

CERTIFICATE OF CONFORMANCE  
FOR  
MATERIALS SHIPPED

Tulsa Gas Technologies, Inc. (TGT) hereby certifies that all materials in the manufacture of hoses on TGT Serial Number 19051266 received by us from TRIL SWIFT water conform to the 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 nor 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. D. Kendall  
TITLE: ASSEMBLE  
DATE: 10-3-19



cut 1020

- 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

- 1 58 SERIES HOSE 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"

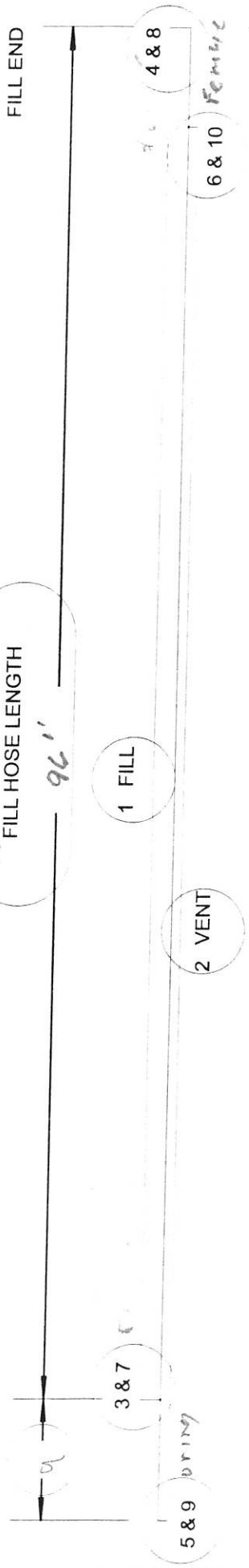
cut 105"

11 FILL HOSE LENGTH

96"

FILL END

BREAK-AWAY 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"

10

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

STANDARD 3" SHEREX 5/8"

58"

WORK ORDER # TRIL050719 SWIFTWATER

5CNG12/5CNG6-0606/0506-08/04-96"

FILL HOSE

CERTIFICATE OF CONFORMANCE  
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Tulsa Gas Technologies, Inc. (TGT) hereby certifies that all materials in the manufacture of hoses on TGT Serial Number 19051266 received by us from TML SWIFT WATER conform to the 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 nor 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. Herdahl  
TITLE: ~~10-3-19~~ ASSEMBLER  
DATE: 10-3-19



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

Disp. Serial # 19051266  
 Customer Name Trih. Swift water  
 Customer PO 4500035492  
 Date Required 10/3/2019

