



ISOMETRIC VIEW

Q'ty 1 PC(s) REQUIRED MARKED DWID-L2

VOGT POWER INTERNATIONAL
V17494-DWID-7024-04
28-Apr-2016

REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPROD.
5	22/04/16	REV. AS PES VPI DESIGN (DWG.V17494-DWID-0008 Rev.2)	S.KOSIN		
4	05/04/16	REV. AS PES VPI DESIGN (DWG.V17494-dwid-0052-SKND-001 Rev.2)	S.KOSIN		
3	25/12/15	CHANGE DESCRIPTION	W.Tawatjai		
2	21/11/15	REVISED REF. DWG.(V17494-DWID-0008_REV.02)	W.Tawatjai		
1	17/12/15	CHANGE DIMENSION	S.KOSIN		
0	07/12/15	FIRST ISSUE	S.KOSIN		

MATERIAL LIST FOR ASSEMBLY MK'D				DWID-L2-1		Q'TY : 1		No. Required	
Part No.	Description	Width	Length	Q'ty	Material	Weight	Area		
1a-10	L-90X90X10		8097	1	G3101 SS400	108.07	2.92		
1a-33	L-75X75X6		779	4	G3101 SS400	21.34	0.94		
1a-43	L-90X90X10		1724	1	G3101 SS400	23.01	0.62		
1a-62	L-90X90X10		1427	1	G3101 SS400	19.05	0.52		
1a-63	L-90X90X10		1441	1	G3101 SS400	19.23	0.52		
1m-10	H-588X300X12X20		10176	1	G3101 SS400	1537.72	23.97		
1m-47	C-200X80X7.5X11		427	7	G3101 SS400	73.50	1.67		
1m-138	C-200X80X7.5X11		1291	6	G3101 SS400	190.44	4.84		
1m-139	C-200X80X7.5X11		1413	6	G3101 SS400	208.43	5.79		
1m-140	C-200X80X7.5X11		707	1	G3101 SS400	17.40	0.41		
1m-148	C-380X100X10.5X16		6489	1	G3101 SS400	353.46	7.40		
1m-154	PIPE 6" SCH.40 (OD.168.3 X 7.11 THK.)		136	1	A-312 TP304	3.88	0.08		
1m-155	PIPE 6" SCH.40 (OD.168.3 X 7.11 THK.)		207	1	A-106 Gr.B	5.85	0.11		
1p-3	PL-38	457	762	1	A572-GR.50	103.88	0.79		
1p-13	PL-12	138	536	8	G3101 SS400	55.74	1.27		
1p-24	PL-10	81	164	3	G3101 SS400	3.13	0.09		
1p-28	PL-10	102	102	4	A-240 TP304	3.30	0.07		
1p-37	PL-10	108	7485	1	G3101 SS400	63.47	1.77		
1p-49	PL-10	140	165	4	G3101 SS400	7.25	0.21		
1p-53	PL-10	108	291	2	G3101 SS400	4.93	0.08		
1p-65	PL-3	15	122	16	G3101 SS400	0.69	0.07		
1p-66	PL-12	120	120	4	G3101 SS400	5.43	0.14		
1m-167	STUD 1/2" 13 UNC T.P.I.		373	1	A-479 TP304*	0.35	0.02		
1p-34	CASING PL-10	3105	8070	1	G3101 SS400	1685.91	21.58		
1a-6	BL-80x90x10	169	2448	1	G3101 SS400	32.43	0.84		
1m-125	M20 NUT		-	10	A-563	1.29	0.04		
1m-165	HEX NUT 1/2"		-	2	F594 TP304*	0.05	0.00		
1m-168	INSULATION, 2" THK, 8# DENSITY		OD.156	3	SUPERWOOL PLUS	0.02	0.18		
1m-190	40Mesh Wire Dia: 0.22mm		-	1	Stainless steel	0.00	0.06		
1m-81	1"NB-150# GASKET 3 Thk.		-	2	NON-METALLIC	4.40	0.02		
1m-107	6" NB-150# RF.SLIP ON FLANGE		-	1	ASTM A105	10.80	0.13		
1m-108	6" NB 150# BLIND FLANGE		-	1	ASTM A105	12.00	0.14		
1m-109	6"NB-150# GASKET 3 Thk.		-	1	NON-METALLIC	0.00	0.07		
1m-111	1" NB-150# RF.SLIP ON FLANGE		-	2	A-105	3.60	0.05		
1m-112	1"NB-150# BLIND FLANGE		-	2	A-105	4.40	0.04		
1m-110	PIPE 1" SCH.40 (OD.33.4 X 3.38 THK.)		934	2	A-312 TP304	4.72	0.19		
1m-166	WASHER PL-12 GA. (3mm)	ID.14	OD.151	2	A-240 TP409	0.82	0.07		
SB2080	HEX BOLT M20x80 WITH NUT			8	A307	2.89	0.00		
Total						4592.91	77.72		

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 MIDDELTOWN ENERGY CENTER PROJECT		ISO-A
		INLET DUCT LEFT SIDE PANEL		JOB NO.
				1711
REF.DWG.NO.		VIPCO DWG.NO.		REV
Y15-1711-E0101-E0107		Y15-1711- DWID-L2-01		5