

Certificate No. 00658/AOAAAN  
Date : January 21, 2020



Issuing Office :  
Jl. Raya Pasar Minggu Kav. 34, Jakarta 12780, Indonesia  
Phone/Fax: +62 21 7983666/7983888  
Email: min.pst@sucofindo.co.id

## CERTIFICATE OF SAMPLING AND ANALYSIS

SHIPPER : PT BERAU COAL,  
SINARMAS MSIG TOWER, 8TH AND 9TH FLR  
JL. JENDRAL SUDIRMAN KAV.21,KARET, SETIABUDI  
JAKARTA 12920, INDONESIA

CONSIGNEE : TO THE ORDER OF TNB FUEL SERVICES SDN.BHD.

NOTIFY PARTY : TNB FUEL SERVICES SDN. BHD.,  
LEVEL 16, MENARA TM, JALAN PANTAI BAHARU 50672  
KUALA LUMPUR, MALAYSIA.

PORT OF LOADING : MUARA PANTAI, EAST KALIMANTAN, INDONESIA

PORT OF DESTINATION : ANY PORT IN MALAYSIA

DESCRIPTION OF GOODS : AGATHIS COAL IN BULK

LOADABLE QUANTITY : 77,000 MT

LOADING PERIOD : JANUARY 12, 2020 UP TO JANUARY 18, 2020

VESSEL NAME : MV. OCEAN ARTEMIS

CREDIT NUMBER : TF001M629599

DATE OF CREDIT : 03 JANUARY 2020

ISSUING BANK : CIMB BANK BERHAD

Gross samples were taken during loading in accordance with ISO Standards. Samples were analyzed based on ISO Standards and showed the following average results :

### PROPERTY (As Received Basis)

	UNITS	RESULT	BASIS
Gross Calorific Value	Kcal /Kg	5,100	AR
Total Moisture	%	23.3	AR
Ash	%	5.5	AR
Volatile Matter	%	34.2	AR
Total Sulphur	%	0.58	AR
Phosphorous	%	0.008	AR
Chlorine	%	0.01	AR
Fuel Ratio		1.08	AR
Sodium in Ash	%	2.53	AR

### PROXIMATE ANALYSIS (Air Dried Basis)

	UNITS	RESULT	BASIS
Calorific Value	Kcal /Kg	5,672	ADB
Moisture	%	14.7	ADB
Ash	%	6.1	ADB
Volatile Matter	%	38.0	ADB
Fix Carbon	%	41.2	ADB
Total Sulphur	%	0.64	ADB

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Dept. of Coal Inspection



Adrian E Jonas  
Issued By PT. SUCOFINDO  
At Loading port

6302011700057



6781218

**ULTIMATE ANALYSIS (Dry Ash Free)**

	UNITS	RESULT	BASIS
Carbon	%	: 74.1	DAF
Hydrogen	%	: 5.35	DAF
Nitrogen	%	: 1.58	DAF
Sulphur	%	: 0.81	DAF
Oxygen	%	: 18.2	DAF

**ASH FUSION TEMPERATURE (Reducing Atmosphere)**

- Initial Deformation	°C	1,100
- Hemispherical Deformation	°C	1,160
- Flow	°C	1,190

**ASH FUSION TEMPERATURE (Oxidizing Atmosphere)**

- Initial Deformation	°C	1,220
- Hemispherical Deformation	°C	1,270
- Flow	°C	1,310

**PHYSICAL PROPERTIES**

Hardgrove Grindability Index  
 Abrasive Index

Mg metal/kg coal

45  
17

**Size Distribution**

0 x 50 MM		95.3
0 x 3 MM		18.3
0 x 2 MM		13.3
0 x 0.5 MM		2.0

**ASH ANALYSIS ( Dry Basis )**

**PROPERTY**

	UNITS	RESULT	BASIS
SiO <sub>2</sub>	%	48.24	DB
Al <sub>2</sub> O <sub>3</sub>	%	15.11	DB
Fe <sub>2</sub> O <sub>3</sub>	%	9.70	DB
CaO	%	9.09	DB
MgO	%	2.39	DB
Na <sub>2</sub> O	%	3.79	DB
K <sub>2</sub> O	%	0.98	DB
Mn <sub>3</sub> O <sub>4</sub>	%	0.18	DB
TiO <sub>2</sub>	%	0.58	DB
P <sub>2</sub> O <sub>5</sub>	%	0.33	DB
SO <sub>3</sub>	%	9.14	DB
BaO	%	0.19	DB
Ud.	%	0.28	DB