ASSEMBLY/CERTIFICATION SHEET

|    |   | SIGN      | DATE             |
|----|---|-----------|------------------|
| 1  | <input checked="" type="checkbox"/> Review shop work order versus customer print and history  |           | <u>10/3/2019</u> |
| 2  | <input checked="" type="checkbox"/> Component part numbers: _____<br>Pack dates and/or QC codes <u>5210730624</u>   | <u>ck</u> | <u>10/3/2019</u> |
| 3  | <input checked="" type="checkbox"/> ID band number <u>5CNG 8/5CNG 4 - 0606/0506-12-8/16-36"</u>   | <u>ck</u> | <u>10/3/2019</u> |
| 4  | <input checked="" type="checkbox"/> Hose Cut Length <u>36"</u>  | <u>ck</u> | <u>10/3/2019</u> |
| 5  | Pre-expansion of hose (if required) Size _____<br>Remarks: _____  |           |                  |
| 6  | <input checked="" type="checkbox"/> Audit and mark appropriate insertion depth  | <u>ck</u> | <u>10/3/2019</u> |
| 7  | Add special accessories _____<br>Remarks: _____   |           |                  |
| 8  | <input checked="" type="checkbox"/> Apply danger tag and ID band  | <u>ck</u> | <u>10/3/2019</u> |
| 9  | <input checked="" type="checkbox"/> Install bend restrictors<br>Remarks: _____  | <u>ck</u> | <u>10/3/2019</u> |
| 10 | <input checked="" type="checkbox"/> Assemble fittings; check insertion depth<br>Remarks: _____  | <u>ck</u> | <u>10/3/2019</u> |
| 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>_____ 1/2) 80C-PO8H _____ 3/8) 80C-PO6H<br>_____ 1/4) 80C-PO4H _____ 1/8) 80C-PO2<br>_____ 3/8) 80C-PO6 _____ X 3/4) 80C-P12H  | <u>ck</u> | <u>10/3/2019</u> |
| 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> ; <u>Pass</u> Fail (Circle One)<br>Remarks: <u>Recessed Pressure test</u>   | <u>ck</u> | <u>10/3/2019</u> |
| 17 | <input checked="" type="checkbox"/> Flush method water, and then air  | <u>ck</u> | <u>10/3/2019</u> |
| 18 | <input checked="" type="checkbox"/> Perform and record conductivity test; Meter <u>Megger Mit200</u><br>Hose resistance <u>0</u> (-) Electrode resistance <u>0.01</u><br><u>0.01</u>  | <u>ck</u> | <u>10/3/2019</u> |
| 19 | <input checked="" type="checkbox"/> Final audit: Check boxes for items inspected, as applicable:<br><input checked="" type="checkbox"/> Correct hose; <input checked="" type="checkbox"/> Correct fittings; <input checked="" type="checkbox"/> Correct customer PN<br>Check swage or crimp diameters: _____ 5CNG-4-55 .580+- .05<br>_____ 5CNG-4-58 .785/.805 _____ 5CNG-8-58 .900/.920<br>_____ 5CNG-6-55 .675/.695 <input checked="" type="checkbox"/> 5CNG-12-58 1.20/1.22<br>*****100% VISUAL INSPECT FOR THE FOLLOWING*****<br><input checked="" type="checkbox"/> Hose fittings crimped; <input checked="" type="checkbox"/> Air passes through assembly;<br><input checked="" type="checkbox"/> Presence of threads | <u>ck</u> | <u>10/3/2019</u> |
| 20 | <input checked="" type="checkbox"/> Cap and package hose  | <u>ck</u> | <u>10/3/2019</u> |
| 21 | <input checked="" type="checkbox"/> Certificate of Conformance for Materials Shipped (on back)  | <u>ck</u> | <u>10/3/2019</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"  
12 3/4"

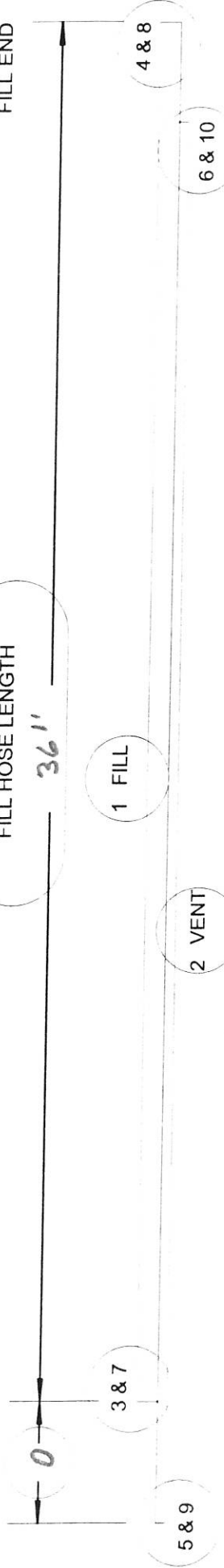
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- 8 FITTING SIZE  
4 1/4"  
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BREAK-AWAY END

11 FILL HOSE LENGTH  
36"

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"

STANDARD 3"  
SHEREX 5/8"

WORK ORDER # Tril 050719 Swiftwater

5CNG 9/5CNG 4-0606/0506-128/44-761

FILL HOSE

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SIGNED BY: C.R. Kendall  
TITLE: Assembler  
DATE: 10-3-19





CT 5000

- 3 FITTING TYPE
- 01 NPT MALE
- 02 NPT FEMALE
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- 04 SAE 45 MALE
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- 07 FEMALE PIPE SWIVEL

