

VOGT POWER INTERNATIONAL

Released, Work May Proceed

Bell, Milton

Jul-15-2016

2

HEAT NO	NO	ITEM	MATERIAL	SIZE	SCH	Q'TY (MMEA)	PO NO.	WEIGHT		REMARK
								UNIT	TOTAL	
	1	SHELL	SA516-70	2731x8700	T13	1	PO16030047-1	2427.8	2427.8	
	2	HEAD	SA516-70	OD2769	T16	2	PO16050040-1	888.0	1776.0	MIN. 13.6mm
	N1	PIPE SMLS	SA106-B	30	STD	450	PO16030044-1	176.8	79.6	BE/PE
	N2	FLANGE SORF	SA105	18	150#	1	PO16030089-17	49.7	49.7	
	N2-1	PIPE SMLS	SA106-B	18	STD	300	PO16030043-9	105.2	31.6	PE/PE
	N2-2	FLANGE BLRF	SA105	18	150#	1	PO16030089-11	94.8	94.8	
	N2-3	FLANGE HINGE	SA516-70	79x103	T25	2	PO16030113-3	1.6	3.2	
	N2-4	COVER HINGE	SA516-70	79x119	T25	2	PO16030113-2	1.7	3.4	
	N2-5	HINGE PIN	SA36	Ø25	403L	1	PO16030113-6	1.6	1.6	
	N2-6	COTTER PIN	SA36	Ø5	56L	1	PO16030113-1	0.1	0.1	
	N2-7	WASHER	SA36	Ø(44-26)	T3	2	PO16040069-13	0.0	0.1	
	N2-8	HANDLE	SA36	Ø19	400L	1	PO16030113-5	1.8	1.8	
	N2-9	SPR WND GASKET	FLEXITALLIC	18	150#	1	PO16040071-7	1.4	1.4	
	N2-10	STUD B/H.HEX N2	SA193-B7/SA194-2H	U1 1/8"	159L	16	PO16040069-1	0.0	0.2	
	N3	FLANGE SORF	SA105	14	150#	1	PO16030089-16	35.2	35.2	
	N3-1	PIPE SMLS	SA106-B	14	STD	770	PO16030043-8	81.3	62.6	PE/*
	N4	FLANGE SORF	SA105	10	150#	1	PO16030089-15	17.1	17.1	
	N4-1	PIPE SMLS	SA106-B	10	S40	834	PO16030043-7	60.3	50.3	PE/*
	N5	FLANGE SORF	SA182-F11 CL2	8	150#	1	PO16030089-18	12.4	12.4	
	N5-1	PIPE SMLS	SA335-P11	8	S40	832	PO16030044-2	42.8	35.6	PE/*
	N6	FLANGE SORF	SA105	6	150#	1	PO16030089-14	7.4	7.4	
	N6-1	PIPE SMLS	SA106-B	6	S40	1301	PO16030043-6	28.3	36.8	BE/PE
	N6-2	PIPE SMLS	SA106-B	6	S40	1346	PO16030043-6	28.3	38.1	BE/PE
	N6-3	90D ELBOW(LR)	SA234-WPB	6	S40	1	PO16030093-1	9.9	9.9	
	N6-4	U-BOLT / HEX N4	A307A	6	-	1	PO16040069-10	2.5	2.5	
	N6-5	ANGLE	SA36	L65x65x6	-	2738	PO16040070-1	6.0	16.4	
	N7	FLANGE SORF	SA105	3	150#	1	PO16030089-13	3.9	3.9	
	N7-1	PIPE SMLS	SA106-B	3	S40	250	PO16030043-5	11.3	2.8	PE/PE
	N8	CAP(SW)	SA105	2	3000#	1	PO16030089-1	0.9	0.9	
	N8-1	PIPE SMLS	SA106-B	2	S80	417	PO16030043-4	7.5	3.1	PE/*
	N9	FLANGE SORF	SA105	1	150#	1	PO16030089-12	0.9	0.9	
	N9-1	PIPE SMLS	SA106-B	1	S80	114	PO16030043-2	3.2	0.4	PE/PE
	N9-2	FLEXOLET(SW)	SA105	1	3000#	1	PO16030089-3	0.3	0.3	
	N10	FLANGE SORF	SA105	1	150#	1	PO16030089-12	0.9	0.9	
	N10-1	PIPE SMLS	SA106-B	1	S80	114	PO16030043-2	3.2	0.4	PE/PE
	N10-2	FLEXOLET(SW)	SA105	1	3000#	1	PO16030089-3	0.3	0.3	
	N11	FLEXOLET(SW)	SA105	1	3000#	1	PO16030089-3	0.3	0.3	
	N12	FLEXOLET(SW)	SA105	1.5	3000#	1	PO16030089-4	0.5	0.5	
	N13	FLEXOLET(SW)	SA105	0.75	3000#	1	PO16030089-2	0.2	0.2	
	101	LIFTING LUG PAD	SA516-70	Ø152	T13	2	PO16030101-2	1.9	3.8	
	101-1	LIFTING LUG	SA516-70	128x128	T13	2	PO16030113-7	1.7	3.4	
	102	WEAR PLATE	SA387-22 CL2	429x559	T6	20	PO16030113-8	11.3	226.0	
	102-1	NELSON STUD	SA36	5/8"	25L	80	PO16040069-8	0.0	0.8	
	102-2	ACORN NUT & WASHER	SWRM	5/8"	-	80	PO16040069-9	0.1	8.0	
	103	GRAB BAR	SA36	Ø19	850L	2	PO16030113-4	3.8	7.6	
	104	BASE PLATE	A572-50	305x305	T19	4	PO16030113-9	13.9	55.6	
	104-1	H-BEAM	SA36	194x150x6x9	-	1324	PO16040070-3	30.6	40.5	
	104-2	H-BEAM	SA36	194x150x6x9	-	1324	PO16040070-3	30.6	40.5	
	104-3	H-BEAM	SA36	194x150x6x9	-	1324	PO16040070-3	30.6	40.5	
	104-4	H-BEAM	SA36	194x150x6x9	-	1324	PO16040070-3	30.6	40.5	
	104-5	PLATE	A572-50	305x127	T19	4	PO16030113-11	5.7	22.8	
	104-6	GROUNDING LUG	SA240-TP304	76x76	T13	2	PO16030105-1	0.6	1.2	
	106	NAME PLATE BRACKET	SA36	519x128	T6	1	PO16030113-10	1.6	1.6	
	107	ANGLE CLIP	SA36	L75x75x6	-	152	PO16040070-2	0.5	69.9	

