



Type: Initial accreditation



Certificate of Accreditation

This is to certify that

LASER ENGINEERING AND RESOURCES CONSULTANTS LIMITED

No 5 East - West Road, Rumuodara, Port Harcourt, Rivers State

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. T0029

Issue date: **June 15, 2022**
Validity through: **June 14, 2024**

Scope of Accreditation

PVT and Environmental Testing Laboratory

Laser Engineering and Resources Consultants Limited

No 5 East - West Road, Rumuodara, Port Harcourt, Rivers State

Schedule NO.: T 0029

Issue No. 1: 15 06, 2022

Valid to : 14 06, 2024

Materials/ Products Tested	Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications / Techniques Used
Environmental Laboratory Scope of Accreditation		
Soil and water	1.	Sodium, Potassium, Magnesium, Calcium, Strontium, Barium, Iron, Zinc, Chromium, Cadmium, Copper, Manganese, Nickel, Lead, Vanadium, Arsenic, Aluminium, Boron, Lithium, Cobalt, Tin, Molybdenum, Silicon & Phosphorus
	2.	Chloride (mg/l)
	3.	Sulphate (mg/l)
	4.	Nitrate
	5.	Phosphate
	6.	Nitrite
	7.	Nitrogen-Ammonia
	8.	Bicarbonate
	9.	Carbonate
	10.	Total Hardness
	11.	pH
	12.	Dissolved Oxygen
	13.	Total Dissolved Solids (TDS) (mg/l)
	14.	Conductivity
	15.	Turbidity
	16.	Water Sampling
	17.	Soil Sampling
PVT LABORATORY SCOPE OF ACCREDITATION		
	18.	Density of crude oil
	19.	Viscosity of crude oil

Materials/ Products Tested		Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications / Techniques Used
			D7483/Electromagnetic Viscometer
	20.	Sulphur content in crude oil	ASTM D4294/Sulphur- in-crude Analyser
	21.	Oil Sampling	ASTM D4057/Manual Sampling