
**Updated >> Oct 1st, 2024**

## FOB PROCEDURE – #1 TTT
## FUJAIRAH / JURONG / ROTTERDAM / HOUSTON – Port

1. Buyer issue ICPO + TSA, Banking details, scanned copy of Buyer's Passport along with CP and Company Registration Certificate.

2. Seller issues commercial invoice to be signed by Buyer and Seller.

3. Seller issue to Buyer the Dip Test Authorization document (DTA) which is to be signed by the Buyer, Seller and Buyer's Logistic Company.

4. Seller issues PPOP listed below to the Buyer:

   A. TSR with GPS coordinates of the Tank Location
   B. Injection report
   C. Certificate of Origin
   D. Authorization to sell
   E. SGS report
   F. Product Passport (Lab Analysis Report)

5. Seller issues NCNDA/IMFPA to the parties involved in the transaction.

6. Buyer Conducts Dip Test and sends TSR to Seller.

7. Upon successful Dip Test in Sellers Tanks, product will immediately be injected into Buyer's Tanks. Buyer makes payment for the product via MT103/TT Wire Transfer.

8. Upon receipt Buyer's payment, Seller pays commission to the parties involved as per the signed NCNDA/IMFPA within 48 hours.

9. Seller issues Contract for Buyer's desired duration upon successful completion of the trial order.

## TRANSACTION PROCEDURE #2:

## (TANK TO TANK - TANK TO VESSEL)

1. Buyer issues an irrevocable purchase order along with Know Your Customer (KYC) and Customer Information Sheet (CIS) to the seller.

2. Seller issues a commercial invoice for the immediately liftable commodity to the buyer.

3. Buyer countersigns the commercial invoice and sends it back to the seller as final.

4. Both buyer and seller sign the escrow agreement via email or at the escrow attorney office in the USA (optional). **Upon signing the escrow agreement, both parties make a non-performance security deposit equivalent to 5% of the nominal face value of the commercial invoice to the IOLTA account of the escrow attorney. The non-performing party forfeits the escrow deposit to the offended party if it fails to perform its obligation as per the signed commercial invoice.**

5. Upon confirmation of the security deposit by the escrow attorney, the seller provides the following Proof of Product (POP) documents to the buyer:

a. Injection report

b. Tank receipt

c. Unconditional Dip Test Authorization (UDTA)

d. SGS Quality and Quantity report (not more than 48 hours old)

e. Title Transfer Affidavit document

f. Tank storage agreement

g. Certificate of origin.

6. The buyer schedules for the dip test at the seller's tank storage and conducts the quality and quantity inspection. **Upon the satisfactory dip-test report, the buyer pays the seller for the total cost of the product, deducting the 5% security deposit made to the escrow attorney's account.**

7. The seller transfers title to the buyer and injects the product into the buyer's reservoir or vessel. Necessary documents like the Irrevocable Paymaster Agreement (IPA) or Tank to tank injection agreement (TTIA) are signed by the seller and buyer before pumping.

8. The seller pays commissions to all intermediaries within 48 hours after receiving payment from the buyer.

9. The seller and buyer sign a contract for a 12-month shipment if necessary and satisfactory. It is essential to ensure that all steps and documents in the transaction adhere to legal and regulatory requirements specific to the jurisdictions involved. Consulting legal professionals experienced in international trade or energy transactions can help ensure compliance with all relevant laws and regulations.

## SELLER TANK EXTENSION [TTV] PROCEDURES # 3 FOR ROTTERDAM / HOUSTON / FUJAIRAH / JURONG

1. Buyer issues ICPO with Banking details, Company Registration Certificate alongside copy of Passport page.

2. Seller issues Commercial Invoice, Buyer countersigns and returns back to seller.

3. Seller provides for Buyer the Tank Farm full details contact to Buyer via the TSR, and issues the below PPOP and past SGS copy documents to Buyer's secured email for verification:

A. Tank storage Receipt (TSR)

B. Authorization to sell (ATS)

C. Authorization to Verify (ATV)

4. Buyer contact Seller Tank Farm via the provided TSR to request five (5) days payment Invoice for Tank Extension to enable physical verification and Dip Test. Upon agreement, Buyer pay for Tank Extension, to enable the Tank Farm release the current TSR and Inspection Permit to conduct Dip Test.

5. Seller issues NCNDA/IMFPA to the parties involved in the transaction.

6. Upon Tank Extension (payment wire confirmation), Seller issue UDTA to Buyer. Seller sends written permission for Site Inspection of the Tank Storage and the Tank Storage Company.

7. Buyer conducts SGS inspection and pay for product by MT103/TT Wire Transfer within 3 Banking days against Title Transfer of the product.

