

CERTIFICATE OF CONFORMANCE

FOR

MATERIALS SHIPPED

Tulsa Gas Technologies, Inc. (TGT) hereby certifies that all materials in the manufacture of hoses for W/O # MWCF031324 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: Patrick McElhenny
TITLE: Hose Builder
DATE: 8-30-201

Tulsa Gas Technologies, Inc.
4309 S. 101st. E. Ave.
Tulsa, OK 74146
918-665-2641

Work Order #
Customer Name
Customer PO
Date Required

MWCF031324
Midwest Clean Fuels
N/A
3-13-24

ASSEMBLY/CERTIFICATION SHEET

		SIGN	DATE
1	☒ Review shop work order versus customer print and history	PM	8-30-24
2	☒ Component part numbers: 105CG-6-6, 106CG-8-6		
	Pack dates and/or QC codes	PM	8-30-24
3	☒ ID band number 5210313722	PM	8-30-24
4	☒ Hose Cut Length 24"	PM	8-30-24
5	Pre-expansion of hose (if required) Size		
	Remarks:		
6	☒ Audit and mark appropriate insertion depth	PM	8-30-24
7	Add special accessories		
	Remarks:		
8	☒ Apply danger tag and ID band	PM	8-30-24
9	☒ Install bend restrictors		
	Remarks:	PM	8-30-24
10	☒ Assemble fittings; check insertion depth	PM	8-30-24
	Remarks:	PM	8-30-24
11	Set offset angle and/or orientation		
	Remarks:		
12	☒ Perform crimp or swage on product/crimp set die-using Parker Catalog 4660, page K58		
	1/2) 80C-PO8H		
	1/4) 80C-PO4H		
	3/8) 80C-PO6		
	3/8) 80C-PO6H		
	1/8) 80C-PO2		
	3/4) 80C-P12H	PM	8-30-24
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	☒ Hydrostatic proof test		
	Test pressure Psi 10,000 Seconds 30 ; Pass/Fail (Circle One)		
	Remarks:	PM	8-30-24
17	☒ Flush method water, and then air	PM	8-30-24
18	☒ Perform and record conductivity test; Meter Megger Mit200		
	Hose resistance 0.00 (-) Electrode resistance 0.03		
	(=) Final hose resistance 0.03	PM	8-30-24
19	☒ Final audit: Check boxes for items inspected, as applicable:		
	☒ Correct hose; ☒ Correct fittings; ☒ Correct customer PN	PM	8-30-24
20	☒ Check swage or crimp diameters:		
	5CNG-4-58 .668/.688		
	5CNG-6-58 .785/.805		
	5CNG-8-58 .900/.920	PM	8-30-24
	5CNG-12-58 1.20/1.22		
	*****100% VISUAL INSPECT FOR THE FOLLOWING*****		
21	☒ Hose fittings crimped; ☒ Air passes through assembly;		
	☒ Presence of threads	PM	8-30-24
20	☒ Cap and package hose	PM	8-30-24
21	☒ Certificate of Conformance for Materials Shipped (on back)	PM	8-30-24

