



# Certificate of Accreditation

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This is to certify that

**Petroleum Testing Laboratory**  
**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:



Testing  
No. T0021

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Issue date: **October 05, 2020**  
Validity through: **October 04, 2022**



### Scope of Accreditation

Chemical Testing Laboratory

Petroleum Testing Laboratory

Q & Q Control Services Nigeria Ltd

5C, Oju Olobun Close, Victoria Island, Lagos, Nigeria

Issue No. 1: 05 10, 2020

Valid to : 04 10, 2022

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
Gasoline, Gasoil, DPK JETA-1	Colour(Visual)	QQIHM
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	ASTM D4052/

Materials/ Products Tested	Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications / Techniques Used
	Density@60/60° F/API Gravity	Densitometer
Gasoil	Diesel Index	IP21(Obs)/Calculated
Gasoline, Gasoil, DPK JETA-1	Distillation(Atmospheric)	ASTM D86/Distillation Unit.
Gasoline, DPK, JETA-1-1	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
Gasoline	Odour	QQIHM
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
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