8. Upon receipt Buyer's payment, Seller pays commission to the parties involved as per the signed NCNDA/IMFPA within 48 hours.

9. Seller issues Contract for Buyer's desired duration upon successful completion of the trial order.

## APPROVED CIF WORKING PROCEDURES # 4 - TRANSACTION PROCEDURE CIF (ESCROW ACCOUNT)

1. Buyer issues ICPO must be on Buyer's Company Letterhead along with Company Registration Certificate, Buyer's Banking Information and Copy of the Signatory Passport along with Know Your Customer (KYC) and Customer Information Sheet (CIS) to the Seller.

2. Seller issues Draft Contract (open for amendments) to the Buyer. Within 3 working days, Buyer signs, seals, and returns the Draft Contract to Seller for final endorsement.

3. Both buyer and seller sign the escrow agreement. Upon signing the escrow agreement, buyers make a non-performance security deposit

equivalent to 5% of the nominal face value of the commercial invoice to the IOLTA account of the escrow attorney. The non-performing party forfeits the escrow deposit to the offended fails to perform its obligation as per the signed contract.

4. Upon confirmation of the Security Deposit by the Escrow Attorney, the Seller provides the following Proof of Product (POP) Documents to the Buyer:

a. Copy of License to Export, issued by the Department of the Ministry of Energy

b. Copy of Approval to Export, issued by the Ministry of Justice

c. Copy of Statement of Availability of the Product

d. Copy of the Refinery Commitment to Produce the Product

e. Copy of Transnet Contract to Transport the Product to the Loading Port

f. Copy of the Port Storage Agreement

g. Copy of the Charter Party Agreement to Transport the Product to Discharge Port

h. SGS Report at Loading Port

i. Dip Test Authorization (DTA) & ATB

j. NOR & ETA

k. Certificate of Ownership Transfer

l. Allocation Transaction Passport Code Certificate (ATPCC) by Ministry of Energy

5. Seller sign NCNDA/IMFPA with the parties involved in the transaction.

6. Seller loads product within Seven (7) international working days and sends to Buyer the following Full Shipping Documents. A copy via email to Buyer and Buyer Customs Clearance Agent at Discharging Destination Port to expedite Vessel Anchorage as below:

a. Ship Certificates

b. Cargo Declaration

c. Fresh Q&Q Report

d. Charter Party Agreement

e. Ownership Certificate

f. Title Transfer Affidavit

g. Product Allocation Certificate

h. Ullage Report

i. Notice of Readiness

j. Customs Declaration Certificate

k. Bill of Lading

l. Vessel Q88

7. Upon successful Q&Q including Dip Test at Discharging Destination Port, BUYER pays for Product by Wire Transfer TT / Swift MT- 103 into the Seller's Account.

8. Seller pays commissions to the parties involved as per the signed NCNDA/IMFPA. Seller and Buyer proceed with the Contract upon completion of the First Trial Order.

9. Contract shipment commences and upon arrival of the vessel tanker at the discharge port, Buyer conducts SGS Inspection and makes payment for the full shipment via Wire Transfer TT / Swift MT103.

| FUEL / OIL TYPE | FOB per MT USD $GROSS | FOB x BBL USD $GROSS | CIF per MT USD $GROSS | CIF per BBL USD $GROSS |
|---|---|---|---|---|
| **DIESEL FUEL EN590 10PPM**<br>MOQ: 50,000 MT per Month<br>MAXIMUM: 300,000 MT per Month | **$540.00** | N/A | **$560.00** | **N/A** |
| **JET FUEL A1 91/91**<br>MOQ: 1 Million BBL x Months<br>MAX: 10 Million BBL x Months | N/A | **$80.00** | N/A | **$82.00** |
| **GASOLINE 95 OCTANE**<br>MOQ: 50,000 MT x Months<br>MAX: 500,000 MT x Months | **$430.00** | N/A | **$450.00** | N/A |
| **D2 GASOIL**<br>MOQ: 50,000 MT x Months<br>MAX: 1,000,000 MT x Months | **$520.00** | N/A | **$540.00** | N/A |
| **D6 VIRGIN LOW POUR FUEL OI**<br>MOQ: 25 Million Gallons x Months<br>MAX: 50 Million Gallons x Months | **$0.64** | N/A | **$0.68** | N/A |

**NOTE:** The D6 VIRGIN LOW POUR FUEL OIL CHANGED PRICE. **NEW PRICE Sep 29, 2024, GROSS FOB $0.70 CIF $0.74** Please ask us the new price.

