

CERTIFICATE OF CONFORMANCE  
FOR  
MATERIALS SHIPPED

Tulsa Gas Technologies, Inc. (TGT) hereby certifies that all materials in the manufacture of serial number 19051257 TRILLIUM TRANS.FUELS 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. Kerbel*  
TITLE: ASSEMBLY  
DATE: 9/19/2019

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

Disp. Serial # 190 51 257  
 Customer Name TRILLIUM TRANS.FUELS  
 Customer PO 4500037155  
 Date Required 9/19/2019

ASSEMBLY/CERTIFICATION SHEET

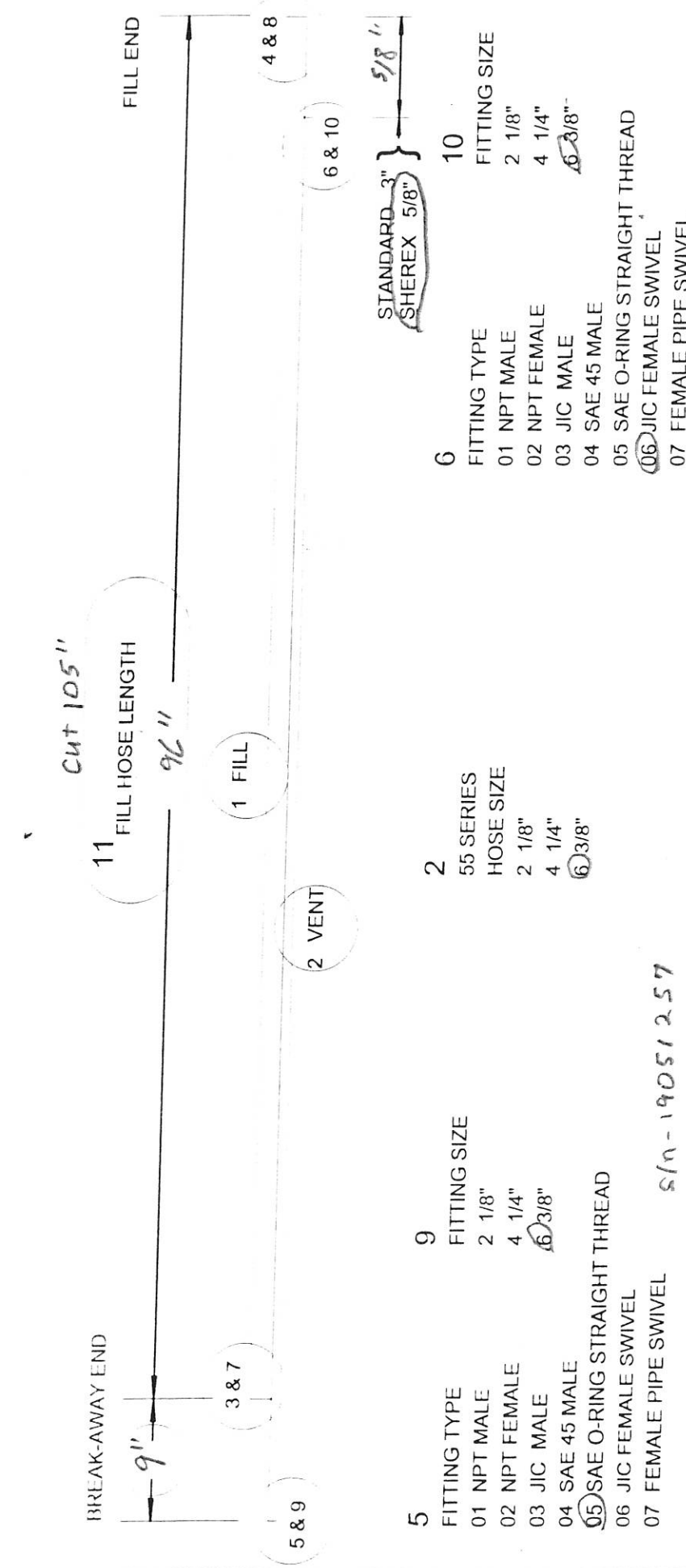
	SIGN	DATE
1 <input checked="" type="checkbox"/> Review shop work order versus customer print and history	<u>CK</u>	<u>9/19/2019</u>
2 <input checked="" type="checkbox"/> Component part numbers: _____ Pack dates and/or QC codes _____	<u>CK</u>	<u>9/19/2019</u>
3 <input checked="" type="checkbox"/> ID band number <u>5214821351</u> 5CNG12/5CNG6-0606/0506-1212/66-96"	<u>CK</u>	<u>9/19/2019</u>
4 <input checked="" type="checkbox"/> Hose Cut Length <u>96"</u>	<u>CK</u>	<u>9/19/2019</u>
5 _____ Pre-expansion of hose (if required) Size _____ Remarks: _____	<u>CK</u>	<u>9/19/2019</u>
6 <input checked="" type="checkbox"/> Audit and mark appropriate insertion depth	<u>CK</u>	<u>9/19/2019</u>
7 _____ Add special accessories _____ Remarks: _____	<u>CK</u>	<u>9/19/2019</u>
8 <input checked="" type="checkbox"/> Apply danger tag and ID band	<u>CK</u>	<u>9/19/2019</u>
9 <input checked="" type="checkbox"/> Install bend restrictors _____ Remarks: _____	<u>CK</u>	<u>9/19/2019</u>
10 <input checked="" type="checkbox"/> Assemble fittings; check insertion depth _____ Remarks: _____	<u>CK</u>	<u>9/19/2019</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 _____ 1/8) 80C-PO2 _____ 3/8) 80C-PO6 _____ X 3/4) 80C-P12H	<u>CK</u>	<u>9/19/2019</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: _____		
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 Pressure test</u>	<u>CK</u>	<u>9/19/2019</u>
17 <input checked="" type="checkbox"/> Flush method water, and then air	<u>CK</u>	<u>9/19/2019</u>
18 <input checked="" type="checkbox"/> Perform and record conductivity test; Meter <u>Megger Mit200</u> Hose resistance <u>0</u> (-) Electrode resistance <u>0.03</u>	<u>CK</u>	<u>9/19/2019</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>CK</u>	<u>9/19/2019</u>
*****100% VISUAL INSPECT FOR THE FOLLOWING*****		
<input checked="" type="checkbox"/> Hose fittings crimped; _____ <input checked="" type="checkbox"/> Air passes through assembly;	<u>CK</u>	<u>9/19/2019</u>
<input checked="" type="checkbox"/> Presence of threads	<u>CK</u>	<u>9/19/2019</u>
20 <input checked="" type="checkbox"/> Cap and package hose	<u>CK</u>	<u>9/19/2019</u>
21 <input checked="" type="checkbox"/> Certificate of Conformance for Materials Shipped (on back)	<u>CK</u>	<u>9/19/2019</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