TOTAL WEIGHT (KG): 5373.2

END TO END(MM) : 4,952

VOGT POWER INTERNATIONAL  
V17494-BDXD-5001-02  
15-Jul-2016



\* REFERENCE DRAWINGS : V17494-BDND-0001~0003

2	2016-07-14	REVISION ISSUE	M.S.K	H.G.M	D.M.K
1	2016-04-29	REVISION ISSUE	M.S.K	H.G.M	D.M.K
0	2016-04-22	FIRST ISSUE	M.S.K	H.G.M	D.M.K
REV	DATE	DESCRIPTION	DWG	CHECK	APPL

BP/BEP/NBEP		CODE	ASME SEC.VIII
DP(PSIG)	50	DT(°F)	300
LINE	HRSG Blowdown Tank Assembly		
FAB. STD DRAWING NO	SGC-V17494 BD-DWG-002~6		



PART/OP	MAT'L INSP.(A)	FIT-UP(B)	WELDING (C)	PWHT(D)	NDE(E)	REVISION CHECK	VI / DI	PROJECT NAME & SYSTEM NAME		
FAB								MIDDLETOWN #17494		
Q/C								ISO DRAWING NUMBER		SCALE
A/I								SGC-V17494 BD-DWG-001		NONE
RECORD								SPOOL NO.	1BD-T3001	SHEET
								SGC CONTROL NO.	EA0001	2



LEGEND : JN=JOINT NO. W/T=WELD TYPE, RT=RADIOGRAPHY EXAM., UT= ULTRASONIC EXAM., MT=MAGNETIC PARTICLE EXAM., PT= LIQUID PENETRATION EXAM, HN=HARDNESS TEST, PMI=METASCOPE OR FERRIC CHECK  
BW=BUITT WELD, FW=FILLET WELD, OW=BRANCH-OLET WELD, SW=SOCKET WELD, BE=BEVEL END, PE=PLAIN END, V/DI=VISUAL INSPECTION/DIMENSION INSPECTION

