DELIVERY TANK RELEASE

Number : 023/T-102/PND624000/2025-S3

PERTAMINA

Issue date : December 2012 rev. : 0

LOCATION	: Soekarno Hatta Fuel Terminal & Hydrant Installation			
TANK NO.	: T.102			
GRADE	: AVTUR / JET.A-1			
BATCH NO.	: SKH/T.102/142	Date	: 28 June 2025	
Lab. Test Report No.	: 0532/PL2301/TR/2025-S2	Date	: 27 June 2025	
SOURCE	: T.108	Batch No.	: SKH/T.108/067	
Certificate of Quality No.	: SGILD-25-30266	Date	: 13 June 2025	

Check and complete the following before release of aviation fuel tanks (following acceptance test) :

		YES	NO
1	Satisfactory Refinery Certificate of Quality received from supply point.	V	
2	Tank Batch Release sign by Aviation Area Manager or Acting Aviation Area Manager.	V	
	Release Statement No. 127 /PND620000/2025-S3 29.06.2025		
	Jet A-1 Recertification Comparison Report No. 127 .TR/CORP.OPT.&SERV.III/2025 27.06.2025		
3	Complete Time Receiving Tank : 11:02 date : 25-Jun-2025	V	
	Settling Time for Receiving 11:02 date : 26-Jun-2025		
4	Settling time requirement has been met (minimum 2 hours)	V	
	Settling time start from : 23:40 date : 28 June 2025		
	to : 6:40 date : 04 July 2025	V	
5	Tank has remained isolated since receipt of product	V	
6	Tank sump samples, visually free from suspended dirt and water	V	
7	Tank drained, sample checked and result recorded as below.	V	
8	Electrical Conductivity measured on site and recorded as below	V	
9	Consentration of Dopping SDA stadis 450		
	Upstream (Max. 3 mg/liter) : 0.300 mg/liter		
	Downstream (Max. 2 mg/liter) : 0.448 mg/liter		
	Total (Max. 5 mg/liter) : 0.748 mg/liter		

SAMPLING RECORD

Dirty (Visual)	: Clear		Density Observed Receive	: 0.7800	Kg/ltrs
Free Water	: Negative		Temp.Observed for Receive	: 29.0	°C
Suspended Water	: Negative		Volume Received	: 11,143	KL
Colour	: Colourless		Density @15°C for Receive	: 0.7901	Kg/ltrs
Density Observed	: 0.7800	Kg/ltrs	Total Volume in Tank (Batch)	: 12,367	KL
Temperature Observed	: 30.00	°C	Batch Density @ 15°C	: 0.7891	Kg/ltrs
Electrical Conductivity	: 102	pS/m	Expected Density	: 0.7914	Kg/ltrs
Tank Density @ 15°C	: 0.7908	Kg/ltrs	Variance :		
Density on Remain Volume	: 0.7930	Kg/ltrs	- Density Expected vs Tank	: 0.0006	
Temp. on Remain Volume	: 29.00	°C	- Density Tank vs Batch	: 0.0017	
Remain Vol. Before Receive	: 1,224	KL	- Allowable Density	: 0.0030	
Density @15°C on Remain Volume	: 0.8029	Kg/ltrs			
Density Observed in Pipe	: 0.7930	Kg/ltrs			
Temp. Observed in Pipe	: 30.0	°C			
Volume in Pipe	: 37.674	KL			
Density @15°C Pipe	: 0.8036	Kg/ltrs			

The above tank has been flushed and tank sump sample has been checked.

Certified that the product detailed here on conform to the relevant specification and have been handle according to Pertamina procedures.

Date of Tank Release on : Friday, July 4, 2025 **Time :** 6:40

Prepared by :	Quality Controller by :	Released by :
Sr. Supervisor Storage & Distribution B	Superintendant Receiving & Storage	SHAFTHI Manager
PERTAMINA Sr Supervisor Storage & Distribution MUCHAMMAD RIYADI	PERTAMINA Superintendent Receiving, Sto. & Dist. WIBISONO	PERTAMINA SHAFTHI Manager ADY HAFRIADY
M RIYADI	WIBISONO	ADY HAFRIADY
Name & Sign	Name & Sign	Name & Sign

AVIATION FUEL RELEASE STATEMENT

ptm

No : 127/PND620000/2025-S2

Date : Jun 29, 2025

Refer to Laboratory 0532/PL2301/TR/2025-S2 Date: Jun 27, 2025 as attach from Laboratorium PU Jakarta , this is to certify that the here in under sample test of AVTUR product from :