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Email: min.pst@sucofindo.co.id

## COAL QUALITY REJECTION LIMITS

SHIPPER	: PT BERAU COAL, SINARMAS MSIG TOWER, 8TH AND 9TH FLR JL. JENDRAL SUDIRMAN KAV.21,KARET, SETIABUDI JAKARTA 12920, INDONESIA
CONSIGNEE NOTIFY PARTY	: TO THE ORDER OF TNB FUEL SERVICES SDN.BHD. TNB FUEL SERVICES SDN. BHD., LEVEL 16, MENARA TM, JALAN PANTAI BAHARU 50672 KUALA LUMPUR, MALAYSIA.
PORT OF LOADING	: MUARA PANTAI, EAST KALIMANTAN, INDONESIA
PORT OF DESTINATION	: ANY PORT IN MALAYSIA
DESCRIPTION OF GOODS	: AGATHIS COAL IN BULK
LOADABLE QUANTITY	: 77,000 MT
LOADING PERIOD	: JANUARY 12, 2020 UP TO JANUARY 18, 2020
VESSEL NAME	: MV. OCEAN ARTEMIS
CREDIT NUMBER	: TF001M629599
DATE OF CREDIT	: 03 JANUARY 2020
ISSUING BANK	: CIMB BANK BERHAD

Gross samples were taken during loading in accordance with ISO Standards. Samples were analyzed based on ISO Standards and showed the following average results :

Properties	Value as per Certificate of Sampling Analysis	Rejection Limit
Gross Calorific Value (Gross) (as received basis)	5,100 Kcal / kg	Below 4,800 kcal/kg
Total Moisture ( as received basis)	23.3 %	Exceeds 30%
Ash Content (as received basis)	5.5 %	Exceeds 15%
Sulfur Content (as received basis)	0.58 %	Exceeds 1%
Volatile Matter (as received basis)	34.2 %	Below 22.5%
Fuel Ratio (as received basis)	1.08	Exceeds 1.5%
Hardgrove Grindability Index	45	Below 40 index points
Ash Fusion Temperature (reducing atmosphere - IDT)	1,100 °C	Below 1,000°C
% of coal size more than 50 mm of total size distribution	4.7 %	Not more than 5%
% of coal size less than 3 mm fines of total size distribution	18.3 %	Not more than 30%
% of coal size less than 2 mm fines of total size distribution	13.3 %	Not more than 40%

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Dept. of Coal Inspection



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6781219

Certificate No. 00660/AOAAAN  
Date : January 21, 2020



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Email: min.pst@sucofindo.co.id

## CERTIFICATE OF WEIGHT

SHIPPER : PT BERAU COAL,  
SINARMAS MSIG TOWER, 8TH AND 9TH FLR  
JL. JENDRAL SUDIRMAN KAV.21,KARET, SETIABUDI  
JAKARTA 12920, INDONESIA

CONSIGNEE : TO THE ORDER OF TNB FUEL SERVICES SDN.BHD.

NOTIFY PARTY : TNB FUEL SERVICES SDN. BHD.,  
LEVEL 16, MENARA TM, JALAN PANTAI BAHARU 50672  
KUALA LUMPUR, MALAYSIA.

