

BILL OF MATERIAL						
ITEM	QTY	PART	DESCRIPTION	MATERIAL	HTG/NOTE	WEIGHT
01	1	SHELL	2438 ID x 19.05 NOM t x 2438 LG	SA-516-70N		
02	1	SHELL	2438 ID x 19.05 NOM t x 2438 LG	SA-516-70N		
03	2	HEAD	2438 ID 2:1 SE x (15.88MM/19.05 NOM) t c/w 51 SF	SA-516-70N		
04	1	SKIRT	9.53 NOM t x 2470 OD x 1210 Lg. (CTS)	SA-516-70N		
05	1	BASE PL.	2649 OD x 2343 ID x 19.05 NOM t, BASE RING	SA-516-70N		
06	1	N1	24" 150# RFWN FLANGE, SCH XH	SA-105N		
07	1	N1	24" SCH XH SMLS PIPE x 154 LG (CTS)	SA-106 GR B		
08	1	N1	809.6 OD (100 WD) x 15.88 NOM t, REPAD	SA-516-70N		
08A	2	BAFFLE	3/8" THK PLATE (SEE STD DETAIL DWG)	SA-516-70N		
08B	1	BAFFLE	3/8" THK PLATE (SEE STD DETAIL DWG)	SA-516-70N		
09	1	N2	24" 150# RFWN FLANGE, SCH XH	SA-105N		
10	1	N2	24" SCH XH SMLS PIPE x 131 LG (CTS)	SA-106 GR B		
11	1	N2	809.6 OD (100 WD) x 15.88 NOM t, REPAD	SA-516-70N		
12	1	N3	3" 150# RFWN FLANGE, SCH XXH	SA-105N		
13	1	N3	3" SCH XXH SMLS PIPE x 1390 LG (CTS)	SA-106 GR B		
14	1	N3	3" SCH XXH, 90° LR ELL	SA-234-WPB		
15	1	N3	3" SCH XXH SMLS PIPE x 240 LG (CTS)	SA-106 GR B		
16	1	N4	12" 150# RFWN FLANGE, SCH XH	SA-105N		
17	1	N4	12" SCH XH SMLS PIPE x 167 LG (CTS)	SA-106 GR B		
18	1	N4	473.85 OD (75 WD) x 15.88 NOM t, REPAD	SA-516-70N		
19	7	N5, N6A/B, N7A/B, N10A/B	2" 150# RFLWN FLANGE x 229 LG (CTS)	SA-105N		
20	1	N10	2" 150# RF BLIND FLANGE	SA-105N		
21	1	N9	3" 150# RFWN FLANGE, SCH XXH	SA-105N		
22	1	N9	3" SCH XXH SMLS PIPE x 127 LG (CTS)	SA-106 GR B		
22A	4	N9	#5/8" x 3.75" LG SA-193 STUDS/SA-194 NUTS	B7M/2HM		
22B	1	N9	3" 150# GASKET RF SPWD FLEXIBLE GRAPHITE FILLER, CS CENTERING	316 SS		
22C	1	N9	3" 150# RF BLIND FLANGE	SA-105N		
23	1	N8	6" 150# RFWN FLANGE, SCH XH	SA-105N		
24	1	N8	6" SCH XH SMLS PIPE x 167 LG (CTS)	SA-106 GR B		
25	1	N8	284.65 OD (50.8 WD) x 15.88 NOM t, REPAD	SA-516-70N		
25A	1	N8	6" 150# RF BLIND FLANGE	SA-105N		
25B	8	N8	#3/4" x 4.25" LG SA-193 STUDS/SA-194 NUTS	B7M/2HM		
25C	1	N8	6" 150# GASKET RF SPWD FLEXIBLE GRAPHITE FILLER, CS CENTERING	316 SS		
26	1	M1	24" 150# RFWN FLANGE, SCH XH	SA-105N		
27	1	M1	24" SCH XH SMLS PIPE x 154 LG (CTS)	SA-106 GR B		
28	1	M1	809.6 OD (100 WD) x 15.88 NOM t, REPAD	SA-516-70N		
29	1	M1	24" 150# RF BLIND FLANGE	SA-105N		
30	20	M1	#1-1/4" x 7" LG SA-193 STUDS/SA-194 NUTS	B7M/2HM		
31	1	M1	24" 150# GASKET RF SPWD FLEXIBLE GRAPHITE FILLER, CS CENTERING	316 SS		
31A	1	M1	24" 150# MANWAY DAVIT (SEE DWG. 7959-2A)			
32	2	LIFT LUG	25.4 THK PLATE x 200 WIDE x 775 LG (CTS) (SEE DWG. 7959-2A)	SA-516-70N		
33	2	BRACE PL.	25.4 THK PLATE x 200 WIDE x 180 LG (CTS) (SEE DWG. 7959-2A)	SA-516-70N		
34	1	GR. LUG	9.53 THK PLATE x 50.8 WIDE x 101.6 LG (SEE DWG. 7959-2A)	SA-36		
35	1	ACCESS OP.	16" SCH STD SMLS PIPE x 135 LG.	SA-106 GR B		
36	1	TAILING LUG	25.4 THK PLATE x 200 WIDE x 300 LG (SEE DWG. 7959-2A)	SA-516-70N		
37	2	VORT. BRKR.	3/8" THK PLATE (SEE STD DETAIL DWG)	SA-516-70N		
38	3	INSU. RING	38 WD x 9.52 t NOM, INSULATION RING	SA-516-70N		
39	5	GRAB BAR	#3/4" SMOOTH ROUND BAR, GRAB RUNG (SEE DWG. 7959-2A)	SA-36		
40	1	NAME PL.	STD ASME 304 SS NAME PLATE c/w 3/8" NOM t BRACKET	SA-516-70N		

