



INTERNATIONAL CARGO SUPERINTENDENTS
SAMPLERS, ANALYSIS AND TECHNICAL SPECIFICATIONS

AgriMin Control International



Job No. : ACISG/2020/097

Date : 30th January 2020

SHIPPED WEIGHT AND QUALITY FINAL AT LOAD PORT AS PER CERTIFICATE AND SURVEY REPORT

SHIPMENT FROM DUMAI, INDONESIA TO KAKINADA, INDIA

REPRESENTING : ECO COMMODITY PTE LTD
VESSEL : MT PHUONG DONG STAR VOY. 2001
DESCRIPTION OF GOODS : 4998.036 MT CRUDE PALM OIL OF EDIBLE GRADE IN BULK
SHIP'S TANK NOS. : 1P, 1S, 3P, 3S, 5P, 5S
SHIPMENT DATE : 29th JANUARY 2020

We report as follows: -

SHIPPED WEIGHT

The cargo was delivered under our supervision before and after loading.

The actual quantity loaded being : **4998.036 MT**

SHIPPED QUALITY

Representative sample drawn from ship's tanks as final quality at port of loading was submitted to Independent Laboratories for analysis. The results obtained are as follow:

QUALITY CONDITIONS ARE ACCEPTED AS UNDER :

FREE FATTY ACID (AS PALMITIC) 4.5 PCT MAX
MOISTURE AND IMPURITIES 0.5 PCT MAX
BETA CAROTENE 350 MG/KG TO 2500 MG/KG MAXIMUM

TESTED RESULTS

3.34 PCT
0.23 PCT
526.4 MG/KG

We hereby certify that we are one of the International Independent Surveyor and loading has been started after approval.

We hereby certify that commingling of shipment of the cargo of same description and contractual specification.

We hereby certify that the shipped weight and quality final at load port.

This certificate reflects our findings at the time and place indicated above only and does not refer to any other matter. The inspection had been carried out to the best of our knowledge and our responsibility is limited to the exercise of reasonable care.

AGRIMIN CONTROL INTERNATIONAL PTE LTD
INDEPENDENT SURVEYOR



AGRIMIN CONTROL INTERNATIONAL PTE LTD

18 ROBINSON ROAD #15-01, SINGAPORE 048547; PHONE: +65- 6955 7712; INFO@AGRIMINCONTROL.COM
(Registration No. 201928399Z)



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SURVEY REPORT AT LOADPORT

SHIPMENT FROM DUMAI, INDONESIA TO KAKINADA, INDIA

REPRESENTING : ECO COMMODITY PTE LTD
VESSEL : MT PHUONG DONG STAR VOY. 2001
DESCRIPTION OF GOODS : 4998.036 MT CRUDE PALM OIL OF EDIBLE GRADE IN BULK
SHIP'S TANK NOS. : 1P, 1S, 3P, 3S, 5P, 5S
SHIPMENT DATE : 29th JANUARY 2020

We report as follows: -

PARTICULARS AS TO TIME AND PLACE OF LOADING

<u>OCCURRENCES</u>	<u>DATE</u>	<u>HOURS</u>
Vessel made all fast at Jetty B Dumai	27.01.2020	1925
Cargo tanks inspected and accepted	27.01.2020	2200
Cargo hose connected	28.01.2020	0020
Commenced loading	28.01.2020	0235
Completed loading	29.01.2020	1130
Cargo hose disconnected	29.01.2020	1300
Vessel sailed	29.01.2020	2130

TANKS INSPECTION

The exposed internal surface was visually inspected at time of palce inspection without the use of staging and found to be visibly clean and dry.

The heating coils were tested under normal working pressure found tight at time and place of inspection. The last three (3) cargoes were clean and unleaded.

It was stated and declared by the vessel's Chief Officer that the last three (3) cargoes carried in the above mentioned ship's tanks are as follows: -

Tank No.	Last Cargo	Second Last Cargo	Third Last Cargo
1P	CRUDE PALM OLEIN	UNLEADED DIESEL OIL	UNLEADED DIESEL OIL
1S	CRUDE PALM OLEIN	UNLEADED DIESEL OIL	UNLEADED DIESEL OIL
3P	CRUDE PALM OLEIN	UNLEADED DIESEL OIL	UNLEADED DIESEL OIL
3S	CRUDE PALM OLEIN	UNLEADED DIESEL OIL	UNLEADED DIESEL OIL
5P	CRUDE PALM OLEIN	UNLEADED DIESEL OIL	UNLEADED DIESEL OIL
5S	CRUDE PALM OLEIN	UNLEADED DIESEL OIL	UNLEADED DIESEL OIL





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The Master has given us a declaration stating that the above three previous cargoes were clean and unleaded and the immediate previous cargo in the tanks receiving the goods of the contract description was not a substance appearing on the FOSFA International List of **Banned** Previous Cargoes in force at the date of the Bill of Lading.