Location : **Aviation Fuel Terminal SHAFTHI**

Tank No : T-108

Batch No. & Date : SKH T-108/067 & JUN 27, 2025

Reason of Lab. Test : **Initial Batch Sample (IBS)**

Have met latest issue of Def Stan 91-091 / spesification and released to use, but before delivery to customers, Fuel Terminal and Airfield Depo must be ensure and check that product are :

1. **Clear, bright and free from solid matter and un-dissolved water at ambient temperature.**
2. **Electrical conductivity not less than 70 pS/m and not more than 600 pS/m.**
3. **If dope with Static Dissipator Additive (Stadis 450) not more than 2.0 mg/liter.**

The other of related document as follows :

- Nota Pengiriman Contoh (NPC) No: 180/NPC/SKH/2025, Date: Jun 27, 2025
- Refinery Certificate of Quality SGILD-25-30226, Jun 13, 2025
- Laboratory Test Report 0532/PL2301/TR/2025-S2 Date: Jun 27, 2025
- Test Report Quantity In Tank Before : 0503/PL2301/TR/2025-S2
- Current Recertification Repeat (Test Report) : 0533/PL2301/TR/2025-S2
- Current Recertification Repeat (NPC) : 181/NPC/SKH/2025
- Laboratory Test Report Repeat : 0532/PL2301/TR/2025-S2

This document must be treated and used as it proposed.

Region Manager Corp. Opt. & Serv. JBB

PERTAMINA
Region Manager Corp. Opt. & Serv. JBB
JULIAN HANAFIAH LUBIS

Julian Hanafiah Lubis

cument has been reviewed and approved by Related Officer, therefore no wet sign needed. (Printed from Pertamina's electronic system).

Aviation Fuel Recertification - Comparison

ptm1

AVTUR

No Komparasi	: 127.TR/CORP.OPT.&SERV.III/2025					
No Test Report	: 0532/PL2301/TR/2025-S2					
Date Komparasi	: Jun 27, 2025	Quantity In Tank Before	:	783,117		No Test Report : 0503/PL2301/TR/2025-S2
Tank No	: **T-108**	Pipe	:	3,200,000	Liters (Batch 1)	18810/00051020/25.
Batch No	: SKH T-108/067		:	**8,319,121.00**	Liters (Batch 2)	
Recert No	: 0532/PL2301/TR/2025-S2, Jun 27, 2025			0.00	Liters (Batch 3)	
				0.00	Liters (Batch 4)	
RCoQ No. & Date	: SGILD-25-30226, Jun 13, 2025	Quantity in Tank After	:	0	Liters	

No	Property	Test Method	Checklist Limits*	Previous Recertification (Tank Heel)	New Batch 1 (CoQ/CoA)	New Batch 2 (CoQ/CoA)	New Batch 3 (CoQ/CoA)	New Batch 4 (CoQ/CoA)	Weighted Average (Nilai Harapan)	Current Recertification (Test Report)	Different (Current Recert. to Weighted Average)	Accept. Different
1	**Appearance**	Visual	C&B	CLEAR & BRIGHT	0	Clear & Bright				clear & bright	-	Spec Limit
2	**Colour Saybolt**	D156	Reported	30	29	30	0	0	29.74	30	0.26	8
3	**Distilation**	D86										
3.1	IBP, ºC		Report	165	153.2	151.6	0	0		157	-	Spec Limit
3.2	10% Recovered, ºC		205 max	184	172.95	173.4	0	0	173.96	173	0.96	8
3.3	50% Recovered, ºC		Report	202	197.05	188.5	0	0	191.58	192	0.42	8
3.4	90% Recovered, ºC		Reported	228	230.65	205.8	0	0	213.68	218	4.32	8
3.5	End Point, ºC		300 max	246	248.7	218.4	0	0	228.04	232	3.96	8
3.6	Residue, % vol		1.5	1	1.05	1.3	0	0	1.22	1	-	Spec Limit
3.7	Loss, % Vol		1.5	0.6	0.9	1.4	0	0	1.22	0.5	-	Spec Limit
4	**Flash Point, ºC**	IP170	38 min	52	43	45	0	0	44.93	45	0.07	3
5	**Density at 15 ºC, kg/m³**	D1298	775 - 840	804.6	794.9	784.4	0	0	788.42	789.1	0.68	3
6	**Freezing Point, ºC**	D2386	-47 max	-54	-52	-48.5	0	0	-49.76	-50.9	1.14	3
7	**Corrosion, Cu Strip**	D130	1 max	1	0	Class 1;1a	0	0	0	1	-	Spec Limit
8	**Existent Gum (Steam jet), mm/100ml**	D381	7.0 max	2	1	1	0	0	1.06	2	-	Spec Limit
9	**Microseparometer (MSep) Rating ****	D3948	70 min	83	93	99	0	0	96.42	84	-	Spec Limit
10	**Thermal Stability, JFTOT**	D 3241-18										
10.1	Test Temperatur, ºC		260 min	0	260	260	0	0	243.45	0	-	Spec Limit
10.2	Tube Rating Visual		3 max	0	0	0	0	0	0	0	-	Spec Limit
10.3	Pressure Differential, mmHg		25 max	0	1	1	0	0	0.94	0	-	Spec Limit
11	**Electrical Conductivity, pS/m**	D2624	70 min - 600 max	0	142	142	0	0	132.96	0	-	Spec Limit
12	**FAME Content*****	IP583/585/590/599	50 max	0					0	0	-	Spec Limit
			"Not Measured – Risk Assessed in Accordance with JIG Bulletin 106"									