PORT OF LOADING : MUARA PANTAI, EAST KALIMANTAN, INDONESIA

PORT OF DESTINATION : ANY PORT IN MALAYSIA

DESCRIPTION OF GOODS : AGATHIS COAL IN BULK

LOADABLE QUANTITY : 77,000 MT

LOADING PERIOD : JANUARY 12, 2020 UP TO JANUARY 18, 2020

VESSEL NAME : MV. OCEAN ARTEMIS

CREDIT NUMBER : TF001M629599

DATE OF CREDIT : 03 JANUARY 2020

ISSUING BANK : CIMB BANK BERHAD



THIS IS TO CERTIFY, that at the request of the Shipper, we attended on board the above vessel both prior to and after loading for the purpose of establishing the weight of a cargo of Coal by Draft Survey.

According to the relevant data available on board, we established, based on the differences in the Light and Loaded Displacements, a cargo figure of :

77,000 MT

This certificate refers to the findings indicated above only and does not constitute a statement of quantity as referred to in the Metrology Law No. 2 of 1981.



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Dept. of Coal Inspection



Adrian E Jonas  
Issued By PT. SUCOFINDO  
At Loading port

6302011700057



6781220

Certificate No. 00661/AOAAAN  
Date : January 21, 2020



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Email: min.pst@sucofindo.co.id

## HOLD CLEANLINESS INSPECTION CERTIFICATE

SHIPPER	: PT BERAU COAL, SINARMAS MSIG TOWER, 8TH AND 9TH FLR JL. JENDRAL SUDIRMAN KAV.21,KARET, SETIABUDI JAKARTA 12920, INDONESIA
CONSIGNEE NOTIFY PARTY	: TO THE ORDER OF TNB FUEL SERVICES SDN.BHD. TNB FUEL SERVICES SDN. BHD., LEVEL 16, MENARA TM, JALAN PANTAI BAHARU 50672 KUALA LUMPUR, MALAYSIA.
POR OF LOADING	: MUARA PANTAI, EAST KALIMANTAN, INDONESIA
PORT OF DESTINATION	: ANY PORT IN MALAYSIA
DESCRIPTION OF GOODS	: AGATHIS COAL IN BULK
LOADABLE QUANTITY	: 77,000 MT
LOADING PERIOD	: JANUARY 12, 2020 UP TO JANUARY 18, 2020
VESSEL NAME	: MV. OCEAN ARTEMIS
CREDIT NUMBER	: TF001M629599
DATE OF CREDIT	: 03 JANUARY 2020
ISSUING BANK	: CIMB BANK BERHAD

THIS IS TO CERTIFY, that at the request of the Shipper, we attended on board the above vessel, for inspection of holds nos. 1 until 7 prior to loading.

In our opinion, from a visual inspection, these Holds were found suitable clean to receive a cargo of Coal in bulk.

This Certificate refers to hold Cleaning Inspection Certificate only and does not certify any other matter it reflects our findings at time and place of inspection only and is issued without prejudice.

This Certificate/report is issued under our General Terms and Conditions, copy of which is available upon request or may be accessed at [www.sucofindo.co.id](http://www.sucofindo.co.id)

6302011700057

Dept. of Coal Inspection  
  
Adrian E Jonas  
Issued By PT SUCOFINDO  
At Loading port



6781221

SCI-2007AC

Certificate No. 00662/AOAAAN  
Date : January 21, 2020



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Phone/Fax: +62 21 7983666/7983888  
Email: min.pst@sucofindo.co.id

## CERTIFICATE OF ORIGIN

SHIPPER : PT BERAU COAL,  
SINARMAS MSIG TOWER, 8TH AND 9TH FLR  
JL. JENDRAL SUDIRMAN KAV.21,KARET, SETIABUDI  
JAKARTA 12920, INDONESIA

CONSIGNEE : TO THE ORDER OF TNB FUEL SERVICES SDN.BHD.

NOTIFY PARTY : TNB FUEL SERVICES SDN. BHD.,  
LEVEL 16, MENARA TM, JALAN PANTAI BAHARU 50672  
KUALA LUMPUR, MALAYSIA.

