

CERTIFICATE OF CONFORMANCE
FOR
MATERIALS SHIPPED

Tulsa Gas Technologies, Inc. (TGT) hereby certifies that all materials in the manufacture of hoses on W/OJWPC020122 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. Rendall
TITLE: Assembly
DATE: 9-28-22

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

Disp. Serial # JWPC020122
Customer Name JWPC
Customer PO N/A
Date Required 9/28/2022

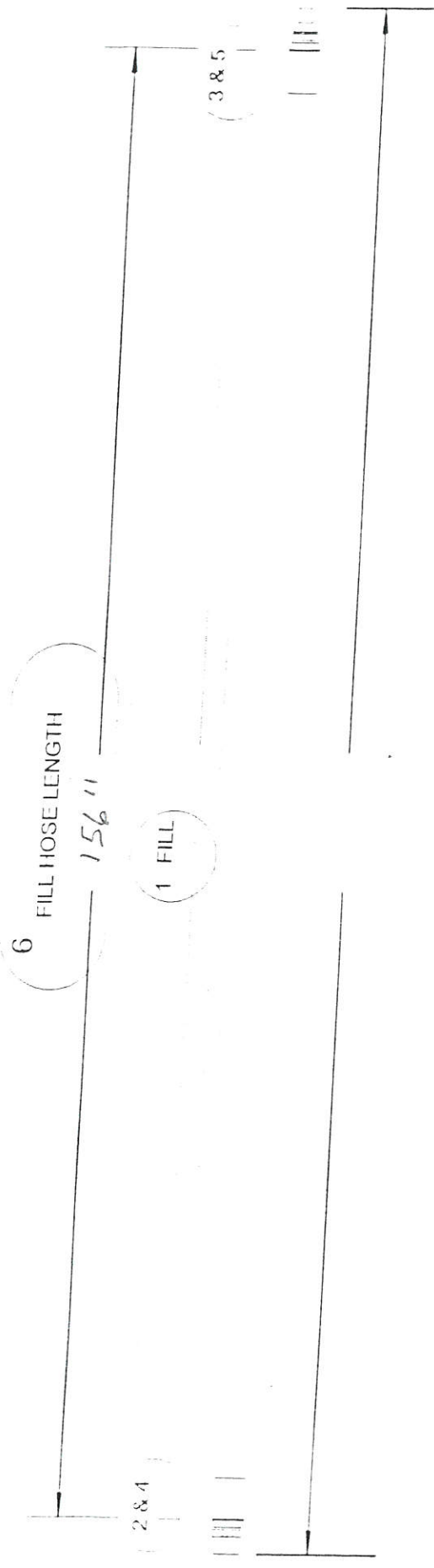
ASSEMBLY/CERTIFICATION SHEET

	SIGN	DATE																
1 <input checked="" type="checkbox"/> Review shop work order versus customer print and history	<u>CK</u>	<u>9/28/2022</u>																
2 <input checked="" type="checkbox"/> Component part numbers: <u>5219107002</u> Pack dates and/or QC codes <u>Fill Post</u>	<u>CK</u>	<u>9/28/2022</u>																
3 <input checked="" type="checkbox"/> ID band number <u>5CNG8-0606-88-156"</u>	<u>CK</u>	<u>9/28/2022</u>																
4 <input checked="" type="checkbox"/> Hose Cut Length <u>156"</u>	<u>CK</u>	<u>9/28/2022</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>9/28/2022</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>9/28/2022</u>																
10 <input checked="" type="checkbox"/> Assemble fittings; check insertion depth Remarks: _____	<u>CK</u>	<u>9/28/2022</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 <table border="0" style="width: 100%;"><tr><td>_____ 1/2) 80C-PO8H</td><td>_____ 3/8) 80C-PO6H</td></tr><tr><td>_____ 1/4) 80C-PO4H</td><td><u>X</u> 1/2) 80C-PO2</td></tr><tr><td>_____ 3/8) 80C-PO6</td><td>_____ 3/4) 80C-P12H</td></tr></table>	_____ 1/2) 80C-PO8H	_____ 3/8) 80C-PO6H	_____ 1/4) 80C-PO4H	<u>X</u> 1/2) 80C-PO2	_____ 3/8) 80C-PO6	_____ 3/4) 80C-P12H	<u>CK</u>	<u>9/28/2022</u>										
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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>9/28/2022</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>9/28/2022</u>																
17 <input checked="" type="checkbox"/> Flush method water, and then air	<u>CK</u>	<u>9/28/2022</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>9/28/2022</u>																
19 <input checked="" type="checkbox"/> Final audit: Check boxes for items inspected, as applicable: <table border="0" style="width: 100%;"><tr><td><input checked="" type="checkbox"/> Correct hose;</td><td><input checked="" type="checkbox"/> Correct fittings;</td><td><input checked="" type="checkbox"/> Correct customer PN</td></tr><tr><td>Check swage or crimp diameters: _____ 5CNG-4-55 .580+-.05</td><td></td><td></td></tr><tr><td>_____ 5CNG-4-58 .785/.805</td><td><u>X</u> _____ 5CNG-8-58 .900/.920</td><td><u>CK</u> <u>9/28/2022</u></td></tr><tr><td>_____ 5CNG-6-55 .675/.695</td><td><u>\</u> _____ 5CNG-12-58 1.20/1.22</td><td></td></tr></table> <p>*****100% VISUAL INSPECT FOR THE FOLLOWING*****</p> <table border="0" style="width: 100%;"><tr><td><input checked="" type="checkbox"/> Hose fittings crimped;</td><td><input checked="" type="checkbox"/> Air passes through assembly;</td></tr><tr><td><input checked="" type="checkbox"/> Presence of threads</td><td></td></tr></table>	<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	<u>X</u> _____ 5CNG-8-58 .900/.920	<u>CK</u> <u>9/28/2022</u>	_____ 5CNG-6-55 .675/.695	<u>\</u> _____ 5CNG-12-58 1.20/1.22		<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>9/28/2022</u>
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<input checked="" type="checkbox"/> Presence of threads																		
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>9/28/2022</u>																

