



# Certificate of Accreditation

This is to certify that

**RINGARDAS NIGERIA LIMITED**

GWAGWALADA -KWALI ROAD, KWALI DISTRICT, ABUJA, FCT  
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. T0048

Issue date: September 12th, 2025  
Valid through: September 11th, 2029

## Scope of Accreditation

**Chemical Testing Laboratory  
RINGARDAS NIGERIA LIMITED**

**GWAGWALADA -KWALI ROAD, KWALI DISTRICT, ABUJA, FCT**

Schedule NO.: TL00037

Issue No. 1: 12 09, 2025

Valid to : 11 09, 2029

Material or Products Tested	Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications, Techniques/Equipment Used
Bitumen	Softening Point / Softness / 46 - 56	ASTM D-0005 / Softening Point Tester / Heating
	Penetration / Hardness / 60 - 70	ASTM D-0036 / Penetrometer / Gravitational Force.
	Determination of Solubility / Soluble / > 90%	ASTM D004 / Solubility Apparatus / Filtration
	Determination of Flash Point / Flammability of Bitumen 60/70 grade/ > 230°C	ASTM D0092 / Flash Point Tester / Heating
	Ductility / Elasticity Measurement of Bitumen 60/70 sample/ $\geq 100\text{cm}$	ASTM D 0113 / Ductilometer / Stretch
	Determination of Loss on Heating / Mass / $\leq 5\%$	EN 14023 / TFOT/ Heating
	Determination of Specific Gravity / Density/ 1.01 - 1.05	ASTM D 0070 / Pycnometer Bottle / Weight
	Determination of Adhesiveness of Bitumen 60/70 Grade sample	ASTM D3625