- 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"



- 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"

WORK ORDER # TRIL 06/319 E. Cleveland OH 10  
 5CNG12/5CNG12-0606/0506-12/12/66-96"

S/n - 19051257

FILL HOSE  
 DATE 03/27/97  
 DRAWN BY C. SEWELL  
 CHECKED BY C.H.S.  
 SCALE NONE  
 SHEET NO. OF 1

INDUSTRIAL HOSE WORKS, INC.  
 1000 EAST WINDYBROOK DRIVE  
 WILSON, OH 45394  
 614 605 2841 FAX 614 605 2857

CERTIFICATE OF CONFORMANCE  
FOR  
MATERIALS SHIPPED

Tulsa Gas Technologies, Inc. (TGT) hereby certifies that all materials in the manufacture of serial number 19051257 TRILLIUM TRANS.FUELS 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: *CR Hendel*

TITLE: ASSEMBLY

DATE: 9/19/2019

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

Disp. Serial # 19051257  
 Customer Name TRILLIUM TRANS.FUELS  
 Customer PO 4500037155  
 Date Required 9/19/2019

ASSEMBLY/CERTIFICATION SHEET

		SIGN	DATE
1	<input checked="" type="checkbox"/> Review shop work order versus customer print and history	<u>CK</u>	<u>9/19/2019</u>
2	<input checked="" type="checkbox"/> Component part numbers: _____ Pack dates and/or QC codes _____		
	<u>5214821350</u>	<u>CK</u>	<u>9/19/2019</u>
3	<input checked="" type="checkbox"/> ID band number _____ 5CNG12/5CNG6-0606/0506-1212/66-36"	<u>CK</u>	<u>9/19/2019</u>
4	<input checked="" type="checkbox"/> Hose Cut Length _____ 36"	<u>CK</u>	<u>9/19/2019</u>
5	Pre-expansion of hose (if required) Size _____ Remarks: _____		
6	<input checked="" type="checkbox"/> Audit and mark appropriate insertion depth	<u>CK</u>	<u>9/19/2019</u>
7	Add special accessories _____ Remarks: _____		
8	<input checked="" type="checkbox"/> Apply danger tag and ID band	<u>CK</u>	<u>9/19/2019</u>
9	<input checked="" type="checkbox"/> Install bend restrictors Remarks: _____	<u>CK</u>	<u>9/19/2019</u>
10	<input checked="" type="checkbox"/> Assemble fittings; check insertion depth Remarks: _____	<u>CK</u>	<u>9/19/2019</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 _____ 1/8) 80C-PO2 _____ 3/8) 80C-PO6 _____ X 3/4) 80C-P12H	<u>CK</u>	<u>9/19/2019</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: _____		
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>Pass Pressure test</u>	<u>CK</u>	<u>9/19/2019</u>
17	<input checked="" type="checkbox"/> Flush method water, and then air	<u>CK</u>	<u>9/19/2019</u>
18	<input checked="" type="checkbox"/> Perform and record conductivity test; Meter _____ Megger Mit200 Hose resistance _____ 0 _____ (-) Electrode resistance _____ 0.01 0.01	<u>CK</u>	<u>9/19/2019</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 *****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>9/19/2019</u>
20	<input checked="" type="checkbox"/> Cap and package hose	<u>CK</u>	<u>9/19/2019</u>
21	<input checked="" type="checkbox"/> Certificate of Conformance for Materials Shipped (on back)	<u>CK</u>	<u>9/19/2019</u>

