

REPORT OF ANALYSIS

Our reference number : BMN - 1921/XI/2015
 Order number : BJM.B04.2015.02896
 Reported to : Mr. Dudi
 PT. SINTA MANI
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Date of received : November 24, 2015
 Date of Analysis : November 25, 2015
 Date of completed : November 28, 2015
 Standard Method : ASTM

SAMPLE CODE	SAMPLE WEIGHT kgs	TOP SIZE mm	M % adb	GCV *) Kcal/Kg	HGI
				adb	
PT - SM - 001	6.98	50	16.6	5420	31

(*) Result of GCV Analysis's without sulfur correction

Ash Analysis (dry coal ash)												
SAMPLES CODE	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %	CaO %	MgO %	Na ₂ O %	K ₂ O %	MnO ₂ %	TiO ₂ %	P ₂ O ₅ %	SO ₃ %	ud %
PT - SM - 001	19.10	14.77	22.10	17.28	4.92	0.31	0.53	0.68	0.33	0.62	18.94	0.42

Sample Code	ASH FUSION TEMPERATURE , °C							
	REDUCING ATMOSPHERE				OXIDICING ATMOSPHERE			
	IDT	ST	HT	FT	IDT	ST	HT	FT
PT - SM - 001	1160	1180	1200	1210	1250	1260	1270	1280

SIZING ANALYSIS, %			
SAMPLE CODE	+50 mm	-50 mm	Total
PT - SM - 001	21.1	78.9	100.0

Parameter	Standard
Moisture in the analysis sample	ASTM D3173-11
Gross Calorific value	ASTM D5865-13
Major and Minor Elements in Coal Ash	ASTM D3682-13
Sulfur Trioxide in Coal Ash	ASTM D5016-08e1
Phosphorous	IK/BJM-A/004 (spektrofotometer)
Mangan dioksida	IK/BJM-A/004
Size Analysis	ASTM D4749-87(2012)
Ash Fusion Temperature	ASTM D1857/D1857M-04 (2010)
Hardgrove Grindability Index	ASTM D409/D409M-12

Note : UNSEALED PLASTIC BAG, SAMPLE SUPPLIED BY CUSTOMER

Date : November 28, 2015

Reported by
mel/asm/sl

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