ITEM	QTY	PART	DESCRIPTION	MATERIAL	HTG/NOTE	WEIGHT
41	1	MESH PAD	DEMISTER, 152mm THK x 9# DENSITY x 2438 OD c/w CS GRID SEE NOTE #4	316 SS		
42	8	CLIP	FLAT BAR, 50.8 x 9.52 t x 76 LG c/w 5/8" DIA HOLE	SA-516-70N		
42A	4	REMOVABLE BAR	FLAT BAR, 50.8 x 9.52 t x CTS c/w 5/8" DIA HOLE	SA-36		
43	1	SUPPORT RING	2438 OD x 2336 ID x 9.52 t	SA-516-70N		
44	8	MESH PAD	1/2" DIA x 63.5 LG STAINLESS STEEL BOLT c/w NUT	316 SS		

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

NOZZLE SCHEDULE											
MARK	SIZE	QTY	RATING	TYPE	DESCRIPTION	EXTL. PROJ.	INT PROJ.	WELD	A	B	C
N1	24"	1	150#	RFWN	FUEL GAS INLET	250	FLUSH	VI, VIII	3/8"	1/2"	0
N2	24"	1	150#	RFWN	FUEL GAS OUTLET	SEE DWG	FLUSH	VI, VIII	3/8"	1/2"	0
N3	3"	1	150#	RFWN	PRODUCED WATER OUTLET	324	FLUSH	III, VIII	3/8"	0	0
N4	12"	1	150#	RFWN	PSV	250	FLUSH	VI, VIII	3/8"	1/2"	0
N5	2"	1	150#	RFLWN	TEMPERATURE ELEMENT/TRANSMITTER	175	FLUSH	III, VIII	3/8"	0	0
N6/A-B	2"	2	150#	RFLWN	LEVEL TRANSMITTER	175	FLUSH	III, VIII	3/8"	0	0
N7/A-B	2"	2	150#	RFLWN	LEVEL TRANSMITTER	175	FLUSH	III, VIII	3/8"	0	0
N8	6"	1	150#	RFWN	SPARE C/W BLIND	SEE DWG	FLUSH	VI, VIII	3/8"	1/2"	0
N9	3"	1	150#	RFWN	SPARE C/W BLIND	175	FLUSH	III, VIII	3/8"	0	0
N10	2"	1	150#	RFLWN	SPARE C/W BLIND	175	FLUSH	III, VIII	3/8"	0	0
N11	24"	1	150#	RFLWN	PRESSURE GAUGE	175	FLUSH	III, VIII	3/8"	0	0
M1	24"	1	150#	RFWN	MANWAY C/W BLIND	250	FLUSH	VI, VIII	3/8"	1/2"	0
SV/1-4	2"	4	-	-	SKIRT VENT	50	50	-	-	-	-
SA	16"	1	-	-	SKIRT ACCESS	50	50	-	-	-	-

