

CERTIFICATE OF CONFORMANCE  
FOR  
MATERIALS SHIPPED

Tulsa Gas Technologies, Inc. (TGT) hereby certifies that all materials in the manufacture of hoses for W/O # TRIL021723 conform to the 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. Wendall  
TITLE: Assembly  
DATE: 11/7/2023

517-23101434

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

Work Order # TRIL021723  
Customer Name TRILLUM  
Customer PO 4500123355  
Date Required 11/7/2023

ASSEMBLY/CERTIFICATION SHEET

- |   | SIGN   | DATE  |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
|---|--|---|---|---|--------------------|---|---------------------------|---------------------------|--|---------------------------|--|--|--|--|---|--|-----|-----------|
| 1 <input checked="" type="checkbox"/> Review shop work order versus customer print and history  | C/K  | 11/7/2023   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| 2 <input checked="" type="checkbox"/> Component part numbers: <u>5217319525</u><br>Pack dates and/or QC codes _____   | C/K  | 11/7/2023   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| 3 <input checked="" type="checkbox"/> ID band number <u>5CNG-12/5CNG/6-0606/0106/1212/26-38</u>   |  |   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| 4 <input checked="" type="checkbox"/> Hose Cut Length <u>36'</u>  |  |   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| 5 _____ Pre-expansion of hose (if required) Size _____<br>Remarks: _____  |  |   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| 6 <input checked="" type="checkbox"/> Audit and mark appropriate insertion depth  |  |   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| 7 _____ Add special accessories _____<br>Remarks: _____   |  |   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| 8 <input checked="" type="checkbox"/> Apply danger tag and ID band  |  |   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| 9 <input checked="" type="checkbox"/> Install bend restrictors<br>Remarks: _____  | C/K  | 11/7/2023   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| 10 <input checked="" type="checkbox"/> Assemble fittings; check insertion depth<br>Remarks: _____   |  |   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| 11 _____ Set offset angle and/or orientation<br>Remarks: _____  |  |   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| 12 <input checked="" type="checkbox"/> Perform crimp or swage on product/crimp set die-using Parker Catalog 4660, page K58<br><br><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>_____ 1/8) 80C-PO2</td> </tr> <tr> <td>_____ 3/8) 80C-PO6</td> <td><input checked="" type="checkbox"/> 3/4) 80C-P12H</td> </tr> </table>   | _____ 1/2) 80C-PO8H  | _____ 3/8) 80C-PO6H                                     | _____ 1/4) 80C-PO4H                                     | _____ 1/8) 80C-PO2  | _____ 3/8) 80C-PO6 | <input checked="" type="checkbox"/> 3/4) 80C-P12H | C/K                       | 11/7/2023                 |  |                           |  |  |  |  |   |  |     |           |
| _____ 1/2) 80C-PO8H   | _____ 3/8) 80C-PO6H  |   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| _____ 1/4) 80C-PO4H   | _____ 1/8) 80C-PO2   |   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| _____ 3/8) 80C-PO6  | <input checked="" type="checkbox"/> 3/4) 80C-P12H                |   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| 13 _____ Add special accessories after crimping/swaging   |  |   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| 14 _____ Perform and record burst test results, if applicable<br>Remarks: _____   |  |   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| 15 _____ Air test, if applicable<br>Test pressure Psi _____ Seconds _____; Pass/Fail (Circle One)<br>Remarks: _____   |  |   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| 16 <input checked="" type="checkbox"/> Hydrostatic proof test<br>Test pressure Psi <u>10,000</u> Seconds <u>30</u> ; <input checked="" type="checkbox"/> Pass/Fail (Circle One)<br>Remarks: <u>Passed Pressure Test</u>   | C/K  | 11/7/2023   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| 17 <input checked="" type="checkbox"/> Flush method water, and then air   |  |   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| 18 <input checked="" type="checkbox"/> Perform and record conductivity test; Meter <u>Megger Mit200</u><br>Hose resistance _____ (-) Electrode resistance <u>0.03</u><br>(=) Final hose resistance <u>0.03</u>  | C/K  | 11/7/2023   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| 19 <input checked="" type="checkbox"/> Final audit: Check boxes for items inspected, as applicable:<br><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 colspan="3">Check swage or crimp diameters: _____ 5CNG-4-58 .668/.688</td> </tr> <tr> <td>_____ 5CNG-4-58 .785/.805</td> <td>_____ 5CNG-8-58 .900/.920</td> <td></td> </tr> <tr> <td>_____ 5CNG-6-55 .675/.695</td> <td><input checked="" type="checkbox"/> 5CNG-12-58 1.20/1.22</td> <td></td> </tr> </table> <p style="text-align: center;">*****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-4-58 .668/.688 |                    |   | _____ 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 |  | <input checked="" type="checkbox"/> Hose fittings crimped; | <input checked="" type="checkbox"/> Air passes through assembly; | <input checked="" type="checkbox"/> Presence of threads |  | C/K | 11/7/2023 |
| <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-4-58 .668/.688   |  |   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| _____ 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         |   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| <input checked="" type="checkbox"/> Hose fittings crimped;  | <input checked="" type="checkbox"/> Air passes through assembly; |   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| <input checked="" type="checkbox"/> Presence of threads   |  |   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
| 20 <input checked="" type="checkbox"/> Cap and package hose   | C/K  | 11/7/2023   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |
|   | C/K  | 11/7/2023   |   |   |                    |   |                           |                           |  |                           |  |  |  |  |   |  |     |           |