4 Hoses

0.03

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



WORK ORDER # JWPC020122

5CNG

1	8	2	3	4	5	6
	8	06	06	88	88	156"

FILL HOSE

DATE 03/17/15
 BY SHERIDAN C. SWILL
 DRAWN BY J.P.S.
 DWG NO. Short Fillhose.dwg

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

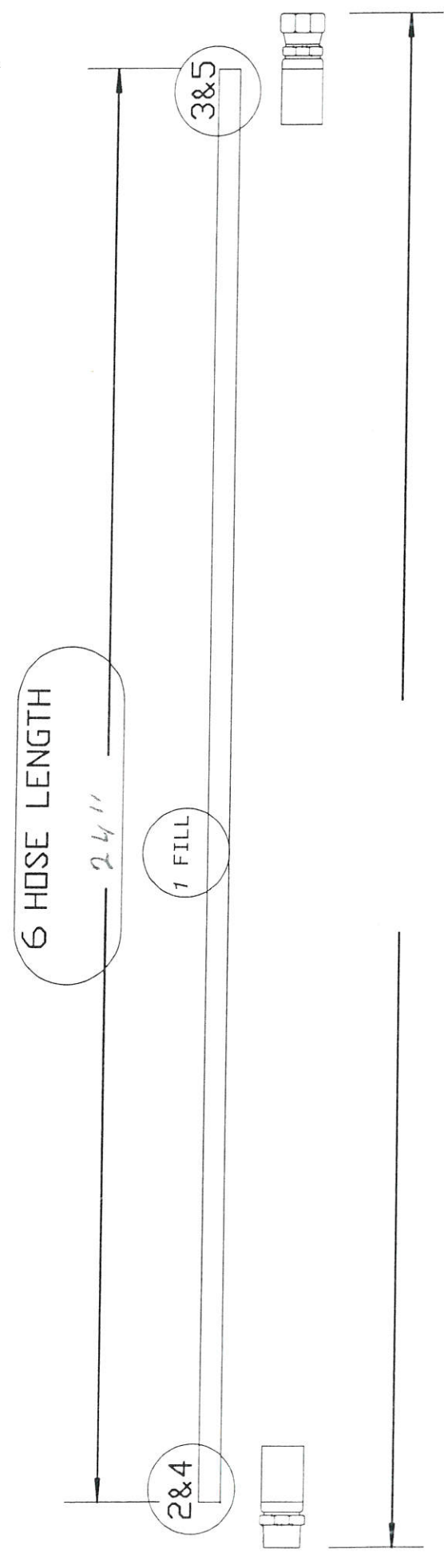
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2	<input checked="" type="checkbox"/> Component part numbers: _____ 5219107002 Pack dates and/or QC codes _____ <u>FULL POST</u>	<u>ck</u>	<u>9/28/2022</u>							
3	<input checked="" type="checkbox"/> ID band number _____ 5CNG8-0606-88-24"	<u>ck</u>	<u>9/28/2022</u>							
4	<input checked="" type="checkbox"/> Hose Cut Length _____ 24"	<u>ck</u>	<u>9/28/2022</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>9/28/2022</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>9/28/2022</u>							
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0.01

- 2** FITTING TYPE
01 NPT MALE
02 NPT FEMALE
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06 JIC FEMALE SWIVEL
07 FEMALE PIPE SWIVEL
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07 FEMALE PIPE SWIVEL
- 4** FITTING SIZE
4 1/4"
6 3/8"
8 1/2"
12 3/4"
- 5** FITTING SIZE
4 1/4"
6 3/8"
8 1/2"
12 3/4"



WORK ORDER # JWPC 020122

5CNG - - -

TULSA GAS TECHNOLOGIES, INC. 10117 EAST 48TH STREET TULSA, OK 74146	
DATE:	CHECKED BY:
DESIGNED BY: C. SEVELL	DRAWN BY: C.R.S.
DWG. NO. FILLHOSE 5CNG	SCALE: NONE
SHEET NO. 0F	REV. 1