



PT. INDOTAMA MITRA SERVICES
MARINE AND CARGO SURVEYORS

Date: March 15, 2019

Ref : 089(A)/IMS/III/2019

CERTIFICATE OF SAMPLING AND ANALYSIS

VESSEL	: MV. VIL BALTIC
QUANTITY	: 55,000 MT
DESCRIPTION OF GOODS	: STEAM COAL (NON-COKING) IN BULK
PORT OF LOADING	: MUARA BERAU ANCHORAGE, INDONESIA
PORT OF DISCHARGE	: KANDLA, DEENDAYAL PORT, TRUST GUJARAT INDIA
DATE OF BILL OF LADING	: MARCH 09, 2019

THIS IS TO CERTIFY that we have done loading and sampling supervision of the coal consignment nominated above. Samples received were prepared and analyzed as per ASTM standard methods.

The following results were obtained:

<u>Specifications</u>		<u>Actual Result</u>	
<u>TYPICAL</u>			
Gross Caloric Value GCV (kcal/kg)	(ARB)	5435	KCAL/KG
Total Moisture	(ARB)	17.55	PCT
Inherent Moisture	(ADB)	12.42	PCT
Ash	(ADB)	6.89	PCT
Volatile Matter	(ADB)	38.27	PCT
Sulphur	(ADB)	0.62	PCT
Grindability (HGI)		51	
Sizing 0-100 mm		94.22	PCT

This report is issued without prejudice. Our liability is limited to the exercise of due care and diligence. This report reflects our findings at the time, place of inspection / testing and is not intended to relieve the buyers and sellers from their contractual obligations.

Issued By An Independent Surveyor at Load Port
PT INDOTAMA MITRA SERVICES



(Authorized Signatory)