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

CG SERIES HOSE SIZE

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

4

FITTING TYPE

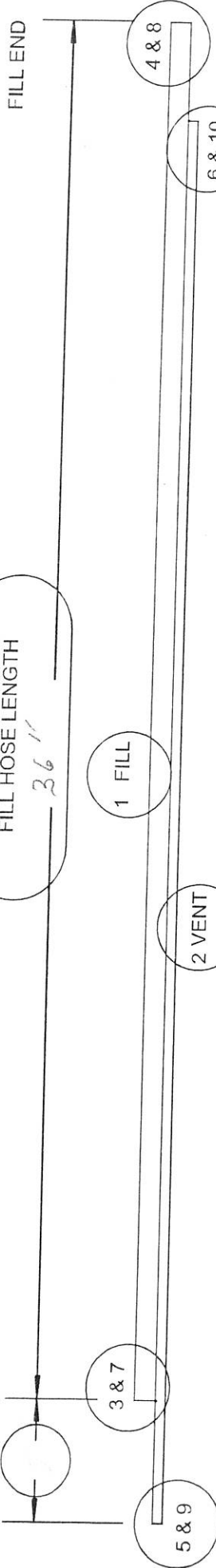
- 01 NPT MALE
- 02 NPT FEMALE
- 03 JIC MALE
- 04 SAE 45 MALE
- 05 SAE O-RING STRAIGHT THREAD
- 06 JIC FEMALE SWIVEL
- 07 FEMALE PIPE SWIVEL

8

FITTING SIZE

- 4 1/4"
- 6 3/8"
- 8 1/2"
- 10 5/8"
- 12 3/4"

BREAK-AWAY OR DISPENSER 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

9

FITTING SIZE

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

2

CG SERIES HOSE SIZE

- 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"

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

WORK ORDER # 7RLL027723

1 2 3 4 5 6 7 8 9 10 11  
 5CNG 12/5CNG 6-06 06/01 06-11/26 - 36"

FILL HOSE

DATE: 04/27/07	DESIGNED BY: G. SEWELL	CHECKED BY: G.R.S.	SCALE: NONE
THE SAE HOSE FABRICATOR, INC. 1017 LAKE BOULEVARD THUNDERBOLT, TX 75146 918-666-2041 FAX: 918-666-2087			