

CERTIFICATE OF CONFORMANCE
FOR
MATERIALS SHIPPED

Tulsa Gas Technologies, Inc. (TGT) hereby certifies that all materials in the manufacture of hoses on TGT S/N21061327 JWPC 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: S. R. Kendall

TITLE: Assembly

DATE: 6-14-22

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

Disp. Serial # S/N21061327
 Customer Name JWPC
 Customer PO N/A
 Date Required 6/15/2022

ASSEMBLY/CERTIFICATION SHEET

		SIGN	DATE
1	<input checked="" type="checkbox"/> Review shop work order versus customer print and history	<u>CK</u>	<u>6/15/2022</u>
2	<input checked="" type="checkbox"/> Component part numbers: <u>W/OJWPC121</u>		
	Pack dates and/or QC codes <u>5207109128</u>	<u>CK</u>	<u>6/15/2022</u>
3	<input checked="" type="checkbox"/> ID band number <u>5CNG8/5CNG4-0606/0506-128/64-96"</u>	<u>CK</u>	<u>6/15/2022</u>
4	<input checked="" type="checkbox"/> Hose Cut Length <u>96"</u>	<u>CK</u>	<u>6/15/2022</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>CK</u>	<u>6/15/2022</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>CK</u>	<u>6/15/2022</u>
10	<input checked="" type="checkbox"/> Assemble fittings; check insertion depth Remarks: _____	<u>CK</u>	<u>6/15/2022</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		
	<input type="checkbox"/> 1/2) 80C-PO8H <input checked="" type="checkbox"/> 3/8) 80C-PO6H		
	<input type="checkbox"/> 1/4) 80C-PO4H <input type="checkbox"/> 1/2) 80C-PO2		
	<input type="checkbox"/> 3/8) 80C-PO6 <input type="checkbox"/> 3/4) 80C-P12H	<u>CK</u>	<u>6/15/2022</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>CK</u>	<u>6/15/2022</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>CK</u>	<u>6/15/2022</u>
17	<input checked="" type="checkbox"/> Flush method water, and then air	<u>CK</u>	<u>6/14/2022</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>CK</u>	<u>6/15/2022</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 <input checked="" type="checkbox"/> 5CNG-8-58 .900/.920 _____ 5CNG-6-55 .675/.695 _____ 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>CK</u>	<u>6/15/2022</u>
20	<input checked="" type="checkbox"/> Cap and package hose	<u>CK</u>	<u>6/15/2022</u>
21	<input checked="" type="checkbox"/> Certificate of Conformance for Materials Shipped (on back)	<u>CK</u>	<u>6/15/2022</u>

0.03

17 nose

5-11000

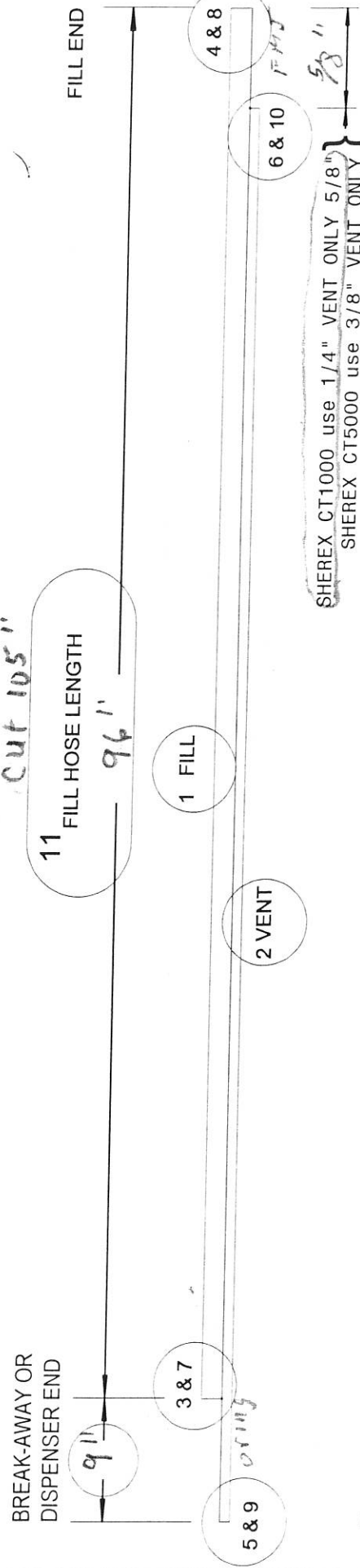
500 1151150

- 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" | |

- 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" | |
- 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" | |

cut 105"

11 FILL HOSE LENGTH 96"



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

WORK ORDER # JWPC 121521

5CNG 1/8 / 5CNG 1/4 - 06106 / 0506 - 12 8 / 67 - 96

CERTIFICATE OF CONFORMANCE
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Tulsa Gas Technologies, Inc. (TGT) hereby certifies that all materials in the manufacture of hoses on TGT S/N21061327 JWPC 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. H. Endall
TITLE: Assembly
DATE: 6-14-27