Note: All information in the Combined Master Certificate obtained from the vessel's representatives is the sole responsibility of the vessel.

ESTABLISHMENT OF SHIPPED WEIGHT

Weight established as per gauging of calibrated shore tanks manually.

Density Chart: shore installation density table used.

Shore line/flexible hoses: Before pumping: Empty After pumping: Empty

Shore Tank No.		Dip (Meters)	Temp °C	Density Kg/l	Volume M³	Quantity MT	Loaded MT
Before	A8	17.191	53	0.8887	2140.178	1901.976	
After	A8	E M P T Y					1901.976
Before	B19	21.605	50	0.8906	3476.376	3096.060	
After	B19	E M P T Y					3096.060
TOTAL:							4998.036

The total quantity of cargo delivered being: 4998.036 MT

Note: Computation of weight was based on Manual Tank Gauging with reference to official shore installation density table used and verified by surveyor.

Measurement on board MT PHUONG DONG STAR VOY. 2001 after loading (for indicational purpose only):

Ship Tank No.	Ullage (m)	Temp °C	Density Kg/l	Volume M ³	Quantity MT
1P	1.107	44.6	0.8940	960.286	858.496
1S	1.102	44.5	0.8941	957.206	855.838
3P	1.432	44.6	0.8940	926.282	828.096
3S	1.467	44.6	0.8940	923.547	825.651
5P	1.947	46.0	0.8931	908.463	811.348
5S	2.032	45.4	0.8935	892.408	797.367
LINE CONTENT		45.59	0.8930	10.781	9.627
Total:					4986.423

	Fore	Aft	List
Draft of vessel			
Before loading	3.00 M	4.60 M	Nil
After loading	6.60 M	6.60 M	Nil





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SAMPLING AND SAMPLES DISTRIBUTION

Following samples were drawn as per ISO 5555:

7 ex each of the abovementioned barge tanks prior to loading.

9 ex each of the abovementioned ship tanks upon completion of loading.

All samples were sealed by us and distributed as follows:

2 (two) ex each ship tank to consignee c/o vessel's Chief Officer.

2 (two) ex each barge tank and each ship tank to supplier's installation.

1 (one) ship's tanks composite to Independent laboratory for quality analysis.

The remaining samples will be retained by us for a period of 3 (three) months only.

QUALITY

Representative sample drawn from ship's tanks as final quality at port of loading was submitted to Independent Laboratories for analysis. The results obtained are as follow:

QUALITY CONDITIONS ARE ACCEPTED AS UNDER :

FREE FATTY ACID (AS PALMITIC) 4.5 PCT MAX

MOISTURE AND IMPURITIES 0.5 PCT MAX

BETA CAROTENE 350 MG/KG TO 2500 MG/KG MAXIMUM

TESTED RESULTS

3.34 PCT

0.23 PCT

526.4 MG/KG

We hereby certify that we are one of the International Independent Surveyor and loading has been started after approval.

We hereby certify that commingling of shipment of the cargo of same description and contractual specification.

We hereby certify that the shipped weight and quality final at load port.

Copy of FOSFA Heating Instruction has been handed over to the Chief Officer of vessel.

This certificate reflects our findings at the time and place indicated above only and does not refer to any other matter. The inspection had been carried out to the best of our knowledge and our responsibility is limited to the exercise of reasonable care.

AGRIMIN CONTROL INTERNATIONAL PTE LTD
INDEPENDENT SURVEYOR





INTERNATIONAL CARGO SUPERINTENDENTS
SAMPLERS, ANALYSIS AND TECHNICAL SPECIFICATIONS

AgriMin Control International



Job No. : ACISG/2020/097

Date : 30th January 2020

CERTIFICATE OF WEIGHT AND QUALITY

SHIPMENT FROM DUMAI, INDONESIA TO KAKINADA, INDIA

REPRESENTING : ECO COMMODITY PTE LTD
VESSEL : MT PHUONG DONG STAR VOY. 2001
DESCRIPTION OF GOODS : 4998.036 MT CRUDE PALM OIL OF EDIBLE GRADE IN BULK
SHIP'S TANK NOS. : 1P, 1S, 3P, 3S, 5P, 5S
SHIPMENT DATE : 29th JANUARY 2020

We report as follows: -

WEIGHT

Weight established as per gauging of calibrated shore tanks manually.

