



# Certificate of Accreditation

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This is to certify that

Petroleum Testing Laboratory  
Q & Q Control Services Nigeria Ltd  
Plot 164C Idiagbon Close, GRA Phase 3, Port Harcourt.

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:



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Issue date: **January 3, 2022**  
Validity through: **January 4, 2024**

**Scope of Accreditation**

**Petroleum Testing Laboratory**

**Q & Q Control Services Nigeria Ltd**

Plot 164C Idiagbon Close, GRA Phase 3, Port Harcourt.

**Schedule NO.: T 0028**

**Issue No. 1: 03 01, 2022**

**Valid to: 02 01, 2024**

<b>Materials/ Products Tested</b>	<b>Types of Tests/ Properties Measured / Range of Measurements</b>	<b>Standard Specifications / Techniques Used</b>
Gasoil	Acid and base number	ASTM D974
Gasoil	Aniline point	ASTM D611
Gasoil, DPK, Naphtha, Gasoline	Appearance(free water & particulate contamination in distillate fuels)	ASTM D4176
Fuel oil, Gasoil	Ash content	ASTM D482
Fuel oil, Gasoil	Heat of combustion (Estimated) -Gross and Net	ASTM D4868
Gasoil, Fuel oil	Carbon Residue, Conradson	ASTM D189
Fuel oil	CCAI	ISO 8217
Gasoil	Cetane index	ASTM D4737
Gasoil	Cetane index	ASTM D976
Fuel oil	Cleanliness rating – Compactibility & Stability	ASTM D4740
Gasoil	Cloud point	ASTM D2500
	Colour, ASTM	ASTM D1500
DPK, JET-A1, Naphtha	Colour, Saybolt	ASTM D156
Gasoil, DPK, Gasoline, Naphtha	Copper corrosion	ASTM D130
Fuel oil, Gasoil, Naphtha, DPK, Gasoline, Crude oil	Density @15°C / Relative density @ 60°F / API gravity	ASTM D1298
Fuel oil, Gasoil, Naphtha, DPK, Gasoline, Crude oil	Density @15°C / Relative density @60°F / API gravity	ASTM D4052
	Atmospheric distillation	ASTM D86
Naphtha, Gasoline, DPK, JET-A1	Doctor test	ASTM D4952

<b>Materials/ Products Tested</b>	<b>Types of Tests/ Properties Measured / Range of Measurements</b>	<b>Standard Specifications / Techniques Used</b>
DPK, HHK, JET-A1	Flash point (Abel)	IP 170
Fuel oil, Gasoil	Flash point (PMCC)	ASTM D93
Fuel oil, Gasoil, Crude oil	Sediment by extraction	ASTM D473
Gasoline, Naphtha, DPK, JET-A1, Gasoil, Fuel oil	Sulphur Content	ASTM D4294
Gasoil, Fuel oil, Crude oil	Kinematic viscosity @ 37.8°C, 40°C, 50°C, 80°C, 100°C	ASTM D445
Gasoil, Fuel oil	Water by distillation	ASTM D95
Fuel oil	Total nitrogen	ASTM D3228
Fuel oil	Peptization value	SMS 1600
Gasoil, Fuel oil, crude oil	Asphaltenes	IP 143
Fuel oil	Toluene equivalent	AM-S 79-004
Fuel oil	Xylene equivalent	BP 230