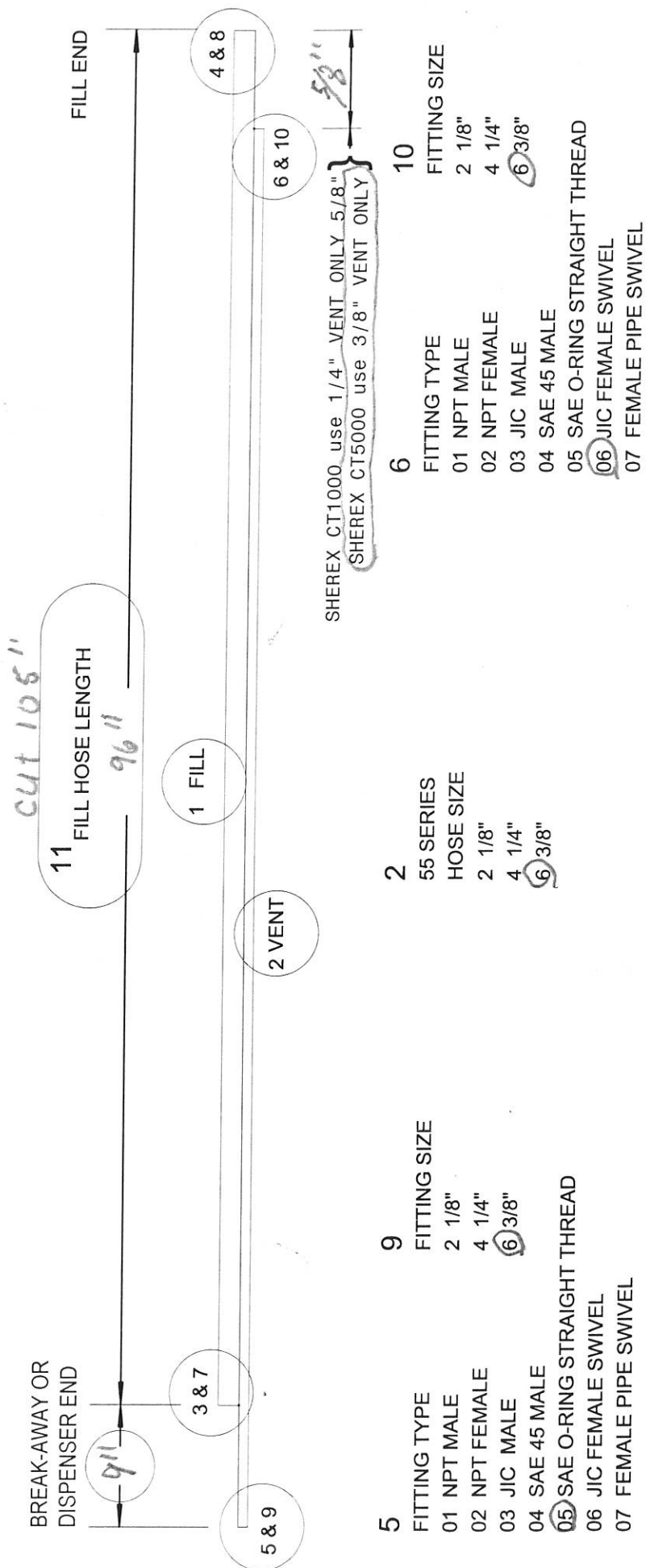
Tulsa Gas Technologies, Inc.
 4809 S. 101st. E. Ave.
 Tulsa, OK 74146
 918-665-2641

Disp. Serial # 5/1121061327
 Customer Name JWPC
 Customer PO N/A
 Date Required 6/14/2022

ASSEMBLY/CERTIFICATION SHEET

	SIGN	DATE
1 <input checked="" type="checkbox"/> Review shop work order versus customer print and history	<u>CK</u>	<u>6/14/2022</u>
2 <input checked="" type="checkbox"/> Component part numbers: <u>W/OJWPC121521</u>		
Pack dates and/or QC codes <u>5215208809</u>	<u>CK</u>	<u>6/14/2022</u>
3 <input checked="" type="checkbox"/> ID band number <u>5CNG12/5CNG6-0606/0506-1212/66-96"</u>	<u>CK</u>	<u>6/14/2022</u>
4 <input checked="" type="checkbox"/> Hose Cut Length <u>96"</u>	<u>CK</u>	<u>6/14/2022</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>CK</u>	<u>6/14/2022</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>CK</u>	<u>6/14/2022</u>
10 <input checked="" type="checkbox"/> Assemble fittings; check insertion depth		
Remarks: _____	<u>CK</u>	<u>6/14/2022</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>CK</u>	<u>6/14/2022</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>CK</u>	<u>6/14/2022</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>Pass at Pressure Test</u>	<u>CK</u>	<u>6/14/2022</u>
17 <input checked="" type="checkbox"/> Flush method water, and then air	<u>CK</u>	<u>6/14/2022</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>CK</u>	<u>6/14/2022</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>CK</u>	<u>6/14/2022</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>CK</u>	<u>6/14/2022</u>
20 <input checked="" type="checkbox"/> Cap and package hose	<u>CK</u>	<u>6/14/2022</u>
21 <input checked="" type="checkbox"/> Certificate of Conformance for Materials Shipped (on back)	<u>CK</u>	<u>6/14/2022</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"
- 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"



