



ISOMETRIC VIEW

Q'ty 1 PC(s) REQUIRED MARKED DWCO/SCR-L1

VOGT POWER INTERNATIONAL
V17494-DWWD-7461-02
09-Apr-2016

MATERIAL LIST FOR ASSEMBLY MK'D				DWCO/SCR-L1-1		QTY : 1		No. Required	
Part No.	Description	Width	Length	Q'ty	Material	Weight	Area		
2a-1	L-90X90X10		2209	1	G3101 SS400	29.49	0.80		
2a-5	L-90X90X10		178	1	G3101 SS400	2.38	0.06		
2a-6	L-90X90X10		245	1	G3101 SS400	3.28	0.06		
2a-7	L-90X90X10		2299	1	G3101 SS400	30.69	0.81		
2a-11	L-90X90X10		24132	1	G3101 SS400	322.12	8.69		
2a-13	L-90X90X6		899	5	G3101 SS400	37.23	1.63		
2m-8	C-150X75X6.5X10		1369	16	G3101 SS400	407.68	12.34		
2m-9	C-150X75X6.5X10		806	19	G3101 SS400	285.03	8.03		
2m-21	BH-920X300X18X28		28448	1	A-572 Gr.50	7224.75	85.52		
2m-37	PIPE 6" SCH.80 (OD.141.3 X 9.53 THK.)		415	54	A-106 Gr.B	694.02	10.13		
2m-40	PIPE 3/4" SCH.80 (OD.26.7 X 3.91 THK.)		80	2	A-106 Gr.B	0.35	0.01		
2m-41	PIPE 4" SCH.40 (OD.114.3 X 6.02 THK.)		210	4	A-106 Gr.B	13.50	0.31		
2m-50	PIPE 2" SCH.40 (OD.60.33 X 3.91 THK.)		220	8	A-106 Gr.B	9.58	0.34		
2p-2	PL-10	150	150	5	G3101 SS400	8.83	0.25		
2p-17	PL-15	135	852	8	G3101 SS400	108.35	2.03		
2p-20	PL-38	508	1016	1	A572-GR.50	153.96	1.15		
2p-21	PL-3	15	119	16	G3101 SS400	0.67	0.07		
2p-22	PL-25	300	920	1	G3101 SS400	54.17	0.61		
2p-38	PL-12	120	120	6	G3101 SS400	8.14	0.20		
2p-41	PL-25	245	330	8	G3101 SS400	126.93	1.52		
2p-44	PL-13	136	137	14	G3101 SS400	26.62	0.43		
2p-48	PL-38	127	1016	1	A572-GR.50	38.49	0.34		
2p-49	PL-38	127	235	2	A572-GR.50	17.81	0.17		
2p-51	PL-13	65	70	32	G3101 SS400	14.86	0.32		
2m-35	RB-10		232	8	A-108 TP 1010	1.03	0.06		
2m-63	RB-10		222	4	A-108 TP 1010	0.49	0.03		
2p-15	CASING PL-6	2530	24151	1	G3101 SS400	2851.83	60.72		
1m-193	40Mesh Wire Dia: 0.22mm		-	4	CS.	0.00	0.26		
1m-195	40Mesh Wire Dia: 0.22mm		-	8	CS.	0.00	0.28		
2m-33	INSULATION, 2" THK, 8# DENSITY		OD.52	40	SUPERWOOL PLUS	0.02	0.45		
2m-51	M20 NUT		-	9	A-563	1.16	0.04		
2m-55	SOCKET COUPLING-3/4" 3000#		-	2	A-105	0.53	0.02		
2m-62	INSULATION, 2" THK, 8# DENSITY		OD.99	20	SUPERWOOL PLUS	0.05	0.60		
2m-30	2"-150# RF BLIND FLANGE		-	8	A-105	22.40	0.36		
2m-31	2"-150# RF SLIP-ON FLANGE		-	8	A-105	21.60	0.37		
2m-32	2"-150# GASKET 3 Thk.		-	8	NON-METALLIC	17.60	0.08		
2m-58	4" 150# RF SLIP-ON FLANGE		-	4	A-105	23.60	0.42		
2m-59	4" 150# BLIND FLANGE		-	4	A-105	32.00	0.39		
2m-61	6"-150# RF BLIND FLANGE		-	54	A-105	464.40	6.61		
2p-18	4"-150# GASKET 3 Thk.		-	4	NON-METALLIC	0.00	0.16		
2m-34	WASHER PL-12 GA. (3mm)	ID.11	OD.52.5	8	A-1011	0.39	0.04		
2m-39	PL-6	ID.144	OD.283	54	G3101 SS400	158.65	7.02		
2m-56	WASHER PL-12 GA. (3mm)	ID.11	OD.99	4	A-1011	0.71	0.06		
SB1685P	HEX BOLT M16x85 WITH NUT			64	A193 Gr.B7	14.27	0.00		
Total						13229.64	213.80		

UNIT 1

Project Owner's : Gemma Power System,LLC
Project Name: Middletown Energy Center Project
Vogt Power International Job No./Cost symbol: V17494 / DW
Vogt Power International Doc. No. :
Vogt Power International P.O. No.V0009490

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TITLE
VOGT POWER INTERNATIONAL
MIDDLETOWN ENERGY CENTER PROJECT
CO / SCR DUCT (CASING)
LEFT SIDE PANEL

ISO-A (rev)

JOB NO.

1711

REF.DWG.NO.
Y15-1711-E0201-E0203

VIPCO DWG.NO.
Y15-1711- DWCO/SCR-L1-01

REV
6

6	05/04/16	REV. AS PES VPL DESIGN (DWG.V17494-DWNO-0022 Rev.2)	S.KOSIN	Chatchai	
5	04/04/16	REV. PER-TQ-V17494-RFL 0090	S.Kitsana	η	
4	16/03/16	REV. PER-TQ-V17494-RFL 0090	S.Kitsana	η	
3	05/03/16	Rev. PER-V17494-DWNO-0025-Rev.4	S.Kitsana	η	
2	27/02/20	ADD PART No.	S.Kitsana	η	
1	23/02/20	REV. REF. V17494-DWNO-0033 (REV.0)	S.Kitsana	η	
0	05/02/20	FIRST ISSUE	S.Kitsana	η	
REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPROD.