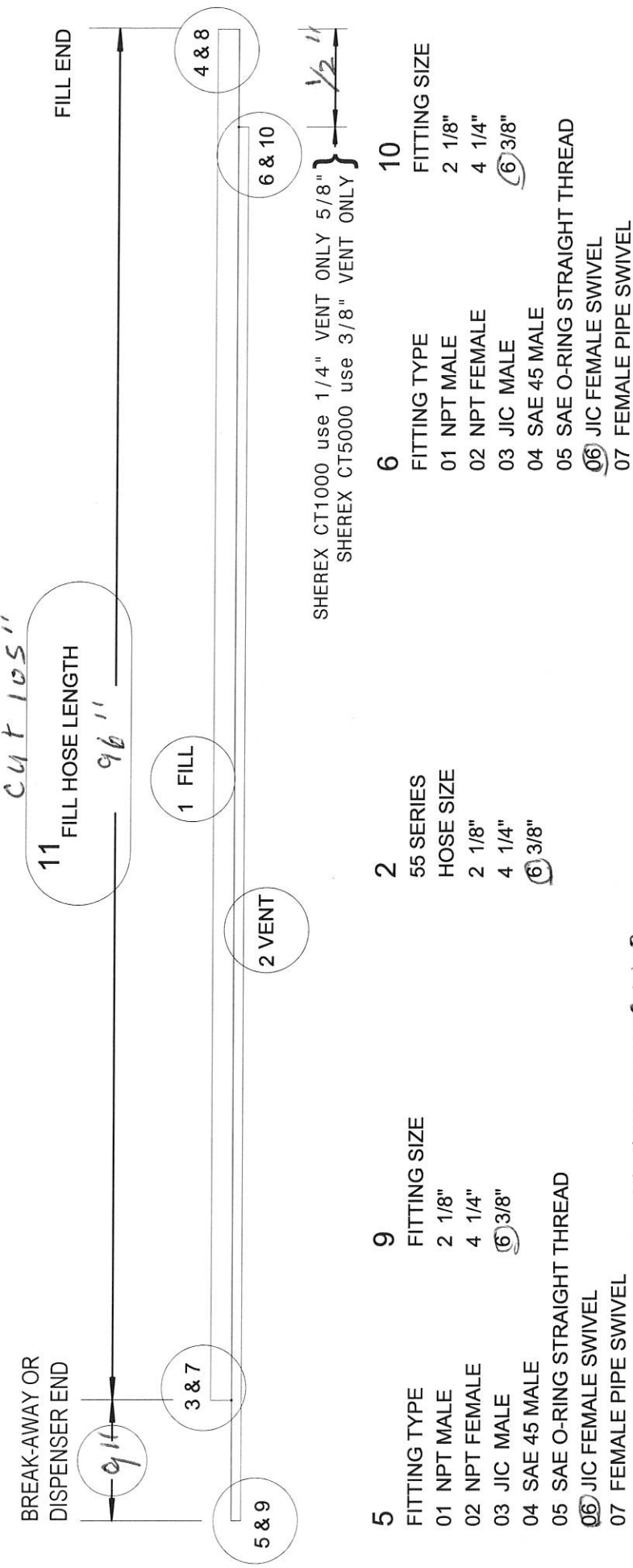
0-03

- 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 | 12 3/4" |
| 06 JIC FEMALE SWIVEL | |
| 07 FEMALE PIPE SWIVEL | |

- 1**
- | |
|---------------------|
| 58 SERIES HOSE SIZE |
| 4 1/4" |
| 6 3/8" |
| 8 1/2" |
| 10 5/8" |
| 12 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 | 10 5/8" |
| 05 SAE O-RING STRAIGHT THREAD | 12 3/4" |
| 06 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 | 10 5/8" |
| 05 SAE O-RING STRAIGHT THREAD | 12 3/4" |
| 06 JIC FEMALE SWIVEL | |
| 07 FEMALE PIPE SWIVEL | |



SHEREX CT1000 use 1/4" VENT ONLY 5/8"
 SHEREX CT5000 use 3/8" VENT ONLY 1/2"

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

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

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

w/o Tril 110021 B
Tril 5/11 22081331

WORK ORDER # **TRIL 5/11 22081331**

5CNG 12/5CNG 6 - 06 06 / 06 05 - 12 12 / 16 - 96/1

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

Disp. Serial # 22081333
 Customer Name TULLIUM
 Customer PO WA
 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: _____ | | |
| 10 <input checked="" type="checkbox"/> Assemble fittings; check insertion depth | <u>CH</u> | <u>9/27/2022</u> |
| Remarks: _____ | | |
| 11 <input type="checkbox"/> Set offset angle and/or orientation | <u>CH</u> | <u>9/27/2022</u> |
| 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 | | |
| _____ 1/4) 80C-PO4H | | |
| _____ 3/8) 80C-PO6 | | |
| _____ 3/8) 80C-PO6H | | |
| _____ 1/2) 80C-PO2 | | |
| <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> ; Pass/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-6-55 .675/.695 | | |
| <input checked="" type="checkbox"/> 5CNG-12-58 1.20/1.22 | <u>CH</u> | <u>9/27/2022</u> |
| *****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> |

0.03

- 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" | |

- 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 | |

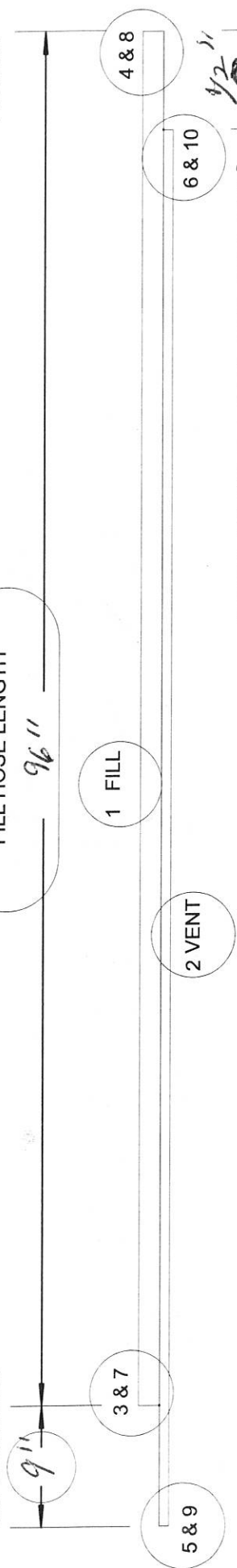
- 8**
- | | |
|--------------|--|
| FITTING SIZE | |
| 4 1/4" | |
| 6 3/8" | |
| 8 1/2" | |
| 12 3/4" | |

BREAK-AWAY OR DISPENSER END

cut ios

11 FILL HOSE LENGTH
96"

FILL 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 | |

- 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" | |

tr/L 110821A

WORK ORDER # 5/1 220813343

1 2 3 4 5 6 7 8 9 10 11

5CNG 12/5CNG 6 - 06 06 / 05 06 - 12 12 / 6 4 - 9 6

FILL HOSE

TULSA GAS TECHNOLOGIES, INC.
10117 EAST 48TH STREET
TULSA, OK 74148
918-665-2641 FAX: 918-665-2657
DESIGNED BY: C. SEWELL
DRAWN BY: C.R.S.
SCALE: NONE
DWG. NO.: FILLHOSE 5CNG 5CNG
SHEET NO. OF
REV. 1