



Type: Re-Accreditation



Certificate of Accreditation

This is to certify that

Q & Q CONTROL SERVICES NIGERIA LTD

-5C OJU OLOBUN CLOSE, VICTORIA ISLAND, LAGOS, NIGERIA

Has been assessed by the Nigeria National Accreditation System and meets the requirements of the International Standard

ISO/IEC 17025:2017

with demonstrated technical competence in the field of

Testing

for the specific services listed on the approved Scope of Accreditation.

On behalf of the Nigeria National Accreditation System:



Issue date: **May 10, 2023**
Valid through: **May 09, 2025**

Scope of Accreditation
Petroleum Testing Laboratory
Q & Q CONTROL SERVICES NIGERIA LTD
-5C OJU OLOBUN CLOSE, VICTORIA ISLAND, LAGOS, NIGERIA

Schedule NO.:T0037A

Issue No. 2: 10 05, 2023

Valid to : 09 05, 2025

Materials/ Products Tested	Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications / Techniques Used
Gasoil	Acid and base Number	ASTM D974/ Titration
Gasoil	Aniline Point	ASTM D611/Aniline unit
Gasoline, Gasoil, DPK, JETA-1	Appearance Appearance Appearance	QQIHM-S002/18/Visual Photographic ASTM D4176
Gasoil, Fuel Oil	Ash Content	ASTM D482/Ash content unit
Gasoil, DPK JETA-1	Calorific value (Estimated)- Gross and Nett	ASTM D4868/Calculated
Gasoil, Fuel Oil	Carbon Residue-Conradson CCR	ASTM D189/CCR Unit
Fuel Oil	CCAI	ISO8217(Anx F)/ Calculated
Gasoil	Cetane Index	ASTM D976
Fuel oil	Cleanliness Rating-Compatibility & Stability	ASTMD4740/ Compatibility setup
Gasoil	Cloud Point	ASTM D2500/Cloud Point machine
Gasoil	Colour, ASTM	ASTM D1500/ Lovibond
DPK, JETA-1	Colour, Saybolt	ASTM D156/ Chromometer
Gasoline, Gasoil, DPK JETA-1	Copper corrosion	ASTM D130/Copper Corrosion unit
Gasoline, Gasoil, DPK JETA-1, Fuel Oil, Crude Oil	Density@15°C/Relative Density@60/60°F/API Gravity	ASTMD1298/Hydrometer
Fuel Oil	Density@15°C/Relative Density@60/60°F/API Gravity	ASTM D4052/ Densitometer
Gasoil	Diesel Index	IP21(Obs)/Calculated
Gasoline, Gasoil, DPK JETA-1	Distillation (Atmospheric)	ASTM D86/Distillation Unit.
Gasoline, DPK, JETA-1	Doctor	ASTM D4952
DPK, JETA-1	Flash Point (Abel)	IP170/Abel tester
Gasoil, Fuel Oil	Flash Point (PMCC)	ASTM D93/PMCC
DPK, JETA-1	Freezing Point	ASTM D2386
Gasoil, Fuel Oil	Pour Point	ASTM D97/Pour point machine
Gasoil, Fuel Oil, Crude Oil	Sediment by Extraction	ASTM D473/Sediment by Extraction unit.
Gasoline, Gasoil, DPK JETA-1, Fuel Oil	Sulphur Content	ASTM D4294/Sulphur analyser
DPK, JETA-1	Total Acidity	ASTM D3242/Titrimetric

Materials/ Products Tested	Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications / Techniques Used
Gasoline, Naphtha	Vapour Pressure-DVPE	ASTM D5191/DVPE machine
Gasoil, Fuel Oil, Crude Oil	Viscosity, Kinematic @ 37.8°C, 40°C, 50°C, 80°C, 100°C	ASTM D445/Viscosity Unit
Gasoil, Fuel Oil	Water by Distillation	ASTM D95