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

Work Order #
Customer Name
Customer PO
Date Required

MWCF031324
Midwest Clean Fuels
N/A
3-13-24

ASSEMBLY/CERTIFICATION SHEET

- | | | SIGN | DATE |
|----|---|------|---------|
| 1 | ☒ Review shop work order versus customer print and history | PM | 8-30-24 |
| 2 | ☒ Component part numbers: <u>105CG-6-6, 106CG-8-6</u> | | |
| | Pack dates and/or QC codes | PM | 8-30-24 |
| 3 | ☒ ID band number <u>5210313723</u> | PM | 8-30-24 |
| 4 | ☒ Hose Cut Length <u>96"</u> | PM | 8-30-24 |
| 5 | Pre-expansion of hose (if required) Size | | |
| | Remarks: | | |
| 6 | ☒ Audit and mark appropriate insertion depth | PM | 8-30-24 |
| 7 | Add special accessories | | |
| | Remarks: | | |
| 8 | ☒ Apply danger tag and ID band | PM | 8-30-24 |
| 9 | ☒ Install bend restrictors | PM | 8-30-24 |
| | Remarks: | | |
| 10 | ☒ Assemble fittings; check insertion depth | PM | 8-30-24 |
| | Remarks: | | |
| 11 | Set offset angle and/or orientation | | |
| | Remarks: | | |
| 12 | ☒ Perform crimp or swage on product/crimp set die-using Parker Catalog 4660, page K58 | | |
| | <u>1/2) 80C-PO8H</u> <u>3/8) 80C-PO6H</u> | | |
| | <u>1/4) 80C-PO4H</u> <u>1/8) 80C-PO2</u> | | |
| | <u>3/8) 80C-PO6</u> <u>3/4) 80C-P12H</u> | PM | 8-30-24 |
| 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 | ☒ Hydrostatic proof test | | |
| | Test pressure Psi <u>10,000</u> Seconds <u>30</u> (Pass/Fail (Circle One)) | | |
| | Remarks: | PM | 8-30-24 |
| 17 | ☒ Flush method water, and then air | PM | 8-30-24 |
| 18 | ☒ Perform and record conductivity test; Meter _____ Megger Mit200 | | |
| | Hose resistance <u>0.03</u> (-) Electrode resistance <u>0.03</u> | | |
| | (=) Final hose resistance <u>0.03</u> | PM | 8-30-24 |
| 19 | ☒ Final audit: Check boxes for items inspected, as applicable: | | |
| | ☒ Correct hose; ☒ Correct fittings; ☒ Correct customer PN | PM | 8-30-24 |
| 20 | ☒ Check swage or crimp diameters: _____ 5CNG-4-58 .668/.688 | | |
| | <u>5CNG-6-58 .785/.805</u> _____ 5CNG-8-58 .900/.920 | PM | 8-30-24 |
| | <u>5CNG-6-55 .675/.695</u> _____ 5CNG-12-58 1.20/1.22 | | |
| | *****100% VISUAL INSPECT FOR THE FOLLOWING***** | | |
| 21 | ☒ Hose fittings crimped; ☒ Air passes through assembly; | | |
| | ☒ Presence of threads | PM | 8-30-24 |
| 20 | ☒ Cap and package hose | PM | 8-30-24 |
| 21 | ☒ Certificate of Conformance for Materials Shipped (on back) | PM | 8-30-24 |

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

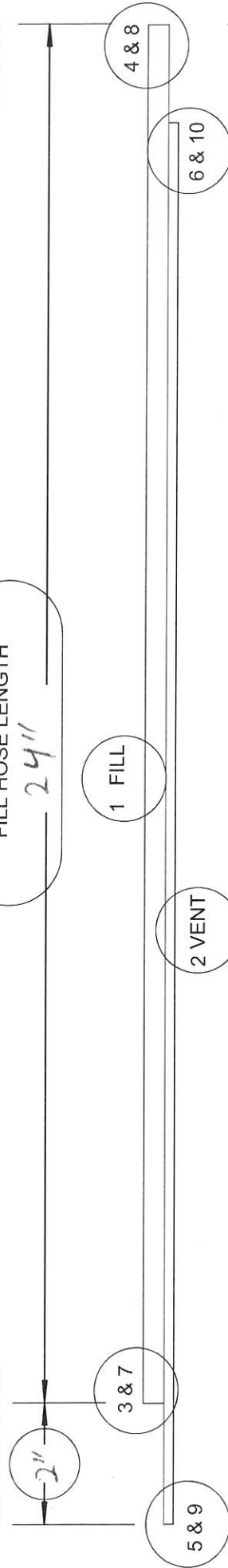
- FITTING SIZE
4 1/4"
6 3/8"
8 1/2"
10 5/8"
12 3/4"

BREAK-AWAY OR
DISPENSER END

Cut 26"

11 FILL HOSE LENGTH
24"

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

- 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"

STANDARD 3"
SHEREX 5/8"

WORK ORDER #

5CNG8/520N4-0606/0506-88/64-24"

FILL HOSE

TULSA GAS TECHNOLOGIES, INC.
10117 EAST 48TH STREET
TULSA, OK 74146
918-665-2941 FAX : 918-665-2657
DATE: 03/27/97
DESIGNED BY: C. SEWELL
DRAWN BY: C.R.S.
SCALE: NONE
DWG. NO. FILLHOSE 5CNG 5CNG SHEET NO. OF 1 REV. 1

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

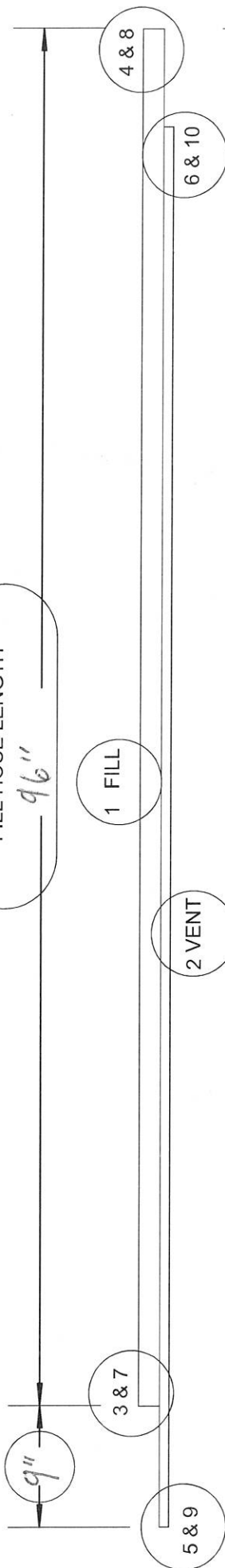
- FITTING SIZE
4 1/4"
6 3/8"
8 1/2"
10 5/8"
12 3/4"