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

- 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"

WORK ORDER # 5WPC121521

5CNG 12 / 5CNG 6 - 0606 / 0506 - 1212 / 66 - 96

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

TULSA GAS TECHNOLOGIES, INC.
 10117 EAST 48TH STREET
 TULSA, OK 74146
 918-665-2641 FAX: 918-665-2657

CERTIFICATE OF CONFORMANCE
FOR
MATERIALS SHIPPED

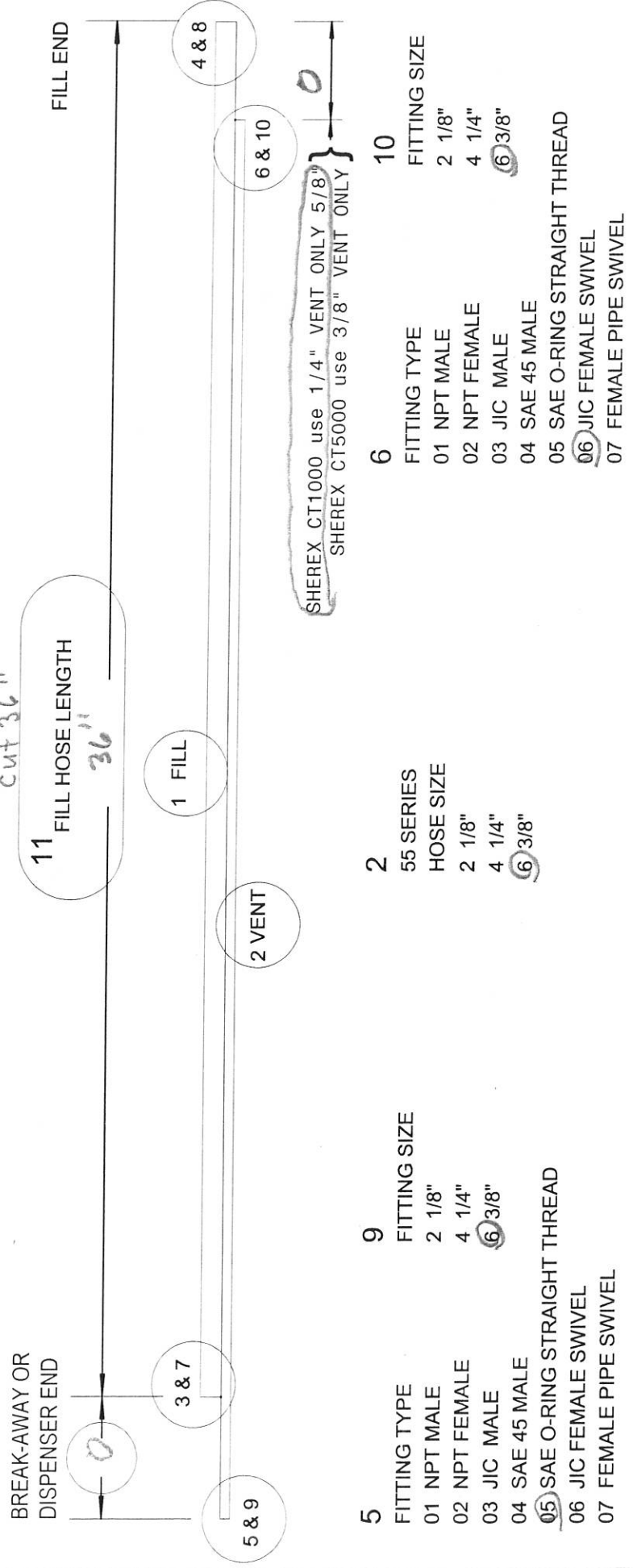
Tulsa Gas Technologies, Inc. (TGT) hereby certifies that all materials in the manufacture of hoses on TGT S/N21061327 JWPC material and/or manufacturing specifications indicated in drawings, bulletins or specifications as called for on the said purchase order. Test reports are on file with us or with 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. Hendricks*

TITLE: *Assembly*

DATE: *6-14-22*

- 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"



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

WORK ORDER # JWPC 121521

5CNG 12/50NG 6-0606 / 0506 - 12 12 / 66 - 36