POR T OF LOADING : MUARA PANTAI, EAST KALIMANTAN, INDONESIA

PORT OF DESTINATION : ANY PORT IN MALAYSIA

DESCRIPTION OF GOODS : AGATHIS COAL IN BULK

LOADABLE QUANTITY : 77,000 MT

LOADING PERIOD : JANUARY 12, 2020 UP TO JANUARY 18, 2020

VESSEL NAME : MV. OCEAN ARTEMIS

CREDIT NUMBER : TF001M629599

DATE OF CREDIT : 03 JANUARY 2020

ISSUING BANK : CIMB BANK BERHAD



We hereby certify that the coal mined and shipped is of Indonesian Origin.

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This certificate is for Letter of Credit clearance purpose only and not for custom clearance at discharge country.

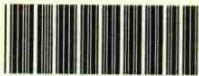
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Dept. of Coal Inspection



Adrian E Jonas  
Issued By PT. SUCOFINDO  
At Loading port

6302011700057



6781222

SCI-2007AC

Certificate No. 00663/AOAAAN  
Date : January 21, 2020



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## DRAFT SURVEY REPORT

SHIPPER : PT BERAU COAL,  
SINARMAS MSIG TOWER, 8TH AND 9TH FLR  
JL. JENDRAL SUDIRMAN KAV.21,KARET, SETIABUDI  
JAKARTA 12920, INDONESIA

CONSIGNEE : TO THE ORDER OF TNB FUEL SERVICES SDN.BHD.

NOTIFY PARTY : TNB FUEL SERVICES SDN. BHD.,  
LEVEL 16, MENARA TM, JALAN PANTAI BAHARU 50672  
KUALA LUMPUR, MALAYSIA.

POR OF LOADING : MUARA PANTAI, EAST KALIMANTAN, INDONESIA

PORT OF DESTINATION : ANY PORT IN MALAYSIA

DESCRIPTION OF GOODS : AGATHIS COAL IN BULK

LOADABLE QUANTITY : 77,000 MT

LOADING PERIOD : JANUARY 12, 2020 UP TO JANUARY 18, 2020

VESSEL NAME : MV. OCEAN ARTEMIS

CREDIT NUMBER : TF001M629599

DATE OF CREDIT : 03 JANUARY 2020

ISSUING BANK : CIMB BANK BERHAD

THIS IS TO CERTIFY, that upon request of Principals, we proceeded to the vessel concerned for the purpose of conducting draft-reading at initial and final stage, to estimate the quantity of the consignment through calculating of the respective displacement of light and loaded vessel, based on figures obtained through draft reading.

According to the relevant data available on board vessel as specified in attached schedule which forms an inseparable part of this report, we arrive at the following figures :

Net Displacement light : 16,056 MT  
Net Displacement loaded : 93,056 MT

Quantity of consignment : 77,000 MT

This report refers to ship's draft reading and reflects our findings at time and place of named intervention only and does not constitute a statement of quantity as referred to in the Metrology Law no. 2 year 1981.

It is issued without prejudice and upon the understanding that it will not serve as a document representing a transfer of custody or title of the consignment concerned.

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Dept. of Coal Inspection



Adrian E Jonas  
Issued By PT. SUCOFINDO  
At Loading port

6302011700057



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Certificate of Weight

Schedule of data obtained through draft reading :

Vessel Name : MV. OCEAN ARTEMIS  
 Description Of Goods : AGATHIS COAL IN BULK  
 Loadable Quantity : 77,000 MT

