



INTERNATIONAL CARGO SUPERINTENDENTS
SAMPLERS, ANALYSIS AND TECHNICAL SPECIFICATIONS

AgriMin Control International



Job No. : ACISG/2020/097 (A)

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 : 699.977 MT CRUDE PALM OIL OF EDIBLE GRADE IN BULK
SHIP'S TANK NOS. : 2P, 2S
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 : **699.977 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

4.44 PCT
0.19 PCT
431.9 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)



INTERNATIONAL CARGO SUPERINTENDENTS
SAMPLERS, ANALYSIS AND TECHNICAL SPECIFICATIONS

AgriMin Control International



Job No. : ACISG/2020/097 (A)

Date : 30th January 2020

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 : 699.977 MT CRUDE PALM OIL OF EDIBLE GRADE IN BULK
SHIP'S TANK NOS. : 2P, 2S
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 | 1525 |
| Commenced loading | 29.01.2020 | 1230 |
| Completed loading | 29.01.2020 | 1700 |
| Cargo hose disconnected | 29.01.2020 | 1940 |
| 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 |
|----------|------------------|---------------------|------------------|
| 2P | CRUDE PALM OLEIN | UNLEADED DIESEL OIL | MOGAS |
| 2S | CRUDE PALM OLEIN | UNLEADED DIESEL OIL | MOGAS |

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.

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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 M ³ | Quantity MT | Loaded MT |
|----------------|-----------------|------------|-----------------|--------------------------|----------------|----------------|
| Before 223 | 15.409 | 53 | 0.8881 | 1382.020 | 1227.372 | |
| After 223 | 6.541 | 52 | 0.8887 | 593.445 | 527.395 | 699.977 |
| TOTAL: | | | | | | 699.977 |

The total quantity of cargo delivered being: **699.977 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 |
|---------------|---------------|------------|-----------------|--------------------------|----------------|
| 2P | 6.472 | 47.5 | 0.8916 | 401.314 | 357.812 |
| 2S | 6.695 | 47.5 | 0.8916 | 376.004 | 335.245 |
| LINE CONTENT | | 45.59 | 0.8930 | 6.422 | 5.735 |
| Total: | | | | | 698.792 |

| Draft of vessel | <u>Fore</u> | <u>Aft</u> | <u>List</u> |
|-----------------|-------------|------------|-------------|
| Before loading | 3.00 M | 4.60 M | Nil |
| After loading | 6.60 M | 6.60 M | Nil |

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.





INTERNATIONAL CARGO SUPERINTENDENTS
SAMPLERS, ANALYSIS AND TECHNICAL SPECIFICATIONS

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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

| | |
|-------|-------|
| 4.44 | PCT |
| 0.19 | PCT |
| 431.9 | 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 spesification.

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
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AgriMin Control International



Job No. : ACISG/2020/097 (A)

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 : 699.977 MT CRUDE PALM OIL OF EDIBLE GRADE IN BULK
SHIP'S TANK NOS. : 2P, 2S
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 M ³ | Quantity MT | Loaded MT |
|----------------|-----------------|------------|-----------------|--------------------------|----------------|--------------|
| Before 223 | 15.409 | 53 | 0.8881 | 1382.020 | 1227.372 | |
| After 223 | 6.541 | 52 | 0.8887 | 593.445 | 527.395 | 699.977 |
| TOTAL: | | | | | | 699.977 |

The total quantity of cargo delivered being: **699.977 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 :

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

4.44 PCT
0.19 PCT
431.9 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.

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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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INDEPENDENT SURVEYOR





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Job No. : ACISG/2020/097 (A)

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 : 699.977 MT CRUDE PALM OIL OF EDIBLE GRADE IN BULK
SHIP'S TANK NOS. : 2P, 2S
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 |
|----------|------------------|---------------------|------------------|
| 2P | CRUDE PALM OLEIN | UNLEADED DIESEL OIL | MOGAS |
| 2S | CRUDE PALM OLEIN | UNLEADED DIESEL OIL | MOGAS |

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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Job No. : ACISG/2020/097 (A)

Date : 30th January 2020

BETA CAROTENE CERTIFICATE

SHIPMENT FROM DUMAI, INDONESIA TO KAKINADA, INDIA

| | |
|----------------------|---|
| REPRESENTING | : ECO COMMODITY PTE LTD |
| VESSEL | : MT PHUONG DONG STAR VOY. 2001 |
| DESCRIPTION OF GOODS | : 699.977 MT CRUDE PALM OIL OF EDIBLE GRADE IN BULK |
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BETA CAROTENE 350 MG/KG TO 2500 MG/KG MAXIMUM

TESTED RESULTS

431.9 MG/KG

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