Batch Recertification Approved by : Officer Supply Chain Date : Jun 27, 2025

Name : **Yansen Prayitno**

Sign :

PERTAMINA
Officer Supply Chain
YANSEN PRAYITNO

Justification for release :

Note :

- Density on present recertification need to be compared with previous certification density (if available).
- Before delivery to Customers, Fuel Terminal & Airfield Depo must be ensure and check that product are :

1. Clear, bright and free from solid matter and undissolved water at ambient temperature.
2. Electrical conductivity not less than 70 pS/m and not more than 600 pS/m.
3. If dope with Static Dissipator Additive (Stadis 450) not more than 2.0 mg/liter; mg/liter

Where minimum/maximum limits are given, the Acceptable Difference values do not apply to results below minimum or above maximum.

Precision data is not available for fuel containing Static Dissipator Additive. A MSep rating below the minimum specification limit should be grounds for investigation, but is not to be used as the sole reason for rejection of a fuel batch – see JIG Bulletin 14.

* See JIG Bulletin for latest issue of AFQRJOS.

** Precision data is not available for fuel containing Static Dissipator Additive. A MSEP rating below the minimum specification limit should be grounds for investigation,
but is not to be used as the sole reason for rejection of a fuel batch – see JIG Bulletin 14.

*** According to JIG Bulletin 106 Risk Assessment, for guidance when FAME testing is required

KAN Komite Akreditasi Nasional LP-2054-IDN

PT . PERTAMINA LUBRICANTS
LABORATORIUM PU JAKARTA
Jl. Jampea No.1, Tanjung Priok, Jakarta
Phone : 021 - 43923493, Fax : 021 - 43931952, Email : Lab.UPPJ@pertamina.com

PERTAMINA LUBRICANTS

T E S T R E P O R T

0532/PL2301/TR/2025-S2 Date : June 27th 2025

Type of fuel	: Jet A-1	Refinery Cert. Of Quality No.	: SGILD-25-30226
Customer	: SHAFTHI Jakarta International Airport - Soekarno Hatta	Refinery Cert. Of Quality Date	: June 13th 2025
Tank No.	: T.108	Sample Drawn by	: C4
Batch No.	: SKH/T.108/067	Reason of Sample Drawn	: IBS
Quantity in Batch	: 12,302,238 liter	Drawn Date	: June 26th 2025
Vessel Name	: MT. Orkim Fortitude	Sample Delivery No.	: 180/NPC/SKH/2025
Refinery	: Malaysia	Received Date	: June 26th 2025
Testing Date	: June 26th 2025	Sample Condition	: Good

No.	Property	Units	Method	Results
1	Color Saybolt		ASTM D6045-20	> 30
2	Distillation		ASTM D86-23a^{e2}	
	IBP	°C		157.0
	10%	°C		173.0
	50%	°C		192.0
	90%	°C		218.0
	FBP	°C		239.0
	Residue	% vol		1.0
	Loss	% vol		0.5
3	Flash Point Abel	°C	BS EN ISO 13736:2021	45.0
4	Density at 15°C	kg/m^3	ASTM D4052-22	789.1
5	Freezing Point	°C	ASTM D2386-19	-56
6	MSEP-A with SDA	Rating	ASTM D3948-22	84
7	Copper Strip Corrosion (2hrs/100°C)	Class	ASTM D130-19	1a
8	Existent Gum (Unwashed)	mg/100ml	ASTM D381-22	2