Density Chart: shore installation density table used.

Shore line/flexible hoses: Before pumping: Empty After pumping: Empty

Shore Tank No.		Dip (Meters)	Temp °C	Density Kg/l	Volume M³	Quantity MT	Loaded MT
Before	A8	17.191	53	0.8887	2140.178	1901.976	
After	A8	E M P T Y					1901.976
Before	B19	21.605	50	0.8906	3476.376	3096.060	
After	B19	E M P T Y					3096.060
TOTAL:							4998.036

The total quantity of cargo delivered being: **4998.036 MT**

Note: Computation of weight was based on Manual Tank Gauging with reference to official shore installation density table used and verified by surveyor.

QUALITY

Representative sample drawn from ship's tanks as final quality at port of loading was submitted to Independent Laboratories for analysis. The results obtained are as follow:

QUALITY CONDITIONS ARE ACCEPTED AS UNDER :

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BETA CAROTENE 350 MG/KG TO 2500 MG/KG MAXIMUM

TESTED RESULTS

3.34 PCT
0.23 PCT
526.4 MG/KG

We hereby certify that we are one of the International Independent Surveyor and loading has been started after approval.

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We hereby certify that commingling of shipment of the cargo of same description and contractual specification.

We hereby certify that the shipped weight and quality final at load port.

This certificate reflects our findings at the time and place indicated above only and does not refer to any other matter. The inspection had been carried out to the best of our knowledge and our responsibility is limited to the exercise of reasonable care.

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Job No. : ACISG/2020/097

Date : 30th January 2020

CERTIFICATE OF CLEANLINESS AND TIGHTNESS OF SHIP'S TANKS, PUMPS AND PIPES

SHIPMENT FROM DUMAI, INDONESIA TO KAKINADA, INDIA

REPRESENTING : ECO COMMODITY PTE LTD
VESSEL : MT PHUONG DONG STAR VOY. 2001
DESCRIPTION OF GOODS : 4998.036 MT CRUDE PALM OIL OF EDIBLE GRADE IN BULK
SHIP'S TANK NOS. : 1P, 1S, 3P, 3S, 5P, 5S
SHIPMENT DATE : 29th JANUARY 2020

We report as follows: -

Prior to loading, all the above mentioned ship's tanks, related cargo pumps and lines where accessible were visually inspected and found same to be clean and dry.

The heating coils were tested to working pressure and found in fit condition.

The three last cargoes in the all ship tanks as certified by Chief Officer are quoted below for information only and without responsibility on sellers.

Tank No.	Last Cargo	Second Last Cargo	Third Last Cargo
1P	CRUDE PALM OLEIN	UNLEADED DIESEL OIL	UNLEADED DIESEL OIL
1S	CRUDE PALM OLEIN	UNLEADED DIESEL OIL	UNLEADED DIESEL OIL
3P	CRUDE PALM OLEIN	UNLEADED DIESEL OIL	UNLEADED DIESEL OIL
3S	CRUDE PALM OLEIN	UNLEADED DIESEL OIL	UNLEADED DIESEL OIL
5P	CRUDE PALM OLEIN	UNLEADED DIESEL OIL	UNLEADED DIESEL OIL
5S	CRUDE PALM OLEIN	UNLEADED DIESEL OIL	UNLEADED DIESEL OIL

The Master has given us a declaration stating that the above three previous cargoes were clean and unleaded and the immediate previous cargo in the tanks receiving the goods of the contract description was not a substance appearing on the FOSFA International List of **Banned** Previous Cargoes in force at the date of the Bill of Lading.

Based on our visual inspection and Combined Master Certificate procured from vessel, we certify that ship tanks, pumps and pipes are suitable to receive and carry the oil.

Note: All information in the Combined Master Certificate obtained from the vessel's representatives is the sole responsibility of the vessel.

This certificate reflects our findings at the time and place indicated above only and does not refer to any other matter. The inspection had been carried out to the best of our knowledge and our responsibility is limited to the exercise of reasonable care.

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BETA CAROTENE CERTIFICATE

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TESTED RESULTS

526.4 MG/KG

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