BREAK-AWAY OR
DISPENSER END

11 FILL HOSE LENGTH

cut 105"

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

- 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"

WORK ORDER #

5CNG8/520N4-0606/0506-88/64-96"

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

Work Order #
Customer Name
Customer PO
Date Required

MWCF031324
Midwest Clean Fuels
N/A
3-13-24

ASSEMBLY/CERTIFICATION SHEET

		SIGN	DATE
1	☒ Review shop work order versus customer print and history	PM	8-30-24
2	☒ Component part numbers: <u>106CG-8-6, 106CG-8-6 ILB-5 S/N# 905803</u>		
	Pack dates and/or QC codes	PM	8-30-24
3	☒ ID band number <u>5207109124</u>	PM	8-30-24
4	☒ Hose Cut Length <u>96"</u>	PM	8-30-24
5	Pre-expansion of hose (if required) Size _____		
	Remarks: _____		
6	☒ Audit and mark appropriate insertion depth	PM	8-30-24
7	Add special accessories _____		
	Remarks: _____		
8	☒ Apply danger tag and ID band	PM	8-30-24
9	☒ Install bend restrictors	PM	8-30-24
	Remarks: _____		
10	☒ Assemble fittings; check insertion depth	PM	8-30-24
	Remarks: _____		
11	Set offset angle and/or orientation	PM	8-30-24
	Remarks: _____		
12	☒ 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 _____ 3/4) 80C-P12H _____	PM	8-30-24
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	☒ Hydrostatic proof test		
	Test pressure Psi <u>10,000</u> Seconds <u>30</u> ; Pass/Fail (Circle One)		
	Remarks: _____	PM	8-30-24
17	☒ Flush method water, and then air	PM	8-30-24
18	☒ Perform and record conductivity test; Meter _____ Megger Mit200		
	Hose resistance <u>0.02</u> (-) Electrode resistance <u>0.03</u>		
	(=) Final hose resistance <u>0.03</u>	PM	8-30-24
19	☒ Final audit: Check boxes for items inspected, as applicable:		
	Correct hose; _____ Correct fittings; _____ Correct customer PN _____	PM	8-30-24
20	☒ Check swage or crimp diameters: _____		
	5CNG-6-58 .785/.805 ☒ 5CNG-8-58 .900/.920	PM	8-30-24
	5CNG-6-55 .675/.695 _____ 5CNG-12-58 1.20/1.22 _____		
	*****100% VISUAL INSPECT FOR THE FOLLOWING*****		
21	☒ Hose fittings crimped; ☒ Air passes through assembly;		
	☒ Presence of threads	PM	8-30-24
20	☒ Cap and package hose	PM	8-30-24
21	☒ Certificate of Conformance for Materials Shipped (on back)	PM	8-30-24

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

Work Order #
Customer Name
Customer PO
Date Required

MWCF031324
Midwest Clean Fuels
N/A
3-13-24

ASSEMBLY/CERTIFICATION SHEET

		SIGN	DATE
1	☒ Review shop work order versus customer print and history	PM	8-30-24
2	☒ Component part numbers: <u>106CG-8-6, 106CG-8-6</u>		
	Pack dates and/or QC codes	PM	8-30-24
3	☒ ID band number <u>5207109124</u>	PM	8-30-24
4	☒ Hose Cut Length <u>24"</u>	PM	8-30-24
5	Pre-expansion of hose (if required) Size _____		
	Remarks: _____		
6	☒ Audit and mark appropriate insertion depth	PM	8-30-24
7	Add special accessories _____		
	Remarks: _____		
8	☒ Apply danger tag and ID band	PM	8-30-24
9	☒ Install bend restrictors		
	Remarks: _____	PM	8-30-24
10	☒ Assemble fittings; check insertion depth		
	Remarks: _____	PM	8-30-24
11	Set offset angle and/or orientation		
	Remarks: _____		
12	☒ 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 _____ 3/4) 80C-P12H _____	PM	8-30-24
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	☒ Hydrostatic proof test		
	Test pressure Psi <u>10,000</u> Seconds <u>30</u> ; Pass/Fail (Circle One)		
	Remarks: _____	PM	8-30-24
17	☒ Flush method water, and then air	PM	8-30-24
18	☒ Perform and record conductivity test; Meter _____ Megger Mit200		
	Hose resistance <u>0.00</u> (-) Electrode resistance <u>0.03</u>		
	(=) Final hose resistance <u>0.03</u>	PM	8-30-24
19	☒ Final audit: Check boxes for items inspected, as applicable:		
	Correct hose; _____ Correct fittings; _____ Correct customer PN _____	PM	8-30-24
20	☒ Check swage or crimp diameters: _____		
	5CNG-6-58 .785/.805 ☒ 5CNG-8-58 .900/.920	PM	8-30-24
	5CNG-6-55 .675/.695 _____ 5CNG-12-58 1.20/1.22		
	*****100% VISUAL INSPECT FOR THE FOLLOWING*****		
21	☒ Hose fittings crimped; ☒ Air passes through assembly;		
	☒ Presence of threads	PM	8-30-24
20	☒ Cap and package hose	PM	8-30-24
21	☒ Certificate of Conformance for Materials Shipped (on back)	PM	8-30-24