Note :

1.This reports relates only to the sample tested and does not guarantee the bulk of the material
2.All specification limit and test method refer to DEF STAN 91-091 ISSUE-18
3.It is Prohibited to reproduce the report without permission of Lab. PUJ

Distribution :
- Region Manager Corp. Opt. & Serv. JBB (Original)
- SHAFTHI (Copy)
- File

Jakarta, June 27th 2025
Head of Laboratorium PU Jakarta

RONA TRISNANINGTYAS

AVIATION PRODUCT SAMPLE DELIVERY NOTE
(NOTA PENGIRIMAN CONTOH)

ptm

AVIATION FUEL TERMINAL SHAFTHI
180/NPC/SKH/2025

To PT PERTAMINA (PERSERO)
LABORATORIUM PU JAKARTA

Please to test the samples which has sent to your laboratory on Jun 26 2025 by safe hand according to our request (data as follows).

Type Of Product	:	AVTUR	Batch No.	:	SKH T-108/067
Date Of Sample Drawn	:	Jun 26 2025	Samples No.	:	SKH T-108/067/1-TPK

THE SAMPLES REPRESENT

Stock in bulk			Stock in vessel (import only)	
New Supply	=	8,319,121 L	Total Stock	=
Last Batch Left	=	783,117 L		
Pipe	=	3,200,000 L		
Total	=	12,302,238 L	Name of Vessel	: MT. ORKIM FORTITUDE
			Loading Port/Refinery	: Pengerang, Malaysia

Type of Samples	Quantity (cc)	Samples drawn reason
Single Tank Composite Sample	1,000	Initial Batch Sample (IBS)
Lower Sample	1,000	

Note :

- Samples drawn according to ASTM D-4057
- Products meets to DEFSTAN 91-91 latest issue
- Test report do not stamp "DIKENDALIKAN"
- Enclosed copy Test Report No: SGILD-25-30226 / Certificate of Quality No : _____, Date : Jun 13 2025
- Density : 779 Kg/M3, Temperature : 31 °C , Electrical conductivity : 73 PS/m
- Additive : mg/l

Aviation Fuel Terminal SHAFTHI , Jun 26 2025

Created By	Approved By
Supervisor Storage & Distribution,	Sr Supervisor Storage & Distribution,
PERTAMINA Supervisor Storage & Distribution MUHAMMAD INSAN KAMIL	PERTAMINA Sr Supervisor Storage & Distribution MAILANSYAH
Muhammad Insan Kamil	**Mailansyah**

Cc :

- Region Manager Corp. Operation & Serv. III

CERTIFICATE OF QUALITY

INSPECTORATE MALAYSIA SDN. BHD.
PENGERANG TERMINAL SDN. BHD. (PTSB)
LOT PTD 4837, LABORATORY BUILDING
MUKIM PENGERANG, KOTA TINGGI, JOHOR,
81600, MALAYSIA
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pengerang.lab@bureauveritas.com

Job Type	BLDDEPT	**Date Sampled :**	12 Jun 2025
Job No	**SGILD-25-30226**	**Date Received :**	12 Jun 2025
Sample No	**SGILD-25-30226-007**	**Date Tested :**	12 Jun 2025
Batch No	**JETA1/2025/00000377**	**Date Reported :**	13 Jun 2025
Job Asset	**ORKIM FORTITUDE**		
Product	**AVTUR / JET A-1**		
Terminal / Location	PENGERANG TERMINALS (TWO), JOHOR, MALAYSIA		
Sample Asset	SHORETANK 1205-01		
Sample Summary	T,U,M,L,B COMPOSITE BEFORE LOADING		

