

TANK : TANK-13
 Berth No. : KAZ BERTH - 41
 Product : STRAIGHT RUN HSFO
 Date : 19 February 2026

CERTIFICATE OF QUALITY

We set out below the results of analysis carried out by SHUAIBA Lab.

TEST	Units	METHOD	RESULTS
Denisty @15° C in Vac	g/cm ³	ASTM-D4052	0.9797
Denisty @15° C in Air	g/cm ³	ASTM-D4052	0.9786
Flash Point	°C	ASTM-D 93	150
Viscosity @ 50 °C	mm ² /S	ASTM-D 445	479.6
Sulphur Content	Wt. %	ASTM-D 4294	4.23
Water & Sediment	Vol.%	ASTM-D 1796	0.05
Pour Point °C	°C	ASTM-D 97	-3
Carbon Residue	Wt. %	ASTM-D 524	12.10

Notes:

based on lab analysis for "TANK -13" Composite Sample

The witnessing of analysis carried out in a third party laboratory is done so against the following protocol.

In no way is this protocol to be construed as Rochem Group accepting responsibility for the accuracy of the results, which is the sole responsibility of the executing laboratory.

The responsibility of Rochem is limited to an Rochem representative attending during the testing and ascertaining that in our opinion, the tests are performed on the correct sample. All apparatus, instrumentation and measuring devices are assumed to be calibrated and in good working order. The third party laboratory reagents and standards are accepted and employed.

For the Evaluation of results, the methods precision statement applies. Also refer to ASTM D 3244-97, IP 367 and Standard (Test Methods) Appendix E Standard practice for utilisation of test data to determine conformance with specification.

All orders are accepted and all certificates and reports are issued in accordance with Rochem General Terms and Conditions of Business (2002), a copy of which may be obtained upon request.



Rochem Inspector
 SHERIF MOUSTAFA

TANK : TANK-12
 Berth No. : KAZ BERTH - 41
 Product : STRAIGHT RUN HSFO
 Date : 19 February 2026

CERTIFICATE OF QUALITY

We set out below the results of analysis carried out by SHUAIBA Lab.

TEST	Units	METHOD	RESULTS
Denisty @15° C in Vac	g/cm ³	ASTM-D4052	0.9776
Denisty @15° C in Air	g/cm ³	ASTM-D4052	0.9765
Flash Point	°C	ASTM-D 93	156
Viscosity @ 50 °C	mm ² /S	ASTM-D 445	475.6
Sulphur Content	Wt. %	ASTM-D 4294	4.20
Water & Sediment	Vol.%	ASTM-D 1796	0.05
Pour Point °C	°C	ASTM-D 97	-3
Carbon Residue	Wt. %	ASTM-D 524	11.70

Notes:

based on lab analysis for "TANK -12" Composite Sample

The witnessing of analysis carried out in a third party laboratory is done so against the following protocol.

In no way is this protocol to be construed as Rochem Group accepting responsibility for the accuracy of the results, which is the sole responsibility of the executing laboratory.

The responsibility of Rochem is limited to an Rochem representative attending during the testing and ascertaining that in our opinion, the tests are performed on the correct sample. All apparatus, instrumentation and measuring devices are assumed to be calibrated and in good working order. The third party laboratory reagents and standards are accepted and employed.

For the Evaluation of results, the methods precision statement applies. Also refer to ASTM D 3244-97, IP 367 and Standard (Test Methods) Appendix E Standard practice for utilisation of test data to determine conformance with specification.

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Rochem Inspector
 SHERIF MOUSTAFA

TANK : TANK-9
 Berth No. : KAZ BERTH - 41
 Product : STRAIGHT RUN HSFO
 Date : 19 February 2026

CERTIFICATE OF QUALITY

We set out below the results of analysis carried out by SHUAIBA Lab.

TEST	Units	METHOD	RESULTS
Denisty @15° C in Vac	g/cm ³	ASTM-D4052	0.9722
Denisty @15° C in Air	g/cm ³	ASTM-D4052	0.9711
Flash Point	°C	ASTM-D 93	114
Viscosity @ 50 °C	mm ² /S	ASTM-D 445	312.0
Sulphur Content	Wt. %	ASTM-D 4294	4.30
Water & Sediment	Vol.%	ASTM-D 1796	0.05
Pour Point °C	°C	ASTM-D 97	-6
Carbon Residue	Wt. %	ASTM-D 524	10.80

Notes:

based on lab analysis for "TANK -9" Composite Sample

The witnessing of analysis carried out in a third party laboratory is done so against the following protocol.

In no way is this protocol to be construed as Rochem Group accepting responsibility for the accuracy of the results, which is the sole responsibility of the executing laboratory.

