CERTIFICATE SAMPLING AND ANALYSIS

Cer. No. :

SHIPPER PT. TRADA TRANS INDONESIA

GEDUNG KIRANA TWO LANTAI 10A

JL. BOULEVARD TIMUR NO. 88 KELAPA GADING JAKARTA UTARA

14140 INDONESIA

CONSIGNEE PT. TRADA TRANS INDONESIA

NOTIFY ADDRESS SAME AS CONSIGNEE

NAME OF VESSEL TB. HARLINA 829 BG. SOEKAWATI 356

QUANTITY 7,595.848 MT

PORT OF LOADING PELABUHAN DTBS KINTAP, KALIMANTAN SELATAN

PORT OF DISCHARGE PELABUHAN KARYA CITRA NUSANTARA, MARUNDA, JAKARTA UTARA

DESCRIPTION OF GOODS RAW COAL

MARCH 15th - 17th, 2021 DATE OF INTERVENTION

Samples were taken with ASTM D2234/2234M-10 and prepare in accordance with ASTM D2013/D2013M-09

That upon the request of the Principals, we carried out analysis of the above shipment with spesifications in accordance with ASTM standards,

Typical specifications of coal (as per ASTM standard):

PARAMETERS	BASIS	ACTUAL RESULTS
Total Moisture	(As Received Basis)	3 <mark>3</mark> .96 pct
Inherent Moisture	(Air Dried Basis)	1 <mark>5.</mark> 30 pct
Ash	(Air Dried Basis)	7.62 pct
Volatile Matter	(Air Dried Basis)	40.04 pct
Fixed Carbon	(Air Dried Basis)	36.39 pct
Sulphur	(Air Dried Basis)	0.28 pct
Gross Calorific Value	(As Received Basis)	4,070 Kcal/Kg
Gross Calorific Value	(Air Dried Basis)	5,220 Kcal/Kg
Gross Calorific Value	(Dry Ash Free)	6,772 Kcal/Kg
Sizing	0 – 50 mm	36.65 %

Signed for and on behalf of

PT. Triyasa Pirsa Utama

Issued by Independent Inspection Agency At

Loading Port PT. Triyasa Pirsa Utama / PT. OOWLI

Date Issued: March 20th, 2021

Doni Chandra

Head of Laboratary

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- Perkantoran Mitra Matraman Blok B-5 Jl. Matraman Raya No. 148 Jakarta Pusat 13150
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