	SGILD-25-30226-007					Specification	
	Test	Method	Units	Result		Min/Max	
1. APPEARANCE		-	-	-		-	
1.1	Appearance	Visual		**Clear, bright and visually free from solid matter and undissolved water at ambient temperature**		Clear, bright and visually free from solid matter and undissolved water at ambient temperature	
1.2	Colour Saybolt	ASTM D156	-	**+30**		Report	
1.3.1	Particulate Contamination	ASTM D5452	mg/L	**0.05**		1.0 Max	
1.3.2	Particulate, at point of manufacture, cumulative channel particle counts[1]	IP 565	ISO Code	**Count**	**ISO Code**	Count	ISO Code
	>=4µm (c)	IP 565	Count/mL	**186.5**	**15**	Report	19 Max
	>=6µm (c)	IP 565	Count/mL	**65.0**	**13**	Report	17 Max
	>=14µm (c)	IP 565	Count/mL	**6.8**	**10**	Report	14 Max
	>=21µm (c)	IP 565	Count/mL	**2.0**	**8**	Report	Report
	>=25µm (c)	IP 565	Count/mL	**1.0**	**7**	Report	Report
	>=30µm (c)	IP 565	Count/mL	**0.7**	**7**	Report	13 Max
2. COMPOSITION		-	-	-		-	
2.1	Total Acidity	ASTM D3242	mg KOH / g	**0.005**		0.015 Max	
2.2.2	Total Aromatics	ASTM D6379	% v/v	**18.4**		26.5 Max	
2.3	Sulphur	ASTM D4294	% m/m	**0.0444**		0.30 Max	
2.4.1	Doctor Test	ASTM D4952	% m/m	**Negative**		Negative	
2.5	Refining Components	-	-	-		-	
2.5.1	Non-Hydroprocessed Components (++)	Declaration	vol %	**0.00**		Report	
2.5.2	Severely Hydroprocessed Components(++)	Declaration	vol %	**0.00**		Report	
2.5.3	Synthetic Components (++)	Declaration	vol %	**0.00**		Report	
3. VOLATILITY		-	-	-		-	
3.1	Distillation Range:	ASTM D86	-	-		-	
3.1.1	Initial Boiling Point	ASTM D86	°C	**151.6**		Report	
3.1.2	10% Recovered	ASTM D86	°C	**173.4**		205.0 Max	
3.1.3	50% Recovered	ASTM D86	°C	**188.5**		Report	
3.1.4	90% Recovered	ASTM D86	°C	**205.8**		Report	
3.1.5	End Point	ASTM D86	°C	**218.4**		300.0 Max	
3.1.6	Residue	ASTM D86	% vol	**1.3**		1.5 Max	
3.1.7	Loss	ASTM D86	% vol	**1.4**		1.5 Max	
3.2	Flash Point	IP 170	°C	**45.0**		38.0 Min	
3.3	Density @ 15°C	ASTM D4052	kg/m3	**784.4**		775.0 Min - 840.0 Max	

CERTIFICATE OF QUALITY

INSPECTORATE MALAYSIA SDN. BHD.
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Job Type	BLDDEPT
Job No	**SGILD-25-30226**
Sample No	**SGILD-25-30226-007**
Batch No	**JETA1/2025/00000377**
Job Asset	**ORKIM FORTITUDE**
Product	**AVTUR / JET A-1**
Terminal / Location	PENGERANG TERMINALS (TWO), JOHOR, MALAYSIA
Sample Asset	SHORETANK 1205-01
Sample Summary	T,U,M,L,B COMPOSITE BEFORE LOADING

Date Sampled : 12 Jun 2025
Date Received : 12 Jun 2025
Date Tested : 12 Jun 2025
Date Reported : 13 Jun 2025

		SGILD-25-30226-007			Specification
No.	Test	Method	Units	Result	Min/Max
4. FLUIDITY		-	-	-	-
4.1	Freezing Point	ASTM D7153	°C	**-48.5**	-47 Max
4.2	Viscosity @ -20°C	ASTM D445	mm2/s (Cst)	**3.142**	8.000 Max
5. COMBUSTION		-	-	-	-
5.1.2	Smoke Point	ASTM D1322	mm	**27.2**	25.0 Min
5.2	Specific Energy	ASTM D3338	MJ/kg	**43.351**	42.80 Min
6. CORROSION		-	-	-	-
6.1	Copper Corrosion (2hrs @ 100° C)	ASTM D130	-	**1a**	1 Max
7. THERMAL STABILITY		-	-	-	-
	Thermal Stability (JFTOT) @ 260°C	ASTM D3241	-	-	-
7.1	Test Temperature	ASTM D3241	°C	**260**	260 Min
7.2	Tube Rating	ASTM D3241	-	**-**	-
7.2.1	Annex B VTR	ASTM D3241	-	**1 , (no peacock or abnormal deposits)**	<3 Max (no peacock or abnormal deposits)
7.3	Pressure Differential	ASTM D3241	mm Hg	**<1**	25 Max
8. CONTAMINANTS		-	-	-	-
8.1	Existent Gum	IP 540	mg/100ml	**1**	7 Max
9. WATER SEPARATION CHARCTERISTICS		-	-	-	-
9.1.2	Microseparometer (MSEP) with SDA	ASTM D3948	-	**99**	70 Min
10. CONDUCTIVITY		-	-	-	-
10.1	Electrical Conductivity	ASTM D2624	pS/m	**142(*)**	250 Min - 600 Max
10.1.1	Temperature	ASTM D2624	°C	**27.0**	Report
11. LUBRICITY		-	-	-	-
11.1	Wear Scar Diameter	ASTM D5001	mm	**NA**	0.85 Max

