

CERTIFICATE OF CONFORMANCE
FOR
MATERIALS SHIPPED

Tulsa Gas Technologies, Inc. (TGT) hereby certifies that all materials in the manufacture of hoses on W/O22101342 TRILIUM

material and/or 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: *C. R. Kendall*
TITLE: *Assembly*
DATE: *10-24-27*

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

Disp. Serial # 22101342
 Customer Name TRILIUM
 Customer PO N/A
 Date Required 10/24/2022

ASSEMBLY/CERTIFICATION SHEET

	SIGN	DATE
1 <input checked="" type="checkbox"/> Review shop work order versus customer print and history	<u>ek</u>	<u>10/24/2022</u>
2 <input checked="" type="checkbox"/> Component part numbers: <u>W/OTRIL0821A</u>		
Pack dates and/or QC codes <u>5211134312</u>	<u>ek</u>	<u>10/24/2022</u>
3 <input checked="" type="checkbox"/> ID band number <u>5CNG12/5CNG6/0506-1212/66-96"</u>	<u>ek</u>	<u>10/24/2022</u>
4 <input checked="" type="checkbox"/> Hose Cut Length <u>96"</u>	<u>ek</u>	<u>10/6/2022</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>ek</u>	<u>10/24/2022</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>ek</u>	<u>10/24/2022</u>
10 <input checked="" type="checkbox"/> Assemble fittings; check insertion depth Remarks: _____	<u>ek</u>	<u>10/24/2022</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 _____ X 3/4) 80C-P12H	<u>ek</u>	<u>10/24/2022</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>ek</u>	<u>10/24/2022</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>Residual Pressure Test</u>	<u>ek</u>	<u>10/24/2022</u>
17 <input checked="" type="checkbox"/> Flush method water, and then air	<u>ek</u>	<u>10/24/2022</u>
18 <input checked="" type="checkbox"/> Perform and record conductivity test; Meter <u>Megger Mit200</u> Hose resistance _____ (-) Electrode resistance <u>0.03</u> 0.03	<u>ek</u>	<u>10/24/2022</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>ek</u>	<u>10/24/2022</u>
*****100% VISUAL INSPECT FOR THE FOLLOWING*****		
<input checked="" type="checkbox"/> Hose fittings crimped; <input checked="" type="checkbox"/> Air passes through assembly;	<u>ek</u>	<u>10/24/2022</u>
<input checked="" type="checkbox"/> Presence of threads		
20 <input checked="" type="checkbox"/> Cap and package hose	<u>ek</u>	
21 <input checked="" type="checkbox"/> Certificate of Conformance for Materials Shipped (on back)	<u>ek</u>	<u>10/24/2022</u>

Hose # ~~21-01-34312~~ 34312

U103

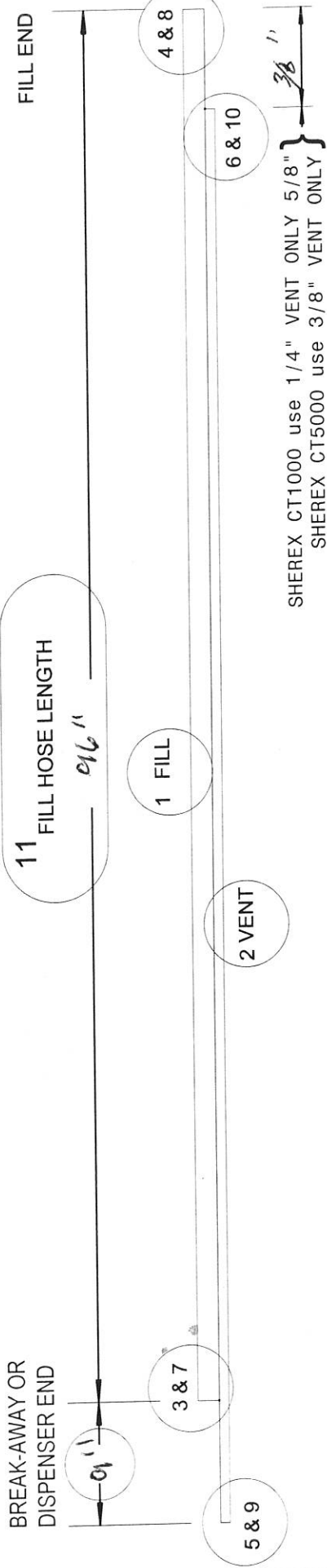
- 3**
- | | |
|-------------------------------|--------------|
| FITTING TYPE | FITTING SIZE |
| 01 NPT MALE | 4 1/4" |
| 02 NPT FEMALE | 6 3/8" |
| 03 JIC MALE | 8 1/2" |
| 04 SAE 45 MALE | 10 5/8" |
| 05 SAE O-RING STRAIGHT THREAD | 12 3/4" |
| 06 JIC FEMALE SWIVEL | |
| 07 FEMALE PIPE SWIVEL | |

- 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 | |

cut 105"
 11 FILL HOSE LENGTH
 916"