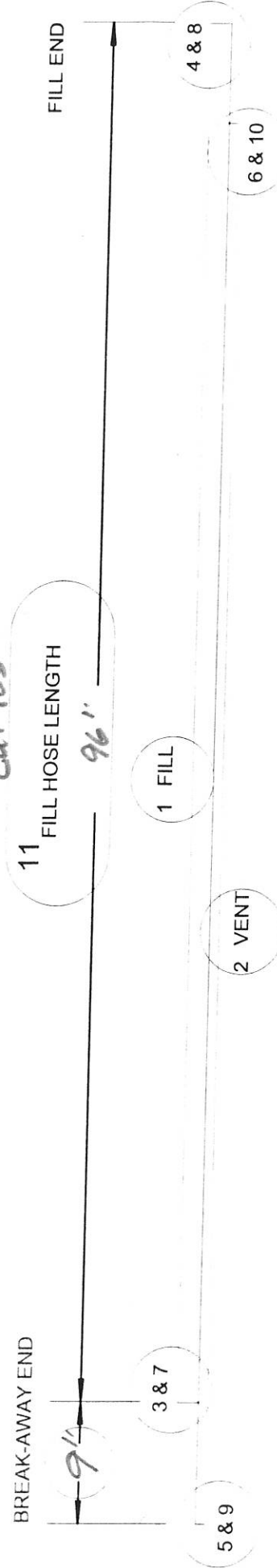
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8

- FITTING SIZE
- 4 1/4"
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Cut 105' 96'



- 5 FITTING TYPE
- 01 NPT MALE
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- 2 55 SERIES HOSE SIZE
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6

- FITTING TYPE
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10

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

STANDARD 3" SHEREX 5/8" 5/8"

S/N 19081266

WORK ORDER # TR11 050719 SWIFT WATER

5CNG 12/5CNG 6-06 06/05 06 - 12/12/06 - 96'

FILL HOSE

DATE: 03/27/97  
 DESIGNED BY: C. SEWELL  
 DRAWN BY: C.R.S.  
 DWG. NO. FILLHOSE.worlorder.dwg2 SHEET NO. OF 1

THORNTON CAS TECHNICAL SERVICES, INC.  
 10117 EAST 40TH STREET  
 IRVING, TX 75038  
 910.605.2641 FAX: 910.605.2657

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SIGNED BY: C.R. Kendall  
TITLE: Assembler  
DATE: 10-3-19



- 3 FITTING TYPE  
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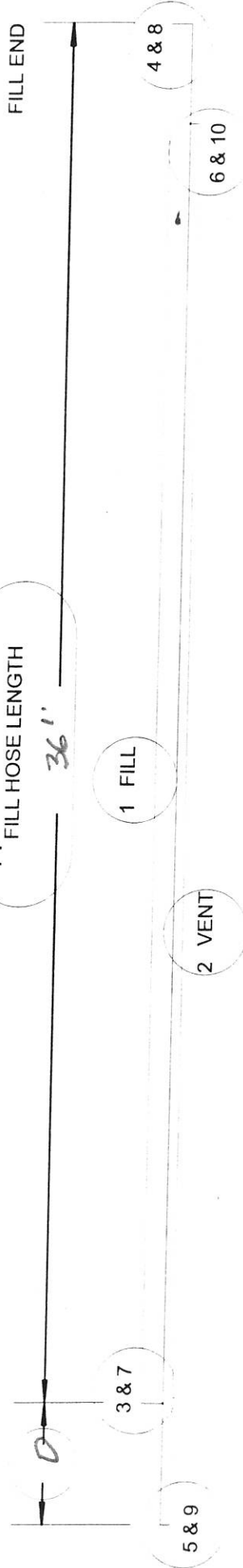
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HOSE SIZE  
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8 1/2"  
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- 4 FITTING TYPE  
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06 JIC FEMALE SWIVEL  
07 FEMALE PIPE SWIVEL
- 8 FITTING SIZE  
4 1/4"  
6 3/8"  
8 1/2"  
12 3/4"

BREAK-AWAY END

11 FILL HOSE LENGTH  
36'

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
- 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"

STANDARD 3"  
SHEREX 5/8"

WORK ORDER # *TR1050719* *SWIFTwater*

5CNG<sup>1</sup> 12/5CNG 6- 2 3 4 5 6 7 8 9 10 11  
 4- 06 06 / 05 06 - 12 12 / 66 - 36'

FILL HOSE

DATE 03/27/97  
DESIGNED BY C. SEWELL  
DRAWN BY C.R.S.  
DWG. NO. FILLHOSE workorder.dwg2  
SCALE NONE  
SHEET NO. OF 1

HERSOGAS TECHNOLOGIES, INC.  
10117 EAST 40TH STREET  
LIBRA, CO. 74146  
918 465-2641 FAX: 918 465-2657