CERTIFICATE OF QUALITY

INSPECTORATE MALAYSIA SDN. BHD.
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Job Type	BLDDEPT
Job No	SGILD-25-30226
Sample No	SGILD-25-30226-007
Batch No	JETA1/2025/00000377
Job Asset	ORKIM FORTITUDE
Product	AVTUR / JET A-1
Terminal / Location	PENGERANG TERMINALS (TWO), JOHOR, MALAYSIA
Sample Asset	SHORETANK 1205-01
Sample Summary	T,U,M,L,B COMPOSITE BEFORE LOADING

Date Sampled : 12 Jun 2025
Date Received : 12 Jun 2025
Date Tested : 12 Jun 2025
Date Reported : 13 Jun 2025

No.	Test	Method	Units	SGILD-25-30226-007 Result	Specification Min/Max
	ADDITIVES-			-	-
	Metal Deactivator	Declaration	-	Nil	2.0 Max
	First Doping	Declaration	mg/L	Nil	5.7 Max
	Cumulative Concentration after field Re-doping	Declaration	mg/L	-	-
	Static Dissipator	Declaration	-	0.3	3.0 Max
	First Doping	RDE/A/621	mg/L	Nil	5.0 Max
	Cumulative Concentration after field Re-doping	Declaration	mg/L	Nil	Report
	Corrosion Inhibitor	Declaration	mg/L	Nil	Report
	Lubricity Improver	Declaration	mg/L	Nil	24 Max
	Antioxidant (In Final Batch)	RDE/A/609	mg/L	17.0	72 Max
	Pipeline Drag Reducer (DRA)	Declaration	µg/L	Nil	72 Max

Remarks:

All tests, were performed by Centralised Lab Services (CLS) Pengerang Integrated Complex and witnessed by Bureau Veritas Inspectorate. When requested to witness analysis, our responsibility is solely to witness that the analysis is conducted on the correct sample. We assume and are not responsible for the fact that all apparatus, instrumentation and measuring devices are calibrated and in working order and reagents, etc. are accepted as prepared.

All results extracted from Refinery COQ

It is certified that the samples have been tested using the test methods stated and the batch represented conforms with DEF STAN 91-091 Issue 18 & AFQRJOS Checklist Issue 36

(*) Electrical conductivity (trial hand-doped with SDA 450 dosage 0.5mg/L) tested to be 278 pS/m. Doping shall be carried out during loading

AUTHORIZED SIGNATURE

Nuraini Binti Mohd. Yassin, AMIC
No. M/3443/6322/12

Job No: SGILD-25-30226

Vessel:	ORKIM FORTITUDE	Port:	PENGERANG DEEPWATER TERMINAL JETTY 2
Cargo:	JET A1	Date:	15.06.2025

CERTIFICATE OF QUANTITY

(BASED ON COMPUTER CALCULATION)

Quantity established according to : **Shore Measurement (Shore Tanks)**
~~**Vessel Measurement (V.E.F Applied / Not Applied)**~~

TOTAL GROSS STANDARD VOLUME

M3 @ 15°C	:	- - 33 325 . 053
M3 @ 30°C	:	- - 33 832 . 541
METRIC TONS	:	- - 26 103 . 514
LONG TONS	:	- - 25 691 . 235
BARRELS @ 60°F	:	- 209 714 . - - -
US GALLONS	:	- - - 8 803 , 546
DENSITY @ 15°C	:	- - - - 0 . 7844

Remarks: NIL

Inspectorate (Singapore) Pte Ltd

Name :

Signature :

INSPECTORATE (SINGAPORE) PTE LTD