- 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 | |

S/N - 22101342

WORK ORDER # TOL 0821A

5CNG 1 2 / 5CNG 6 - 06 06 / 05 06 / 12 12 / 06 06 - 06 11

FILL HOSE	
DATE: 03/27/87	CHECKED BY: C. SEWELL
DESIGNED BY: C. SEWELL	DRAWN BY: C.R.S.
SCALE: NONE	SHEET NO. OF 1
TULSA GAS TECHNOLOGIES, INC. 10117 EAST 48TH STREET TULSA, OK 74146 918-665-2641 FAX: 918-665-2657	

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SIGNED BY: C. D. Kendall
TITLE: Assembly
DATE: 10-24-27

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

Disp. Serial # S/N22101342
 Customer Name TRILIUM
 Customer PO N/A
 Date Required 10/24/2022

ASSEMBLY/CERTIFICATION SHEET

	SIGN	DATE
1 <input checked="" type="checkbox"/> Review shop work order versus customer print and history	_____	<u>10/24/2022</u>
2 <input checked="" type="checkbox"/> Component part numbers: <u>W/OTRIL0821A</u>	_____	_____
Pack dates and/or QC codes <u>5215200803</u>	_____	<u>10/24/2022</u>
3 <input checked="" type="checkbox"/> ID band number <u>5CNG12/5CNG6/0506-1212/66-36"</u>	_____	<u>10/24/2022</u>
4 <input checked="" type="checkbox"/> Hose Cut Length <u>36"</u>	_____	<u>10/6/2022</u>
5 _____ Pre-expansion of hose (if required) Size _____	_____	_____
Remarks: _____	_____	_____
6 <input checked="" type="checkbox"/> Audit and mark appropriate insertion depth	_____	<u>10/24/2022</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>10/24/2022</u>
10 <input checked="" type="checkbox"/> Assemble fittings; check insertion depth	_____	_____
Remarks: _____	_____	<u>10/24/2022</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 _____ X 3/4) 80C-P12H	_____	<u>10/24/2022</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>10/24/2022</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>10/24/2022</u>
17 <input checked="" type="checkbox"/> Flush method water, and then air	_____	<u>10/24/2022</u>
18 <input checked="" type="checkbox"/> Perform and record conductivity test; Meter <u>Megger Mit200</u>	_____	_____
Hose resistance _____ (-) Electrode resistance <u>0.001</u>	_____	_____
0.001	_____	<u>10/24/2022</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>10/24/2022</u>
_____ 5CNG-6-55 .675/.695 <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>10/24/2022</u>
20 <input checked="" type="checkbox"/> Cap and package hose	_____	_____
21 <input checked="" type="checkbox"/> Certificate of Conformance for Materials Shipped (on back)	_____	<u>10/24/2022</u>

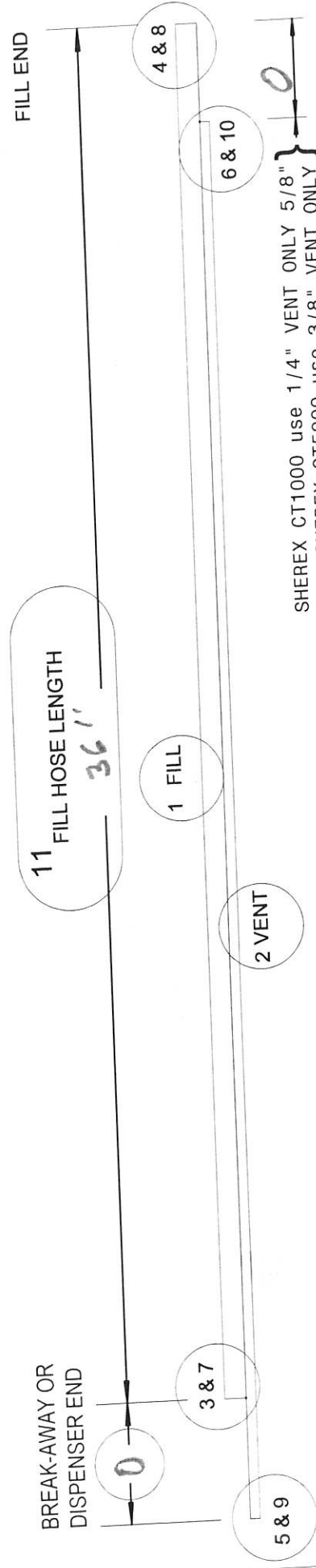
HOSE # 5215200803

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

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



FILL END

BREAK-AWAY OR DISPENSER END

5 & 9

3 & 7

1 FILL

2 VENT

4 & 8

6 & 10

10

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
- 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
- FITTING SIZE
 2 1/8"
 4 1/4"
 6 3/8"

WORK ORDER # TULL 1108 ABC

5CNG 12 / 5CNG 16 - 06 06 / 05 06 - 12 12 / 66 - 36

1 2 3 4 5 6 7 8 9 10 11

TULSA GAS TECHNOLOGIES, INC. 10117 EAST 48TH STREET TULSA, OK 74146 918-665-2641 FAX: 918-665-2657	
FILL HOSE	
DATE: 03/27/97	CHECKED BY: C. SEWELL
DESIGNED BY: C. SEWELL	SCALE: NONE
DRAWN BY: C.R.S.	SHEET NO. OF
DWG. NO. FILLHOSE 5CNG 5CNG	REV. 1