Date of Draft Reading	INITIAL	FINAL
	January 12, 2020	January 18, 2020
1. a. Draft forward, mean, m	5.545	12.780
b. Stem correction, m	- 0.046	- 0.030
c. Draft forward corrected to F.P, m	5.499	12.750
2. a. Draft after, mean, m	7.545	13.380
b. Stern correction, m	0.086	0.010
c. Draft after corrected to A.P, m	7.631	13.390
3. Draft, fore & after mean, m	6.5650	13.070
4. a. Draft midships mean, m	6.455	13.180
b. Midships correction, m	- 0.023	- 0.023
c. Draft midships correction to MID, m	6.432	13.157
5. Mean of means draft, m	6.49850	13.11350
6. Mean of means draft corrected for Hog / Sag, m	6.465250	13.135250
7. Displacement, MT	43,601	94,534
8. a. Trim, m	2.132	0.640
b. Correction for trim, MT	- 584	17
c. Displacement for trim corrected, MT	43,017	94,551
9. a. Density observed, Kg / L	1.0200	1.0200
b. Correction for density observed, MT	- 210	- 461
10. Displacement for density correction, MT	42,807	94,090
11. Total consumable stores and ballast, MT	26,751	1,034
12. Displacement corrected for consumable stores and ballast, MT	16,056	93,056
13. a. Corrected displacement, light,	16,056 MT	
b. Corrected displacement, Loaded,	93,056 MT	
14. Total calculated cargo loaded,	77,000 MT	



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## CERTIFICATE OF SAMPLING AND ANALYSIS

SHIPPER	:	PT BERAU COAL, SINARMAS MSIG TOWER, 8TH AND 9TH FLR JL. JENDRAL SUDIRMAN KAV.21,KARET, SETIABUDI JAKARTA 12920, INDONESIA
CONSIGNEE	:	TO THE ORDER OF TNB FUEL SERVICES SDN.BHD.
NOTIFY PARTY	:	TNB FUEL SERVICES SDN. BHD., LEVEL 16, MENARA TM, JALAN PANTAI BAHARU 50672 KUALA LUMPUR, MALAYSIA
PORT OF LOADING	:	MUARA PANTAI, EAST KALIMANTAN, INDONESIA
PORT OF DESTINATION	:	ANY PORT IN MALAYSIA
DESCRIPTION OF GOODS	:	AGATHIS COAL IN BULK
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VESSEL NAME	:	MV. OCEAN ARTEMIS
CREDIT NUMBER	:	TF001M629599
DATE OF CREDIT	:	03 JANUARY 2020
ISSUING BANK	:	CIMB BANK BERHAD

Gross samples were taken during loading in accordance with ISO Standards. Samples were analyzed based on ISO Standards and showed the following average results :

### PROPERTY (As Received Basis)

	UNITS	RESULT	BASIS
Gross Calorific Value	Kcal /Kg	: 5,100	AR
Total Moisture	%	: 23.3	AR
Ash	%	: 5.5	AR
Volatile Matter	%	: 34.2	AR
Total Sulphur	%	: 0.58	AR
Phosphorous	%	: 0.008	AR
Chlorine	%	: 0.01	AR
Fuel Ratio		: 1.08	AR
Sodium in Ash	%	: 2.53	AR

### PROXIMATE ANALYSIS (Air Dried Basis)

	Calorific Value	Kcal /Kg	RESULT	ADB
Moisture	%	:	14.7	ADB
Ash	%	:	6.1	ADB
Volatile Matter	%	:	38.0	ADB
Fix Carbon	%	:	41.2	ADB
Total Sulphur	%	:	0.64	ADB

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Dept. of Coal Inspection

  
Adrian E Jonas  
Issued By PT. SUCOFINDO  
At Loading port



3445562

SCI - 2007A

Attachment  
Certificate No. 00658/AOAAAN  
Date : January 21, 2020

Page 1 of 1



**ULTIMATE ANALYSIS (Dry Ash Free)**

	<b>UNITS</b>	<b>RESULT</b>	<b>BASIS</b>
Carbon	%	: 74.1	DAF
Hydrogen	%	: 5.35	DAF
Nitrogen	%	: 1.58	DAF
Sulphur	%	: 0.81	DAF
Oxygen	%	: 18.2	DAF

**ASH FUSION TEMPERATURE (Reducing Atmosphere)**

- Initial Deformation	°C	1,100
- Hemispherical Deformation	°C	1,160
- Flow	°C	1,190

**ASH FUSION TEMPERATURE (Oxidizing Atmosphere)**

- Initial Deformation	°C	1,220
- Hemispherical Deformation	°C	1,270
- Flow	°C	1,310

