

EVALUASI KUALITAS BATU BARA

Status Analisa	: Loading
No. Kontrak	: 12.PJ/061/IP/2013 dan 06/K/PM/PT BA-PT IP/2013
Nama Surveyor	: SURVEYOR INDONESIA
Pemasok	: PT. BUKIT ASAM
Nama Kapal	:
No. Sertifikat	: COA-1009240180A
Jumlah B/L	: 50,000,421 MT
Tanggal Analisa	: 2024-09-20
Asal Barang	: PT. BUKIT ASAM

Fe ₂ O ₃	6.81	Ash Classification	CaO	4.37	SiO ₂	49.44
CaO	4.37		MgO	1.44	Al ₂ O ₃	30.53
MgO	1.44		Fe ₂ O ₃	6.81	TiO ₂	0.92
	12.62	BITUMINOUS	Na ₂ O	1.52		80.89
			K ₂ O	0.68		
				14.82		

Sulfur (db)	Na ₂ O	Slagging Index (Rs)	Slagging Potential	Fouling Index (Rf)	Fouling Potential
0.64	1.52	0.12	LOW	0.28	LOW

Unsur	Spesifikasi Batu Bara PT. BUKIT ASAM				
	Typical	Penyesuaian	Penolakan	Hasil Analisa	Satuan
Abu (Ash)	0			4.95	
Fixed Carbon	0			32.59	
HGI	0			59	
Inherent Moisture				14.88	
Initial Deformation	0			1350	
Natrium Oksida (Na ₂ O)	0			1.52	
Nilai Kalor (Calorivic Value)	0			4824	
Nitrogen	0			0.72	
Sulfur				0.45	
Total Moisture				29.69	
Ukuran < 2,38	0			22.49	
Ukuran < 32	0			0.00	
Ukuran > 50	0			2.79	
Ukuran > 70	0			0.00	
Volatile Matter	0			32.77	
Slagging Index	SEVERE		> 2,00	0.12	
Potensial Slagging	SEVERE		> MEDIUM	LOW	
Fouling Index	0		> 5,00	0.28	
Potensial Fouling	SEVERE		> MEDIUM	LOW	

Keterangan

Bituminous Ash (Rs):

- Rs < 0.6 = Low
- 2.0 < Rs < 2.6 = Medium
- 2.6 < Rs < 6 = High
- 6 < Rs = Severe

Lignitic Ash (Rs):

- 2450 < Rs* = Low
- 2250 < Rs* < 2450 = Medium
- 2150 < Rs* < 2250 = High

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