The responsibility of Rochem is limited to an Rochem representative attending during the testing and ascertaining that in our opinion, the tests are performed on the correct sample. All apparatus, instrumentation and measuring devices are assumed to be calibrated and in good working order. The third party laboratory reagents and standards are accepted and employed.

For the Evaluation of results, the methods precision statement applies. Also refer to ASTM D 3244-97, IP 367 and Standard (Test Methods) Appendix E Standard practice for utilisation of test data to determine conformance with specification.

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Rochem Inspector
SHERIF MOUSTAFA

TANK : TANK-7
 Berth No. : KAZ BERTH - 41
 Product : STRAIGHT RUN HSFO
 Date : 19 February 2026

CERTIFICATE OF QUALITY

We set out below the results of analysis carried out by SHUAIBA Lab.

TEST	Units	METHOD	RESULTS
Denisty @15° C in Vac	g/cm ³	ASTM-D4052	0.9714
Denisty @15° C in Air	g/cm ³	ASTM-D4052	0.9703
Flash Point	°C	ASTM-D 93	118
Viscosity @ 50 °C	mm ² /S	ASTM-D 445	315.0
Sulphur Content	Wt. %	ASTM-D 4294	4.23
Water & Sediment	Vol.%	ASTM-D 1796	0.05
Pour Point °C	°C	ASTM-D 97	-6
Carbon Residue	Wt. %	ASTM-D 524	10.28

Notes:

based on lab analysis for "TANK -7" Composite Sample

The witnessing of analysis carried out in a third party laboratory is done so against the following protocol.

In no way is this protocol to be construed as Rochem Group accepting responsibility for the accuracy of the results, which is the sole responsibility of the executing laboratory.

The responsibility of Rochem is limited to an Rochem representative attending during the testing and ascertaining that in our opinion, the tests are performed on the correct sample. All apparatus, instrumentation and measuring devices are assumed to be calibrated and in good working order. The third party laboratory reagents and standards are accepted and employed.

For the Evaluation of results, the methods precision statement applies. Also refer to ASTM D 3244-97, IP 367 and Standard (Test Methods) Appendix E Standard practice for utilisation of test data to determine conformance with specification.

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Rochem Inspector
SHERIF MOUSTAFA

TANK : TANK-6
 Berth No. : KAZ BERTH - 41
 Product : STRAIGHT RUN HSFO
 Date : 19 February 2026

CERTIFICATE OF QUALITY

We set out below the results of analysis carried out by SHUAIBA Lab.

TEST	Units	METHOD	RESULTS
Denisty @15° C in Vac	g/cm ³	ASTM-D4052	0.9743
Denisty @15° C in Air	g/cm ³	ASTM-D4052	0.9732
Flash Point	°C	ASTM-D 93	150
Viscosity @ 50 °C	mm ² /S	ASTM-D 445	407.0
Sulphur Content	Wt. %	ASTM-D 4294	4.11
Water & Sediment	Vol.%	ASTM-D 1796	0.10
Pour Point °C	°C	ASTM-D 97	-3
Carbon Residue	Wt. %	ASTM-D 524	10.72

Notes:

based on lab analysis for "TANK -6" Composite Sample

The witnessing of analysis carried out in a third party laboratory is done so against the following protocol.

In no way is this protocol to be construed as Rochem Group accepting responsibility for the accuracy of the results, which is the sole responsibility of the executing laboratory.

The responsibility of Rochem is limited to an Rochem representative attending during the testing and ascertaining that in our opinion, the tests are performed on the correct sample. All apparatus, instrumentation and measuring devices are assumed to be calibrated and in good working order. The third party laboratory reagents and standards are accepted and employed.

For the Evaluation of results, the methods precision statement applies. Also refer to ASTM D 3244-97, IP 367 and Standard (Test Methods) Appendix E Standard practice for utilisation of test data to determine conformance with specification.

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Rochem Inspector
 SHERIF MOUSTAFA

TANK : TANK-5
 Berth No. : KAZ BERTH - 41
 Product : STRAIGHT RUN HSFO
 Date : 19 February 2026

CERTIFICATE OF QUALITY

We set out below the results of analysis carried out by SHUAIBA Lab.

TEST	Units	METHOD	RESULTS
Denisty @15° C in Vac	g/cm ³	ASTM-D4052	0.9812
Denisty @15° C in Air	g/cm ³	ASTM-D4052	0.9801
Flash Point	°C	ASTM-D 93	158
Viscosity @ 50 °C	mm ² /S	ASTM-D 445	558.4
Sulphur Content	Wt. %	ASTM-D 4294	4.31
Water & Sediment	Vol.%	ASTM-D 1796	0.05
Pour Point °C	°C	ASTM-D 97	-3
Carbon Residue	Wt. %	ASTM-D 524	12.30

Notes:

based on lab analysis for "TANK -5" Composite Sample

The witnessing of analysis carried out in a third party laboratory is done so against the following protocol.