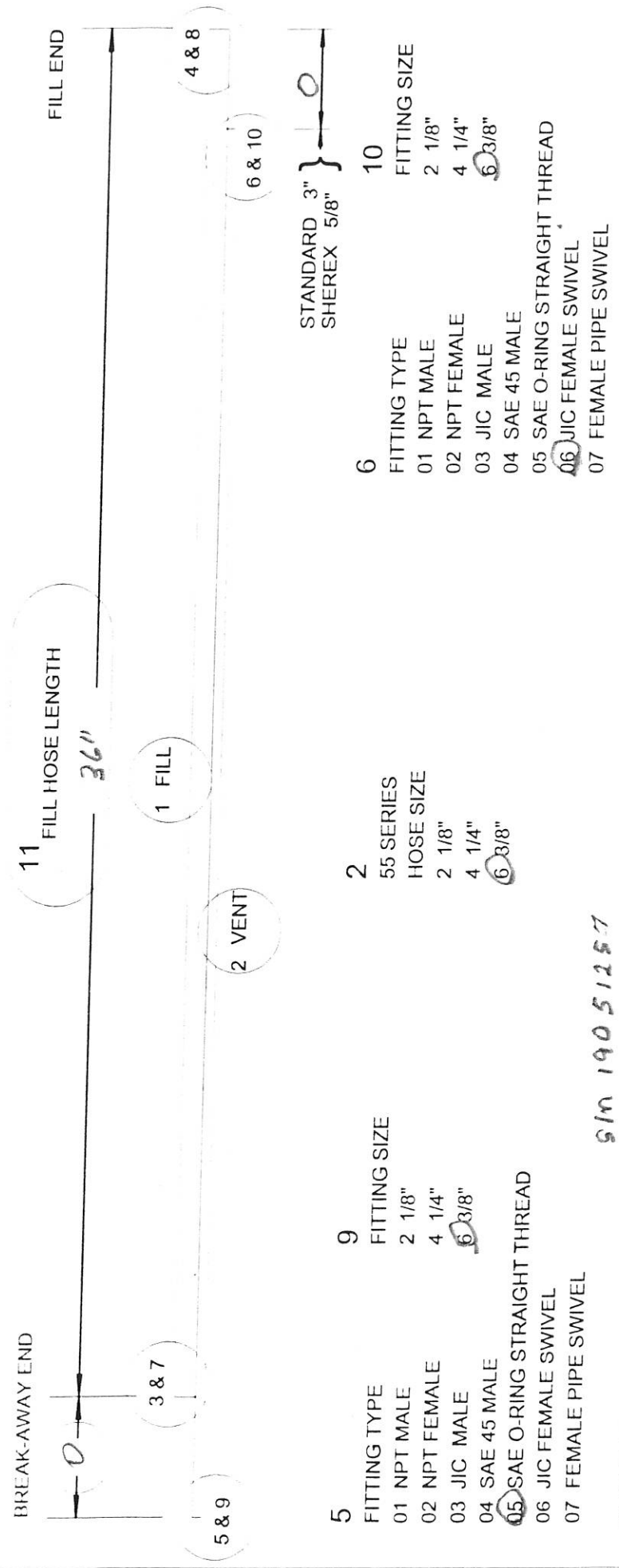
0.01

- 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
- 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
- 7 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"

- 1 58 SERIES
- HOSE SIZE
- 4 1/4"
- 6 3/8"
- 8 1/2"
- 10 5/8"
- 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"
- 15 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"



WORK ORDER # TRIL 061319 E. Cleveland OHIO  
 5CNG12/5CNG12-06-04/05-06-12/12/66-36"  
 1 2 3 4 5 6 7 8 9 10 11  
 S/N 19051257

CERTIFICATE OF CONFORMANCE  
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MATERIALS SHIPPED

Tulsa Gas Technologies, Inc. (TGT) hereby certifies that all materials in the manufacture of serial number 19051257 TRILLIUM TRANS.FUELS 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. Hendell

