

8							7			
MATERIAL LIST FOR ASSEMBLY MK'D 1711-DR030 Q'TY: 3								No. Required		
Part No.	Description		Length	Q'ty	Material	Weight (kg)	Area (m2)			
01	PLATE	10	787	940	3	G3101 SS400	80.07	2.04		
02-1	CUT L-100x100x10		878	6	G3101 SS400	76.49	2.05			
02-2	CUT L-100x100x10		726	6	G3101 SS400	64.90	1.70			
03	RB-3/4"		534	3	G3123 SGD400-D	3.57	0.10			
04-1	PLATE-16GA.	1.5	378	667	6	A-240 TP309S	18.72	3.12		
04-2	PLATE-16GA.	1.5	378	819	6	A-240 TP309S	14.40	2.40		
05	INSULATION, 2" THK, 8# DENSITY		0 ROLL	9	SUPERWOOL PLUS	0.58	0.09 m2			
06	RB-1 1/2"		1,113	3	G3123 SGD400-D	29.72	0.40			
07	PLATE	10	ID.40	OD.64	3	G3101 SS400	0.76	0.02		
08	RB-1/2"		348	3	G3123 SGD400-D	1.09	0.04			
09	PLATE	10	152	229	3	G3101 SS400	8.20	0.21		
10	PLATE	10	38	48	G3101 SS400	6.87	0.18			
11	PLATE	10	51	54	G3101 SS400	5.19	0.13			
12	PLATE	10	76	344	3	G3101 SS400	6.16	0.16		
13	SQUARE SHOULDERED SOLID ROD END BLACK OXIDE 5/8"-11 THREADS McMaster-CARR PART 58895K21				24		-	-		
13-1	FORGED EYE-BOLT 1/2"-13x4" GALVANIZED STEEL PER DETAIL (BOLT DEPOT PIN 13397 OR EQUAL) WITH (2) NUTS AND (1) WASHER				3	GALVANIZED	-	-		
14	EASY GRIP HANDLE MALLEABLE IRON W/ZINC PLATED FINISH 5/8"-11 THREADS				24	MALLEABLE IRON W/ZINC PLATED	-	-		
15	CLEVIS PIN WITH REUSABLE COTTER PIN, ZINC PLATED 1/2" DIA. X2" LONG				24	ZINC PLATED	-	-		
16	SCREWS, #10x3/8" LG. LOW PROFILE, SELF THREADING				84	SS	-	-		
17	TAD POLE GASKET (-40°F TO 2300°F) SILICA WINCONEL CORE. 3/4" BULB DIA. X 1 1/2" WIDE. McMaster CARR PIN: 8853K26 (L.F.)				27		-	-		
18	ADHESIVE, TUBE OF HIGH TEMP RED SILICONE				3	SILICONE	-	-		
19	FLAT WASHER ZINC-PLATED. 5/8" DIA.				24	ZINC-PLATED	-	-		
20	PLATE	10	648	800	3	G3101 SS400	122.08	3.11		
21	PLATE	10	75	584	6	G3101 SS400	20.63	0.53		
22	PLATE	10	75	160	12	G3101 SS400	11.30	0.29		
23	PLATE	10	65	83	48	G3101 SS400	20.33	0.52		
25	RB-1/2"		268	6	G3123 SGD400-D	1.67	0.07			
26-1	PLATE-16GA.	1.5	159	696	6	A-240 TP309S	7.92	1.32		
26-2	PLATE-16GA.	1.5	159	543	6	A-240 TP309S	6.48	1.08		
27	PLATE-16GA.	1.5	531	683	3	A-240 TP309S	12.60	2.10		
28	STUD, 3/8" (10mm)		172	15	A479 TP309S	1.60	0.08			
29	PLATE-16GA.	1.5	ID.11	OD.76	30	A-240 TP309S	1.63	0.27		
30	HEX NUT 3/8"			30	A-194 GR.8MA*	0.36	-	-		
31	TAD POLE GASKET (-40°F TO 2300°F) SILICA WINCONEL CORE. 3/4" BULB DIA. X 1 1/2" WIDE. McMaster CARR PIN: 8853K26 (L.F.)				27		-	-		
32	ADHESIVE, TUBE OF HIGH TEMP RED SILICONE				3	SILICONE	-	-		
33	SCREWS, #10x3/8" LG. LOW PROFILE, SELF THREADING				84	SS	-	-		
34	INSULATION, 2" THK, 8# DENSITY		1.5 ROLL	9	SUPERWOOL PLUS	21.89	3.42 m2			
35	FLAT WASHER ZINC-PLATED. 9/16" DIA.				24	ZINC-PLATED	-	-		
35-1	INSULATION, 1" THK, 8# DENSITY		1 ROLL	3	SUPERWOOL PLUS	2.59	0.81 m2			
37	PLATE-16GA.	1.5	607	794	3	A-240 TP309S	17.35	2.89		
38	PLATE-16GA.	1.5	170	527	6	A-240 TP309S	5.76	0.96		
39	PLATE-16GA.	1.5	454	607	3	A-240 TP309S	8.64	1.44		
40	PLATE-16GA.	1.5	219	219	6	A-240 TP309S	2.88	0.48		
41	PLATE	10	51	51	15	A-240 TP309S	3.12	0.08		
42	RB-1/2"		178	6	A-276 TP309S	1.11	0.04			
43	STUD, 3/8" (10mm)		83	3	A-479 TP309S	0.26	0.01			
44	PLATE-16GA.	1.5	ID.11	OD.76	6	A-240 TP309S	0.33	0.05		
45	HEX NUT 3/8"			6	A-194 GR.8MA*	0.07	-	-		
46	INSULATION, 2" THK, 8# DENSITY		0.5 ROLL	6	SUPERWOOL PLUS	10.75	1.68 m2			
1711-DR030 Total							600.07	33.86		

VOGT POWER INTERNATIONAL	
Review Waived	
Bell, Milton	Mar-28-2016

VOGT POWER INTERNATIONAL  
V17494-DRXD-5040-01  
21-Mar-2016

1	27/02/16	REV. REF V17494-DRND-0008_R.01	Sanguanchai	Chattchai	
0	27-01-16	FIRST ISSUE	Sanguanchai	7	
REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED

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

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**VISAVAKIT PATANA CORPORATION LIMITED**  
OFFICE :215/148-149 Pracharad 1 Road, Bangsue, Bangkok 10800 Tel: 0-2585-2556-8 Fax: 0-2587-6068  
PLANT 1 :28/2 Moo4, Soi Chai Ua, Pathumthani 12000 Tel: 0-2975-2811-4 Fax: 0-2975-2815  
PLANT 2 :52 Moo7, Kubanglang, Ladkumsew, Pathumthani 12140 Tel: 0-2979-4001-9 Fax: 0-2979-4010  
www.vipco-thai.com Email : vipco@vipco-thai.com

TITLE		ISO-A (3rd)	
VOGT POWER INTERNATIONAL MIDDLETOWN ENERGY CENTER PROJECT 18"x24" ACCESS DOOR ASSEMBLY (DR030) FOR 10" INSULATION (ATTIC PANEL)		JOB NO. 1711	
REF.DWG.NO.	VIPCO DWG.NO.	REV	1
V17494-DRND-0006~0008	Y15-1711-DR030-10		