In no way is this protocol to be construed as Rochem Group accepting responsibility for the accuracy of the results, which is the sole responsibility of the executing laboratory.

The responsibility of Rochem is limited to an Rochem representative attending during the testing and ascertaining that in our opinion, the tests are performed on the correct sample. All apparatus, instrumentation and measuring devices are assumed to be calibrated and in good working order. The third party laboratory reagents and standards are accepted and employed.

For the Evaluation of results, the methods precision statement applies. Also refer to ASTM D 3244-97, IP 367 and Standard (Test Methods) Appendix E Standard practice for utilisation of test data to determine conformance with specification.

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Rochem Inspector
 SHERIF MOUSTAFA

TANK : TANK-4
 Berth No. : KAZ BERTH - 41
 Product : STRAIGHT RUN HSFO
 Date : 19 February 2026

CERTIFICATE OF QUALITY

We set out below the results of analysis carried out by SHUAIBA Lab.

TEST	Units	METHOD	RESULTS
Denisty @15° C in Vac	g/cm ³	ASTM-D4052	0.9756
Denisty @15° C in Air	g/cm ³	ASTM-D4052	0.9745
Flash Point	°C	ASTM-D 93	158
Viscosity @ 50 °C	mm ² /S	ASTM-D 445	427.0
Sulphur Content	Wt. %	ASTM-D 4294	4.13
Water & Sediment	Vol.%	ASTM-D 1796	0.05
Pour Point °C	°C	ASTM-D 97	-6
Carbon Residue	Wt. %	ASTM-D 524	11.40

Notes:

based on lab analysis for "TANK -4" Composite Sample

The witnessing of analysis carried out in a third party laboratory is done so against the following protocol.

In no way is this protocol to be construed as Rochem Group accepting responsibility for the accuracy of the results, which is the sole responsibility of the executing laboratory.

The responsibility of Rochem is limited to an Rochem representative attending during the testing and ascertaining that in our opinion, the tests are performed on the correct sample. All apparatus, instrumentation and measuring devices are assumed to be calibrated and in good working order. The third party laboratory reagents and standards are accepted and employed.

For the Evaluation of results, the methods precision statement applies. Also refer to ASTM D 3244-97, IP 367 and Standard (Test Methods) Appendix E Standard practice for utilisation of test data to determine conformance with specification.

All orders are accepted and all certificates and reports are issued in accordance with Rochem General Terms and Conditions of Business (2002), a copy of which may be obtained upon request.

Rochem Inspector
 SHERIF MOUSTAFA



TANK : TANK-3
 Berth No. : KAZ BERTH - 41
 Product : STRAIGHT RUN HSFO
 Date : 19 February 2026

CERTIFICATE OF QUALITY

We set out below the results of analysis carried out by SHUAIBA Lab.

TEST	Units	METHOD	RESULTS
Denisty @15° C in Vac	g/cm ³	ASTM-D4052	0.9766
Denisty @15° C in Air	g/cm ³	ASTM-D4052	0.9755
Flash Point	°C	ASTM-D 93	156
Viscosity @ 50 °C	mm ² /S	ASTM-D 445	450.0
Sulphur Content	Wt. %	ASTM-D 4294	4.42
Water & Sediment	Vol.%	ASTM-D 1796	0.20
Pour Point °C	°C	ASTM-D 97	-3
Carbon Residue	Wt. %	ASTM-D 524	11.42

Notes:

based on lab analysis for "TANK -3" Composite Sample

The witnessing of analysis carried out in a third party laboratory is done so against the following protocol.

In no way is this protocol to be construed as Rochem Group accepting responsibility for the accuracy of the results, which is the sole responsibility of the executing laboratory.

The responsibility of Rochem is limited to an Rochem representative attending during the testing and ascertaining that in our opinion, the tests are performed on the correct sample. All apparatus, instrumentation and measuring devices are assumed to be calibrated and in good working order. The third party laboratory reagents and standards are accepted and employed.

For the Evaluation of results, the methods precision statement applies. Also refer to ASTM D 3244-97, IP 367 and Standard (Test Methods) Appendix E Standard practice for utilisation of test data to determine conformance with specification.

All orders are accepted and all certificates and reports are issued in accordance with Rochem General Terms and Conditions of Business (2002), a copy of which may be obtained upon request.



Rochem Inspector
 SHERIF MOUSTAFA

TANK : TANK-2
 Berth No. : KAZ BERTH - 41
 Product : STRAIGHT RUN HSFO
 Date : 19 February 2026

CERTIFICATE OF QUALITY

We set out below the results of analysis carried out by SHUAIBA Lab.