TITLE: ASSEMBLY

DATE: 9/19/2019

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

Disp. Serial # 9051357  
 Customer Name TRILLIUM TRANS.FUELS  
 Customer PO 4500037155  
 Date Required 9/19/2019

ASSEMBLY/CERTIFICATION SHEET

	SIGN	DATE
1 <input checked="" type="checkbox"/> Review shop work order versus customer print and history	<u>CK</u>	<u>9/19/2019</u>
2 <input checked="" type="checkbox"/> Component part numbers: _____ Pack dates and/or QC codes <u>52143 21351</u>	<u>CK</u>	<u>9/19/2019</u>
3 <input checked="" type="checkbox"/> ID band number <u>5CNG12/5CNG6-0606/0506-1212/66-96"</u>	<u>CK</u>	<u>9/19/2019</u>
4 <input checked="" type="checkbox"/> Hose Cut Length <u>96"</u>	<u>CK</u>	<u>9/19/2019</u>
5 _____ Pre-expansion of hose (if required) Size _____ Remarks: _____		
6 <input checked="" type="checkbox"/> Audit and mark appropriate insertion depth	<u>CK</u>	<u>9/19/2019</u>
7 _____ Add special accessories _____ Remarks: _____		
8 <input checked="" type="checkbox"/> Apply danger tag and ID band	<u>CK</u>	<u>9/19/2019</u>
9 <input checked="" type="checkbox"/> Install bend restrictors Remarks: _____	<u>CK</u>	<u>9/19/2019</u>
10 <input checked="" type="checkbox"/> Assemble fittings; check insertion depth Remarks: _____	<u>CK</u>	<u>9/19/2019</u>
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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: _____		
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>9/19/2019</u>
17 <input checked="" type="checkbox"/> Flush method water, and then air	<u>CK</u>	<u>9/19/2019</u>
18 <input checked="" type="checkbox"/> Perform and record conductivity test; Meter <u>Megger Mit200</u> Hose resistance <u>0</u> (-) Electrode resistance <u>0.03</u> <u>0.03</u>	<u>CK</u>	<u>9/19/2019</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 *****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>9/19/2019</u>
20 <input checked="" type="checkbox"/> Cap and package hose	<u>CK</u>	<u>9/19/2019</u>
21 <input checked="" type="checkbox"/> Certificate of Conformance for Materials Shipped (on back)	<u>CK</u>	<u>9/19/2019</u>

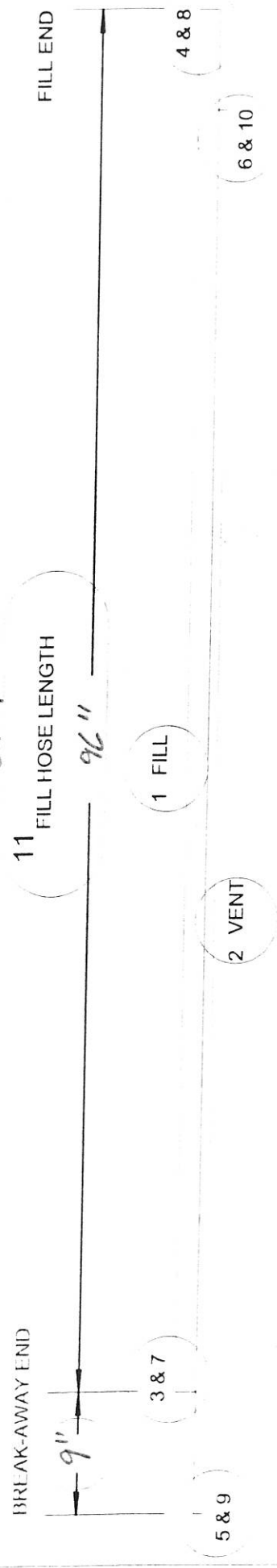


- 3 FITTING TYPE
- 01 NPT MALE
- 02 NPT FEMALE
- 03 JIC MALE
- 04 SAE 45 MALE
- 05 SAE O-RING STRAIGHT THREAD
- 06 JIC FEMALE SWIVEL
- 07 FEMALE PIPE SWIVEL

- 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
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- 06 JIC FEMALE SWIVEL
- 07 FEMALE PIPE SWIVEL

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- 6 3/8"
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- 04 SAE 45 MALE
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- 07 FEMALE PIPE SWIVEL

- 2 55 SERIES HOSE SIZE
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- 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
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- 07 FEMALE PIPE SWIVEL

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

WORK ORDER # TRIL 061319 E. Cleveland Ohio.  
 5CNG12/5CNG6 - 0606/0506 - 12/12/66 - 96"