**PHYSICAL PROPERTIES**

Hardgrove Grindability Index	:	45
Abrasive Index	Mg metal/kg coal	:

**Size Distribution**

0 x 50 MM	:	95.3
0 x 3 MM	:	18.3
0 x 2 MM	:	13.3
0 x 0.5 MM	:	2.0

**ASH ANALYSIS ( Dry Basis )**

<b>PROPERTY</b>	<b>UNITS</b>	<b>RESULT</b>	<b>BASIS</b>
SiO <sub>2</sub>	%	48.24	DB
Al <sub>2</sub> O <sub>3</sub>	%	15.11	DB
Fe <sub>2</sub> O <sub>3</sub>	%	9.70	DB
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MgO	%	2.39	DB
Na <sub>2</sub> O	%	3.79	DB
K <sub>2</sub> O	%	0.98	DB
Mn <sub>3</sub> O <sub>4</sub>	%	0.18	DB
TiO <sub>2</sub>	%	0.58	DB
P <sub>2</sub> O <sub>5</sub>	%	0.33	DB
SO <sub>3</sub>	%	9.14	DB
BaO	%	0.19	DB
Ud.	%	0.28	DB



1583745



Certificate No. 00659/AOAAAN  
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## COAL QUALITY REJECTION LIMITS

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CONSIGNEE NOTIFY PARTY	: TO THE ORDER OF TNB FUEL SERVICES SDN.BHD. TNB FUEL SERVICES SDN. BHD., LEVEL 16, MENARA TM, JALAN PANTAI BAHARU 50672 KUALA LUMPUR, MALAYSIA.
PORT OF LOADING	: MUARA PANTAI, EAST KALIMANTAN, INDONESIA
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Properties	Value as per Certificate of Sampling Analysis	Rejection Limit
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% of coal size more than 50 mm of total size distribution	4.7	%
% of coal size less than 3 mm fines of total size distribution	18.3	%
% of coal size less than 2 mm fines of total size distribution	13.3	%

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Dept. of Coal Inspection

Adrian E Jonas  
Issued By PT SUCOFINDO  
At Loading port



3445563

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Certificate No. 00660/AOAAAN  
Date : January 21, 2020



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## CERTIFICATE OF WEIGHT

SHIPPER : PT BERAU COAL,  
SINARMAS MSIG TOWER, 8TH AND 9TH FLR  
JL. JENDRAL SUDIRMAN KAV.21,KARET, SETIABUDI  
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NOTIFY PARTY : TNB FUEL SERVICES SDN. BHD.,  
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PORT OF DESTINATION : ANY PORT IN MALAYSIA

DESCRIPTION OF GOODS : AGATHIS COAL IN BULK

LOADABLE QUANTITY : 77,000 MT

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DATE OF CREDIT : 03 JANUARY 2020

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THIS IS TO CERTIFY, that at the request of the Shipper, we attended on board the above vessel both prior to and after loading for the purpose of establishing the weight of a cargo of Coal by Draft Survey.

According to the relevant data available on board, we established, based on the differences in the Light and Loaded Displacements, a cargo figure of :

77,000 MT

This certificate refers to the findings indicated above only and does not constitute a statement of quantity as referred to in the Metrology Law No. 2 of 1981.

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Adrian E Jonas  
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At Loading port

6302011700057



3445564

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Certificate No. 00661/AOAAAN  
Date : January 21, 2020



Issuing Office :  
Jl. Raya Pasar Minggu Kav. 34, Jakarta 12780, Indonesia  
Phone/Fax: +62 21 7983666/7983888  
Email: min.pst@sucofindo.co.id

