



Certificate No. : **BJB 10513 QQ**

CERTIFICATE OF SAMPLING AND ANALYSIS

Vessel : TB. SATRIA LAKSANA 68 / BG. SATRIA LAUT 3098
Quantity : 7,312.951 MT
Shipper : PT. BARITO INTI PERDANA
Consignee : PT. [REDACTED]

Notify Address : [REDACTED]

Port of Loading : JETTY IMCM, KINTAP - KALIMANTAN SELATAN
Port of Discharging : KCN MARUNDA JAKARTA
Description of Goods : INDONESIAN STEAM COAL IN BULK
Date of Inspection : 14 MAY 2017 UP TO 17 MAY 2017

THIS IS TO CERTIFY, that we have performed the inspection of the coal consignment nominated above. Gross samples were drawn manually during loading to the barge of moving stream systematically in accordance with ASTM D 2234 Standard Methods. Samples were prepared and analyzed in accordance with ASTM Standard Methods, the result are as follows:

Test	Result
Total Moisture	Weight % (As Received Basis) : 21.40 ASTM D 3302 - D3302M - 12
Moisture In the Analysis Sample	Weight % (Air Dried Basis) : 10.16 ASTM D 3173 - 2011
Ash	Weight % (Air Dried Basis) : 13.33 ASTM D 3174 - 2012
Volatile Matter	Weight % (Air Dried Basis) : 38.92 ASTM D 3175 - 2011
Fixed Carbon	Weight % (Air Dried Basis) : 37.59 By difference
Total Sulfur	Weight % (Air Dried Basis) : 1.29 ASTM D 4239 - 2014
Gross Calorific Value	Kcal/Kg (Air Dried Basis) : 5603 ASTM D 5865 - 13
Gross Calorific Value	Kcal/Kg (As Received Basis) : 4902 ASTM D 5865 - 13
HGI	: 48 ASTM D 409 / D 409M - 12
Size (0 - 50 mm)	Weight % : 81.96 ASTM D 4749 - 87 (2012)

Banjarbaru, 19 May 2017

For and on behalf of

PT. Surveyor Carbon Consulting Indonesia



Nur Kasari

Asst. Laboratory Manager

This certificate reflects our finding at time and place of inspection and does not refer to any other matter. This certificate is issued without prejudice and on the understanding that it does not relieve parties from their contractual obligations. All inspection covered in this certificate have been carried out to the best of our knowledge and ability and in accordance with practice and standard generally accepted in trade. Our responsibility is limited to the exercise of reasonable care and due diligence.
013/Form-ROA/Adop Rev.0





PT. SURVEYOR CARBON CONSULTING INDONESIA (SCCI)
COAL & MINERAL SERVICES

AA0042502A

Remove Watermark Now

To Accompany Cert. No : **BJB 10513 QQ**

CERTIFICATE OF WEIGHT

THIS IS CERTIFY that the undersigned Surveyor of PT. Surveyor Carbon Consulting Indonesia did carry out a draft survey on board the following barge according to SNI 7986:2014 and based on either measurements or scales and tables produced by the said vessel, the total cargo loaded on board this barge was determined and reported as follows :

GENERAL PARTICULARS

Vessel : TB. SATRIA LAKSANA 68 / BG. SATRIA LAUT 3098
Quantity : 7,312.951 MT
Shipper : PT. BARITO INTI PERDANA
Consignee :

Notify Address :

JAKARTA 12930 INDONESIA

Port of Loading : JETTY IMCM, KINTAP - KALIMANTAN SELATAN
Port of Discharging : KCN MARUNDA JAKARTA
Description of Goods : INDONESIAN STEAM COAL IN BULK
Date of Inspection : 14 MAY 2017 UP TO 17 MAY 2017

This draft survey was done with the Chief Officer of the said vessel in attendance. From the figures obtained by mean of the vessel's draft checked at the time initial and final draft surveys it was concluded that the total weight of cargo loaded on board the vessel, proved to be:

7,312.951 Metric Tons

Banjarbaru, 19 May 2017

For and behalf of

PT. Surveyor Carbon Consulting Indonesia


Rakhman
Asst. Operation Manager

This certificate reflects our finding at time and place of inspection and does not refer to any other matter. This certificate is issued without prejudice and on the understanding that it does not relieve parties from their contractual obligations. All inspection covered in this certificate have been carried out to the best of our knowledge and ability and in accordance with practice and standard generally accepted in trade. Our responsibility is limited to the exercise of reasonable care and due diligence.
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Job No. : BJB 10513 QQ

DRAFT SURVEY REPORT

Load Port : JETTY IMCM, KINTAP - KALIMANTAN SELATAN	Disch Port : KCN MARUNDA JAKARTA
Barge : SATRIA LAUT 3098	S DWT : _____ M/T
Registry : _____	Cargo : INDONESIAN STEAM COAL IN BULK
Tug Boat : SATRIA LAKSANA 68	S Draft : _____ m
Registry : _____	T DWT : _____ M/T
	T Draft : _____ m
	LBP : _____ m
	Initial Survey : 13:40 hrs 14 May 17
	Ldg Commce : 14:00 hrs 14 May 17
	Ldg Complete : 13:00 hrs 17 May 17
	Final Survey : 14:05 hrs 17 May 17

	INITIAL	FINAL
Corrected Density	1.015	1.015
Draft Forward Port	0.84 metres	4.30 metres
Draft Forward Starboard	0.71 metres	4.15 metres
Draft Forward Mean	0.775 metres	4.225 metres
Correction	- metres	- metres
Corrected Forward Draft	0.775 metres	4.225 metres
Draft Aft Port	0.82 metres	4.68 metres
Draft Aft Starboard	0.72 metres	4.46 metres
Draft Aft Mean	0.77 metres	4.57 metres
Correction	- metres	- metres
Corrected Draft Aft	0.77 metres	4.57 metres
Fore and Aft Mean	0.7725 metres	4.3975 metres
Draft Port Midships Corr'd	- metres	- metres
Draft Starboard Midships Corr'd	- metres	- metres
Midships Mean Corr'd	- metres	- metres
Mean of Means	0.7725 metres	4.3975 metres
Double Mean of means	0.7725 metres	4.3975 metres
Displacement	1,298.500 tonnes	8,683.500 tonnes
1st Trim Correction	- tonnes	- tonnes
2nd Trim Correction	- tonnes	- tonnes
Displacement Corr'd for Trim	1,298.500 tonnes	8,683.500 tonnes
Density Correction	-12.668 tonnes	-84.717 tonnes
Displacement Corr'd for dsty	1,285.832 tonnes	8,598.783 tonnes
Deductible Weight	- tonnes	- tonnes
Nett Displacement	1,285.832 tonnes	8,598.783 tonnes
Cargo Loaded		7,312.951 tonnes

From the figure obtained by means of the ship's draft checked at the time of the initial and final surveys according to SNI 7986:2014, we hereby certify the weight of the cargo which was loaded on the above barge to be as follows :

Weight: 7,312.951 metric tons

Remarks:

Signed for, on behalf of PT. Surveyor Carbon Consulting Indonesia : Asst. Operation Manager

Dated **19 May 2017**

Rakhman

This report reflects our finding at time and place of inspection and does not refer to any other matter. This report is issued without prejudice and on the understanding that it does not relieve parties from their contractual obligations. All inspection covered in this report have been carried out to the best of our knowledge and ability and in accordance with practice and standard generally accepted in trade. Our responsibility is limited to the exercise of reasonable care and due diligence.
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