TEST	Units	METHOD	RESULTS
Denisty @15° C in Vac	g/cm ³	ASTM-D4052	0.9734
Denisty @15° C in Air	g/cm ³	ASTM-D4052	0.9723
Flash Point	°C	ASTM-D 93	110
Viscosity @ 50 °C	mm ² /S	ASTM-D 445	338.0
Sulphur Content	Wt. %	ASTM-D 4294	4.42
Water & Sediment	Vol.%	ASTM-D 1796	0.05
Pour Point °C	°C	ASTM-D 97	-3
Carbon Residue	Wt. %	ASTM-D 524	10.60

Notes:

based on lab analysis for "TANK -2" Composite Sample

The witnessing of analysis carried out in a third party laboratory is done so against the following protocol.

In no way is this protocol to be construed as Rochem Group accepting responsibility for the accuracy of the results, which is the sole responsibility of the executing laboratory.

The responsibility of Rochem is limited to an Rochem representative attending during the testing and ascertaining that in our opinion, the tests are performed on the correct sample. All apparatus, instrumentation and measuring devices are assumed to be calibrated and in good working order. The third party laboratory reagents and standards are accepted and employed.

For the Evaluation of results, the methods precision statement applies. Also refer to ASTM D 3244-97, IP 367 and Standard (Test Methods) Appendix E Standard practice for utilisation of test data to determine conformance with specification.

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Rochem Inspector
 SHERIF MOUSTAFA

TANK : TANK-1
 Berth No. : KAZ BERTH - 41
 Product : STRAIGHT RUN HSFO
 Date : 19 February 2026

CERTIFICATE OF QUALITY

We set out below the results of analysis carried out by SHUAIBA Lab.

TEST	Units	METHOD	RESULTS
Denisty @15° C in Vac	g/cm ³	ASTM-D4052	0.9746
Denisty @15° C in Air	g/cm ³	ASTM-D4052	0.9735
Flash Point	°C	ASTM-D 93	156
Viscosity @ 50 °C	mm ² /S	ASTM-D 445	440.0
Sulphur Content	Wt. %	ASTM-D 4294	4.10
Water & Sediment	Vol.%	ASTM-D 1796	1.00
Pour Point °C	°C	ASTM-D 97	-3
Carbon Residue	Wt. %	ASTM-D 524	10.84

Notes:

based on lab analysis for "TANK -1" Composite Sample

The witnessing of analysis carried out in a third party laboratory is done so against the following protocol.

In no way is this protocol to be construed as Rochem Group accepting responsibility for the accuracy of the results, which is the sole responsibility of the executing laboratory.

The responsibility of Rochem is limited to an Rochem representative attending during the testing and ascertaining that in our opinion, the tests are performed on the correct sample. All apparatus, instrumentation and measuring devices are assumed to be calibrated and in good working order. The third party laboratory reagents and standards are accepted and employed.

For the Evaluation of results, the methods precision statement applies. Also refer to ASTM D 3244-97, IP 367 and Standard (Test Methods) Appendix E Standard practice for utilisation of test data to determine conformance with specification.

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Rochem Inspector
SHERIF MOUSTAFA

TANK : TANK-8
 Berth No. : KAZ BERTH - 41
 Product : STRAIGHT RUN HSFO
 Date : 19 February 2026

CERTIFICATE OF QUALITY

We set out below the results of analysis carried out by SHUAIBA Lab.

TEST	Units	METHOD	RESULTS
Denisty @15° C in Vac	g/cm ³	ASTM-D4052	0.9723
Denisty @15° C in Air	g/cm ³	ASTM-D4052	0.9712
Flash Point	°C	ASTM-D 93	110
Viscosity @ 50 °C	mm ² /S	ASTM-D 445	314.0
Sulphur Content	Wt. %	ASTM-D 4294	4.24
Water & Sediment	Vol.%	ASTM-D 1796	0.05
Pour Point °C	°C	ASTM-D 97	-9
Carbon Residue	Wt. %	ASTM-D 524	10.80

Notes:

based on lab analysis for " TANK -8" Composite Sample

The witnessing of analysis carried out in a third party laboratory is done so against the following protocol.

In no way is this protocol to be construed as Rochem Group accepting responsibility for the accuracy of the results, which is the sole responsibility of the executing laboratory.

The responsibility of Rochem is limited to an Rochem representative attending during the testing and ascertaining that in our opinion, the tests are performed on the correct sample. All apparatus, instrumentation and measuring devices are assumed to be calibrated and in good working order. The third party laboratory reagents and standards are accepted and employed.

For the Evaluation of results, the methods precision statement applies. Also refer to ASTM D 3244-97, IP 367 and Standard (Test Methods) Appendix E Standard practice for utilisation of test data to determine conformance with specification.

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Rochem Inspector
SHERIF MOUSTAFA