## HOLD CLEANLINESS INSPECTION CERTIFICATE

SHIPPER	: PT BERAU COAL, SINARMAS MSIG TOWER, 8TH AND 9TH FLR JL. JENDRAL SUDIRMAN KAV.21,KARET, SETIABUDI JAKARTA 12920, INDONESIA
CONSIGNEE NOTIFY PARTY	: TO THE ORDER OF TNB FUEL SERVICES SDN.BHD. : TNB FUEL SERVICES SDN. BHD., LEVEL 16, MENARA TM, JALAN PANTAI BAHARU 50672 KUALA LUMPUR, MALAYSIA.
PORT OF LOADING	: MUARA PANTAI, EAST KALIMANTAN, INDONESIA
PORT OF DESTINATION	: ANY PORT IN MALAYSIA
DESCRIPTION OF GOODS	: AGATHIS COAL IN BULK
LOADABLE QUANTITY	: 77,000 MT
LOADING PERIOD	: JANUARY 12, 2020 UP TO JANUARY 18, 2020
VESSEL NAME	: MV. OCEAN ARTEMIS
CREDIT NUMBER	: TF001M629599
DATE OF CREDIT	: 03 JANUARY 2020
ISSUING BANK	: CIMB BANK BERHAD

THIS IS TO CERTIFY, that at the request of the Shipper, we attended on board the above vessel, for inspection of holds nos. 1 until 7 prior to loading.

In our opinion, from a visual inspection, these Holds were found suitable clean to receive a cargo of Coal in bulk.

This Certificate refers to hold Cleaning Inspection Certificate only and does not certify any other matter it reflects our findings at time and place of inspection only and is issued without prejudice.

This Certificate/report is issued under our General Terms and Conditions, copy of which is available upon request or may be accessed at [www.sucofindo.co.id](http://www.sucofindo.co.id)

Dept. of Coal Inspection

Adrian E Jonas  
Issued By PT. SUCOFINDO  
At Loading port

6302011700057



3445565

SCI - 2007 A



Certificate No. 00662/AOAAAN  
Date : January 21, 2020



Issuing Office :  
Jl. Raya Pasar Minggu Kav. 34, Jakarta 12780, Indonesia  
Phone/Fax: +62 21 7983666/7983888  
Email: min.pst@sucofindo.co.id

## CERTIFICATE OF ORIGIN

SHIPPER : PT BERAU COAL,  
SINARMAS MSIG TOWER, 8TH AND 9TH FLR  
JL. JENDRAL SUDIRMAN KAV.21,KARET, SETIABUDI  
JAKARTA 12920, INDONESIA

CONSIGNEE : TO THE ORDER OF TNB FUEL SERVICES SDN.BHD.

NOTIFY PARTY : TNB FUEL SERVICES SDN. BHD.,  
LEVEL 16, MENARA TM, JALAN PANTAI BAHARU 50672  
KUALA LUMPUR, MALAYSIA.

POR OF LOADING : MUARA PANTAI, EAST KALIMANTAN, INDONESIA

POR OF DESTINATION : ANY PORT IN MALAYSIA

DESCRIPTION OF GOODS : AGATHIS COAL IN BULK

LOADABLE QUANTITY : 77,000 MT

LOADING PERIOD : JANUARY 12, 2020 UP TO JANUARY 18, 2020

VESSEL NAME : MV. OCEAN ARTEMIS

CREDIT NUMBER : TF001M629599

DATE OF CREDIT : 03 JANUARY 2020

ISSUING BANK : CIMB BANK BERHAD

We hereby certify that the coal mined and shipped is of Indonesian Origin.

This certificate is for Letter of Credit clearance purpose only and not for custom clearance at discharge country.

This Certificate/report is issued under our General Terms and Conditions, copy of which is available upon request or may be accessed at [www.sucofindo.co.id](http://www.sucofindo.co.id)

Dept. of Coal Inspection

Adrian E Jonas  
Issued By PT. SUCOFINDO  
At Loading port

6302011700057



3445566

SCI - 2007 A



Certificate No. 00663/AOAAAN  
Date : January 21, 2020



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Phone/Fax: +62 21 7983666/7983888  
Email: min.pst@sucofindo.co.id

## DRAFT SURVEY REPORT

SHIPPER : PT BERAU COAL,  
SINARMAS MSIG TOWER, 8TH AND 9TH FLR  
JL. JENDRAL SUDIRMAN KAV.21,KARET, SETIABUDI  
JAKARTA 12920, INDONESIA

CONSIGNEE : TO THE ORDER OF TNB FUEL SERVICES SDN.BHD.