# SPECIFICATION OF EN590 10PPM

| Specifications | Unit | Threshold values acc to DIN EN 590 | Requirements not specified / stricter than DIN EN 590 | Test method |
|---|---|---|---|---|
| Appearance | ----- | ----- | Clear at 20 °C (01.03.-31.10.)<br>Clear at 10 °C (01.11.-29.02.)<br>(fee from any visible water and solid foreign particles) | Visual |
| Colour | ----- | ----- | Max. 2 | DIN ISO 2049 |
| Density at 15° | $kg/m^3$ | Min. 820 max. 845 | ----- | EN ISO 3675:1998<br>EN ISO 12185:1996 |
| Cetane (acc. to CFR)<br>Number (acc. to BASF) | ----- | min. 51<br>min. 52.2 | ----- | EN ISO 5165:1998<br>DIN 51773 |
| Cetane index | ----- | min. 46 | ----- | EN ISO 4264 |
| Viscosity at 40 °C | $mm_2/S$ | 2 – 4.5 | ----- | EN ISO 3104 |
| Flashpoint | °C | min. 55 | min. 59 | EN 22719 |
| Neutralisation number | mg KOH/g | ----- | max. 0.2 | DIN 51558 Part 1 |
| Corrosive effect on copper (3h at 50 °C degree | Corrosion | max. 1 | ----- | EN ISO 2160 |
| Total contamination, indicated as mass concentration | mg/kg. | max. 24 | ----- | EN 12662 |
| Oxidation stability, indicated as mass concentration | $g/m^3$ | max. | ----- | EN ISO 12205 |
| Sulphur Content | mg/kg | max. 10 | ----- | EN ISO 20884<br>EN ISO 20846<br>ASTM D 5453<br>DIN 51400–T11 |
| Carbon residue distillation residue | % (m/m) | Max. 0,3 | ----- | EN ISO 10370 |
| Ash Content | % (m/m) | Max. 0,01 | ----- | EN ISO 6245 |
| Distillation at 250 °C<br>350 °C<br>at 95% | Vol. %<br>Vol. %<br>Vol. % | <65<br>Min. 85 ---<br>Max. 360 °C | -----<br>-----<br>----- | prEN ISO 3405:1998 |
| Lubricity Micrometer | Micrometer | Max. 460 | ----- | ISO12156–1 |
| Conductivity at 20 °C | Ps/M | ----- | Min.50 ps/M | DIN 51412–2<br>ASTM D 2624 |
| Polycyclic aromatic hydrocarbons (PAH) | % (m/m) | max. 11% | ----- | EN 12916<br>IP 391/95 |
| Water content | mg/kg | max. 200 | ----- | prEN ISO 12937:1996 |
| Fatty acid methyl ester Content (FAME)*** | %V/V | max. 5 | ----- | EN 14078 |
| Cold flow properties*<br>01.03.-14.04.<br>15.04.-14.09<br>15.09.-14.10.<br>15.10.-31.10.<br>01.11.-28.02.** | °C | CFPP<br>–10 (01.03.14.04.)<br>.0 (15.04.–30.09.)<br>–10 (01.10.–15.11.)<br>–20 (16.11.–28.02.) | CP/CFPP<br>3/-13<br>+5/-2<br>-3/-13<br>-3/-13<br>-7/-22 | ISO 3015<br>EN 116 / IP 309 |

# GUARANTEED INTERNATIONAL EXPORT STANDARD SPECIFICATION OF JET A1 FUEL IN ACCORDANCE WITH BUYER REQUEST

| 1. COMPONENT | 2. UNIT Min/Max | 3. Test Methods ASTM / IP / GOST |
|---|---|---|
| **COMPOSITION** | | |
| Appearance | C&B (1) | Visual |
| Colour, Saybolt | Report (2) | D156, D6045 |
| Acidity, Total (mg KOH/g) | Max. 0.10 | D3242, IP 354 |
| Aromatics (vol %) | Max. 25.0 | D1319, IP 156, GOST R 52063 |
| Sulphur, Total (wt %) | Max. 0.25, | D1266, D1552, D2622, D4294, D5453, IP107, IP 243, IP 336, IP 373, IP 447, GOST R 51947, GOST R 51859 |
| Sulphur, Mercaptan (wt %) | Max. 0.0030 (3) | D3227, IP 342, GOST R 52030 |
| OR Doctor Test | Negative (3) | D4952, IP 30 |
| **VOLATILITY** | | |
| Distillation Temperature: | | D86, IP 123 |
| 10% Recovery (°C) | Max. 205.0 | |
| 50% Recovery (°C) | Report | |
| 90% Recovery (°C) | Report | |
| Final BP (°C) | Max. 300.0 | |
| Distillation Residue (vol %) | Max. 1.5 | |
| Distillation Loss (vol %) | Max. 1.5 | |
| Flash Point (°C) | Min. 38.0 | D56 (4), D3828, IP170 |
| Density @ 15°C (kg/m3) | 775.0 - 840.0 | D1298, D4052, IP 160, IP 365, GOST R 51069 |
| **FLUIDITY** | | |
| Freezing Point (°C) | Max. -47.0 (5) | D2386, D5972, D 7153, IP 16, IP 435, IP 529 |
| Viscosity @ -20°C (cSt) | Max. 8 | D445, IP 71 |

