LF - 044

Report No. C.216/56

ELECTRICITY GENERATING AUTHORITY OF THAILAND
TEST REPORT
FOR PROXIMATE ANALYSIS

CUSTOMER : **Angkor Bio Cogen Ltd. (ABC)**

Kandal province, Cambodia.

	LAB NO.			56X0290	56X0291
	SAMPLE NAME			Rice Husk	Rice Husk
	SAMPLE DESCRIPTION			Sample 1	Sample 2
	SAMPLE CONDITION			normal	normal
	SAMPLED DATE			27/06/2013	27/06/2013
	RECEIVED DATE			08/07/2013	08/07/2013
	ANALYSED DATE			08-13/07/2013	08-13/07/2013
	PARAMETER	UNIT	METHOD	RESULT	
AS RECEIVED BASIS	MOISTURE	% by weight	ASTM D3302-02a e1	10.78	10.78
	ASH	% by weight	ASTM D5142-09	-	-
	VOLATILE MATTER	% by weight	ASTM D5142-09	-	-
	FIXED CARBON	% by weight	ASTM D5142-09	-	-
	SULPHUR	% by weight	ASTM D4239-10	-	-
	GROSS CALORIFIC VALUE	MJ/Kg	ASTM D5865-10a	14.95	14.86
		Kcal/Kg		3574	3552
	NET CALORIFIC VALUE	MJ/Kg	ASTM D5865-10a	13.74	13.64
		Kcal/Kg		3284	3260
DRY BASIS	ASH	% by weight	ASTM D5142-09	-	-
	VOLATILE MATTER	% by weight	ASTM D5142-09	-	-
	FIXED CARBON	% by weight	ASTM D5142-09	-	-
	SULPHUR	% by weight	ASTM D4239-10e1	-	-
	GROSS CALORIFIC VALUE	MJ/Kg	ASTM D5865-10a	16.76	16.66
		Kcal/Kg		4006	3981
	NET CALORIFIC VALUE	MJ/Kg	ASTM D5865-10a	15.69	15.58
		Kcal/Kg		3750	3724
AIR DRY BASIS	INHERENT MOISTURE	% by weight	ASTM D5142-09	9.39	9.49
	ASH	% by weight	ASTM D5142-09	-	-
	VOLATILE MATTER	% by weight	ASTM D5142-09	-	-
	FIXED CARBON	% by weight	ASTM D5142-09	-	-
	SULPHUR	% by weight	ASTM D4239-10e1	-	-
	GROSS CALORIFIC VALUE	MJ/Kg	ASTM D5865-10a	15.19	15.08
		Kcal/Kg		3630	3603
	RELATIVE DENSITY		AS 1038.21-83	-	-

รายงานฉบับไม่เป็นทางการ

Remark : The results relate only to the sample(s) tested. This document shall not be reproduced except in full.

Chemist : ……..

(Ms. Nucharin Whangdeeniran)

…..……/…..……/…….…

Laboratory Section, Geology Department, Mae Moh Mine Planning and Administration Division, EGAT
801 M.6 T. Mae Moh, A. Mae Moh, Lampang, 52220 Tel. 66-054-254136, 66-054-254037 Fax. 66-054-254016