DRAWING NOTES

OP. PRESS. 345 kPag (50.04 PSIG)
 OP. TEMP. 46°C (114.8°F)
 EMPTY WT. 20708 Lb
 TEST WT. 80456 Lb
 IMPACT TEST NOTE # 9
 Min. t. Shell: 18 mm
 Head: 15.88mm
 VOLUME: 27.03 m³
 SURFACE PREP.: SEE NOTE # 3

NAME PLATE DETAIL

MANUFACTURED & CERTIFIED BY: YEAR BUILT 2013
 SERIAL NO. 7959-2-13
 C.R.N. #

MAWP 70 PSIG AT 257°F
 MAEWP 15 PSIG AT 257°F
 MAWP 480 kPag AT 125°C
 MAEWP 103 kPag AT 125°C

HT: MDMT -20°F AT 70 PSIG
 MDMT -29°C AT 480 kPag

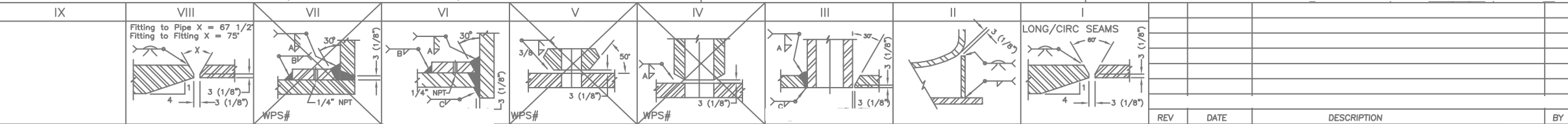
SH THK 0.750 IN. (0.625 IN.)
 SH THK 19.05 MM. (15.88 MM.)

MAT. SA 516-70N / MAT. SA 516-70N

C.A. [0.250] IN. / TAG. NO.
 C.A. [6.40] MM.

ALL TOLERANCES +/- 1/8", 10° UNO
 TACK WELDS USE WPS# BFI-4CV1 R8

DESIGN DATA			
DESIGN PRESS.	-15/70 PSIG (-103/480 kPag) AT 257°F (125°C)	SERIAL NO.	
DESIGN TEMP.	-20°F (-29°C) AT -15/70 PSIG (-103/480 kPag)	C.R.N. NO.	PENDING (REGISTERED IN AB)
CORROSION ALL.	0.250" (6.40mm)	LOCATION	
HYDRO PRESSURE	91 PSIG (624 kPag)	ASME CODE	SECTION VIII, DIV 1, 2010 EDITION, A11 ADDENDA
RADIOGRAPHY	UW-11W RT1 100% ABW	QUALITY CONTROL PROGRAM #	
HEAT TREATMENT	YES UCS-56 1150°F 1 HR	PRESSURE WELDER QUALIFICATION PROGRAM #	



REV	DATE	DESCRIPTION	BY

DRAWN: [Signature]
 DATE: [Blank]
 SCALE: [Blank]
 CHECKED: [Blank]
 APP'D: [Blank]

TITLE: [Blank] CUSTOMER: [Blank]

DRAWING NUMBER: [Blank] REVISION: 0