| | | |
|---|---|---|
| **COMBUSTION** | | |
| Net Heat of Combustion (MJ/kg) | Min. 42.80 (6) | D3338, D4529, D4809, IP 12, IP 355 |
| Smoke Point (mm) | Min. 25 | D1322, IP 57 |
| OR Smoke Point (mm) | Min. 19 | D1322, IP57 |
| AND Naphthalenes (vol %) | Max. 3 | D1840 |
| **CORROSION** | | |
| Copper Strip (2h @ 100°C) | Max. No.1 | D130, IP 154 |
| **THERMAL STABILITY** | | |
| JFTOT6P @ 260ºC (mm Hg) Tube Rating | Max. 25 | D3241, IP 123 |
| (Visual) | Max. <3 (7) | |
| **CONTAMINANTS** | | |
| Existent Gum | Max. 7 (8) | D381, IP 131 |
| Water Reaction Interface Rating | Max. 1b | D1094 |
| MSEP Rating Fuel without SDA | Min. 85 | |
| Fuel with SDA | Min. 70 | |
| Particulates (mg/dm3) | Max. 1.0 (2) | D5452, IP423 |
| **OTHER** | | |
| Conductivity (pS/m) | 50-600 | D2624, IP 274, GOST 25950 |
| Without SDA | Max. 10 | |
| BOCLE Wear Scar Diameter (mm) | Max. 0.85 (9) | D5001 |
| **ADDITIVES** | | |
| Antioxidant | Optional (24 mg/L max) | |
| Static Dissipator | Optional (10) | |
| Lubricity Improver | Optional (11) | |

## VIRGIN FUEL OIL D6 SPECIFICATION

| METHOD UNITS | TEST | RESULTS | UNIT |
|---|---|---|---|
| ASTM D5002 | Density and Relative Density of Crude Oil and Average API Gravity | 29.7 (29.7) Min | API |
| ASTM D1298-99 | Density @ 15 Deg C | 0.87(0.8775) Max | Kg/t |
| ASTM D97 | Pour Point of Petroleum<br>Pour Point<br>Pour Point | <-33 (-36) BELOW ZERO<br><-27.4 (-32.8) BELOW ZERO | <br><br>®C |
| ASTM D93-IP34 | Pensky-Martens Closed cup Flash Point<br>Corrected Flash Point | 117(137) Min | ®F |
| ASTM D4294 | Sulfur content in petroleum<br>Product by EDXRSulfur content | 0.38(0.358) Max | W1% |
| ASTM D445 | Kinematic/Dynamic viscosity<br>Kinematic viscosity @ 122®F/50®C | 17.83(18.12) Max | Mm2% |
| ASTM D6304 | Water content by coulometric<br>Karl Fisher Titration Water content | 0.20(0.7) Max | W1% |
| ASTM D482 | Ash from petroleum product<br>Average Ash | 0.279(1.007) Max | W1% |
| ASTM D2161 | Conversion of kinematic viscosity To<br>SUS/SFS I Saybolt furol Viscosity | 10.9 SFS | Max |
| ASTM D5184 | Aluminum and Silicon in Fuel Oils By KP-AES or AAS<br>Aluminum content<br>Silicon content | 102 (max)<br>93 (max) | Mg/kg<br>Mg/kg |
| ASTM D95 | Water by Distillation Vol% | 0.70(Max) | Vol% |
| ASTM D4530.06 | Carbon Residue | 1.11(max) | W1% |
| Method Test Result Unit | | | |
| IP 143 Asphalteness Heptane Insoluble | | | |
| | Asphaltene content | 0.08 | W1% |
| IP 501 Determination of AL, Si, V, Ni, Fe, Na, Ca, Zn, P in Fuel Oil | | | |
| | Aluminum<br>Silicon<br>Sodium | 372<br>187<br>117 | Mg/kg<br>Mg/kg<br>Mg/kg |

| | | | |
|---|---|---|---|
| | Vanadium | 1 | Mg/kg |
| | Calcium | 779 | Mg/kg |
| | Zinc | 298 | Mg/kg |
| | Phosphorus | 4176 | Mg/kg |
| | Iron | 545 | Mg/kg |