VOGT POWER INTERNATIONAL  
V17494-BDXD-5001-02  
15-Jul-2016

JN	OD	W/T	RT/UT	MT/PT	HN	PMI	PWHT	WPS NO	REMARK	JN	OD	W/T	RT/UT	MT/PT	HN	PMI	PWHT	WPS NO	REMARK
JL1	34	BW	10					WPS-0101-GC-02		J104-5	12	FW		10				WPS-0101-GC-02	
JC1	108	BW	10					WPS-0101-GC-02		J104-6	12	FW		10				WPS-0101-GC-02	
JC2	108	BW	10					WPS-0101-GC-02		J104-7	12	FW		10				WPS-0101-GC-02	
JN1-1	30	FW		10				WPS-0101-GC-02		J104-8	12	FW		10				WPS-0101-GC-02	
JN1-2	30	FW		10				WPS-0101-GC-02		J104-9	2.5	FW		100				WPS-0108-GC-02	
JN2-1	18	FW		10				WPS-0101-GC-02		J104-10	2.5	FW		100				WPS-0108-GC-02	
JN2-2	18	FW		10				WPS-0101-GC-02		J104-11	8	FW		10				WPS-0101-GC-02	
JN2-3	18	FW		10				WPS-0101-GC-02		J104-12	8	FW		10				WPS-0101-GC-02	
JN2-4	18	FW		10				WPS-0101-GC-02		J104-13	8	FW		10				WPS-0101-GC-02	
JN2-5	1.5	FW		10				WPS-0101-GC-02		J104-14	8	FW		10				WPS-0101-GC-02	
JN2-6	1.5	FW		10				WPS-0101-GC-02		J106-1	3	FW		10				WPS-0101-GC-02	
JN2-7	1.5	FW		10				WPS-0101-GC-02		J106-2	3	FW		10				WPS-0101-GC-02	
JN2-8	1.5	FW		10				WPS-0101-GC-02		J107-1~152	1.5	FW		10				WPS-0101-GC-02	
JN2-9	1	FW		10				WPS-0101-GC-02		JL2	108	BW	10					WPS-0101-GC-02	
JN2-10	0.75	FW		10				WPS-0101-GC-02		JL3	108	BW	10					WPS-0101-GC-02	
JN2-11	0.75	FW		10				WPS-0101-GC-02											
JN3-1	14	OW		10				WPS-0101-GC-02											
JN3-2	14	FW		10				WPS-0101-GC-02											
JN3-3	14	FW		10				WPS-0101-GC-02											
JN4-1	10	OW		10				WPS-0101-GC-02											
JN4-2	10	FW		10				WPS-0101-GC-02											
JN4-3	10	FW		10				WPS-0101-GC-02											
JN5-1	8	OW		100			Y	WPS-0104-GC-01											
JN5-2	8	FW		100				WPS-0404-GC-02											
JN5-3	8	FW		100				WPS-0404-GC-02											
JN6-1	6	FW		10				WPS-0101-GC-02											
JN6-2	6	FW		10				WPS-0101-GC-02											
JN6-3	6	FW		10				WPS-0101-GC-02											
JN6-4	6	FW		10				WPS-0101-GC-02											
JN6-5	6	BW						WPS-0101-GC-02											
JN6-6	6	BW						WPS-0101-GC-02											
JN6-7	3	FW		10				WPS-0101-GC-02											
JN6-8	3	FW		10				WPS-0101-GC-02											
JN7-1	3	FW		10				WPS-0101-GC-02											
JN7-2	3	FW		10				WPS-0101-GC-02											
JN7-3	3	FW		10				WPS-0101-GC-02											
JN7-4	3	FW		10				WPS-0101-GC-02											
JN8-1	2	OW		10				WPS-0101-GC-02											
JN8-2	2	SW		10				WPS-0101-GC-02											
JN9-1	1	OW		10				WPS-0101-GC-02											
JN9-2	1	SW		10				WPS-0101-GC-02											
JN9-3	1	FW		10				WPS-0101-GC-02											
JN9-4	1	FW		10				WPS-0101-GC-02											
JN10-1	1	OW		10				WPS-0101-GC-02											
JN10-2	1	SW		10				WPS-0101-GC-02											
JN10-3	1	FW		10				WPS-0101-GC-02											
JN10-4	1	FW		10				WPS-0101-GC-02											
JN11	1	OW		10				WPS-0101-GC-02											
JN12	1.5	OW		10				WPS-0101-GC-02											
JN13	0.75	OW		10				WPS-0101-GC-02											
J101-1	5	FW		100				WPS-0101-GC-02											
J101-2	3	FW		100				WPS-0101-GC-02											
J101-3	5	FW		100				WPS-0101-GC-02											
J101-4	3	FW		100				WPS-0101-GC-02											
J102-1~80	0.75	FW		10				WPS-0101-GC-02											
J103-1	0.75	FW		10				WPS-0101-GC-02											
J103-2	0.75	FW		10				WPS-0101-GC-02											
J103-3	0.75	FW		10				WPS-0101-GC-02											
J103-4	0.75	FW		10				WPS-0101-GC-02											
J104-1	10	FW		10				WPS-0101-GC-02											
J104-2	10	FW		10				WPS-0101-GC-02											
J104-3	10	FW		10				WPS-0101-GC-02											
J104-4	10	FW		10				WPS-0101-GC-02											



EA0001

BP/BEP/NBEP		CODE		ASME SEC.VIII			
DP(PSIG)		50		DT(°F)		300	
LINE		HRSG Blowdown Tank Assembly					
FAB. STD DRAWING NO				SGC-V17494 BD-DWG-002~6			
							
							
PROJECT NAME & SYSTEM NAME							
MIDDLETOWN #17494							
ISO DRAWING NUMBER					SCALE		NONE
SGC-V17494 BD-DWG-001					SHEET		2/2
SPOOL NO.		1BD-T3001			REV		2
SGC CONTROL NO.			EA0001				

LEGEND : JN=JOINT NO. W/T=WELD TYPE, RT=RADIOGRAPHY EXAM., UT= ULTRASONIC EXAM., MT=MAGNETIC PARTICLE EXAM., PT= LIQUID PENETRATION EXAM, HN=HARDNESS TEST, PMI=METASCOPE OR FERRIC CHECK  
BW=BUTT WELD, FW=FILLET WELD, OW=BRANCH-OLET WELD, SW=SOCKET WELD, BE=BEVEL END, PE=PLAIN END, V/DI=VISUAL INSPECTION/DIMENSION INSPECTION