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

7

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

8

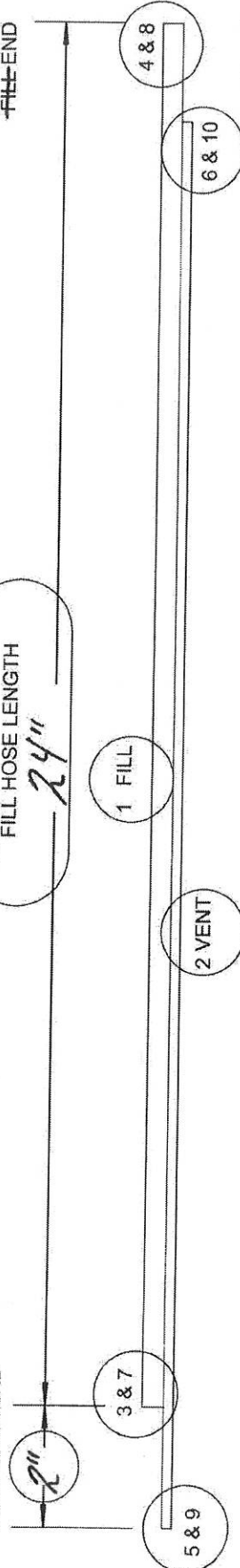
- FITTING SIZE
4 1/4"
6 3/8"
8 1/2"
12 3/4"

BREAK-AWAY OR
DISPENSER END

Cut 26"

11 FILL HOSE LENGTH
24"

Disp
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

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

10

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

STANDARD 3"
OPW CT1000 P36 5/8"

WORK ORDER #

5CNG6/520N4-0506/0106-68/24-24"

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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

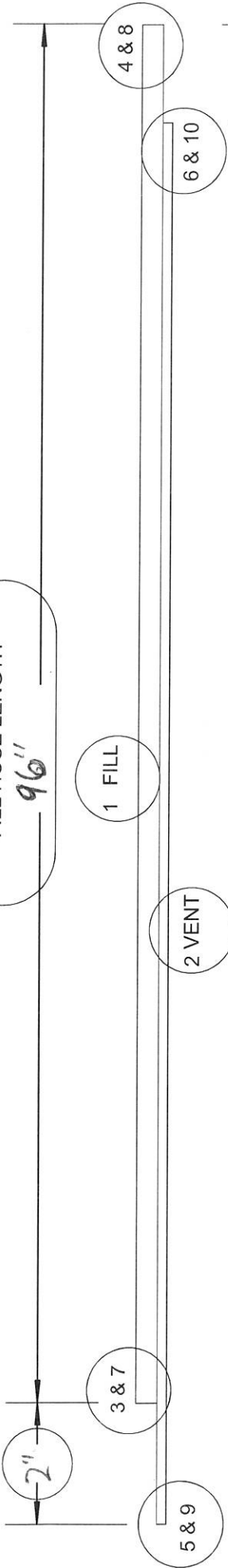
- FITTING SIZE
4 1/4"
6 3/8"
8 1/2"
10 5/8"
12 3/4"

BREAK-AWAY OR
DISPENSER END

11 FILL HOSE LENGTH
96"

CUT 98"

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

- 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"

WORK ORDER #

5CNG 6/520N 4-05 06 / 01 06 - 68 / 24 - 96"

FILL HOSE

TULSA GAS TECHNOLOGIES, INC.
10117 EAST 48TH STREET
TULSA, OK 74146
918-465-2641 FAX: 918-465-2657
DATE: 03/27/97
DESIGNED BY: C. SEWELL
DRAWN BY: C.R.S.
SCALE: NONE
DWG. NO. FILLHOSE 5CNG 5CNG SHEET NO. OF REV. 1