NOTIFY PARTY : TNB FUEL SERVICES SDN. BHD.,  
LEVEL 16, MENARA TM, JALAN PANTAI BAHARU 50672  
KUALA LUMPUR, MALAYSIA.

PORT OF LOADING : MUARA PANTAI, EAST KALIMANTAN, INDONESIA

PORT OF DESTINATION : ANY PORT IN MALAYSIA

DESCRIPTION OF GOODS : AGATHIS COAL IN BULK

LOADABLE QUANTITY : 77,000 MT

LOADING PERIOD : JANUARY 12, 2020 UP TO JANUARY 18, 2020

VESSEL NAME : MV. OCEAN ARTEMIS

CREDIT NUMBER : TF001M629599

DATE OF CREDIT : 03 JANUARY 2020

ISSUING BANK : CIMB BANK BERHAD

THIS IS TO CERTIFY, that upon request of Principals, we proceeded to the vessel concerned for the purpose of conducting draft-reading at initial and final stage, to estimate the quantity of the consignment through calculating of the respective displacement of light and loaded vessel, based on figures obtained through draft reading.

According to the relevant data available on board vessel as specified in attached schedule which forms an inseparable part of this report, we arrive at the following figures :

Net Displacement light	:	16,056 MT
Net Displacement loaded	:	93,056 MT
Quantity of consignment	:	77,000 MT

This report refers to ship's draft reading and reflects our findings at time and place of named intervention only and does not constitute a statement of quantity as referred to in the Metrology Law no. 2 year 1981.

It is issued without prejudice and upon the understanding that it will not serve as a document representing a transfer of custody or title of the consignment concerned.

This Certificate/report is issued under our General Terms and Conditions, copy of which is available upon request or may be accessed at [www.sucofindo.co.id](http://www.sucofindo.co.id)

Dept. of Coal Inspection

Adrian E Jonas  
Issued By PT. SUCOFINDO  
At Loading port



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Attachment  
Certificate No. 00663/AOAAAN  
Date : January 21, 2020

Page 1 of 1



Certificate of Weight

Schedule of data obtained through draft reading :

Vessel Name : MV. OCEAN ARTEMIS  
Description Of Goods : AGATHIS COAL IN BULK  
Loadable Quantity : 77,000 MT

Date of Draft Reading	INITIAL	FINAL
	January 12, 2020	January 18, 2020
1. a. Draft forward, mean, m	5.545	12.780
b. Stem correction, m	- 0.046	- 0.030
c. Draft forward corrected to F.P, m	5.499	12.750
2. a. Draft after, mean, m	7.545	13.380
b. Stern correction, m	0.086	0.010
c. Draft after corrected to A.P, m	7.631	13.390
3. Draft, fore & after mean, m	6.5650	13.070
4. a. Draft midships mean, m	6.455	13.180
b. Midships correction, m	- 0.023	- 0.023
c. Draft midships correction to MID, m	6.432	13.157
5. Mean of means draft, m	6.49850	13.11350
6. Mean of means draft corrected for Hog / Sag, m	6.465250	13.135250
7. Displacement, MT	43,601	94,534
8. a. Trim, m	2.132	0.640
b. Correction for trim, MT	- 584	17
c. Displacement for trim corrected, MT	43,017	94,551
9. a. Density observed, Kg / L	1.0200	1.0200
b. Correction for density observed, MT	- 210	- 461
10. Displacement for density correction, MT	42,807	94,090
11. Total consumable stores and ballast, MT	26,751	1,034
12. Displacement corrected for consumable stores and ballast, MT	16,056	93,056
13. a. Corrected displacement, light,	16,056 MT	
b. Corrected displacement, Loaded,	93,056 MT	
14. Total calculated cargo loaded,	77,000 MT	



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