



# Certificate of Accreditation

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This is to certify that

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## SKYDEW ENERGY SERVICES LIMITED

7A FIFTH STREET, ELEKAHIA HOUSING ESTATE, PORT HARCOURT, RIVERS STATE

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

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## ISO/IEC 17025:2017

with demonstrated technical competence in the field of

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## Calibration

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

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On behalf of the Nigeria National Accreditation System:



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Issue date: **December 23, 2025**  
Valid through: **December 22, 2027**

## Scope of Accreditation

### Calibration Laboratory

SKYDEW ENERGY SERVICES LIMITED

7A FIFTH STREET, ELEKAHIA HOUSING ESTATE, PORT HARCOURT, RIVERS STATE

Schedule No.: C0057

Issue No. 1: 23 12, 2025

Valid to : 22 12, 2027

#### CALIBRATION AND MEASUREMENT CAPABILITY (CMC)

Measured Quantity	Range	Expanded Measurement Uncertainty (k = 2)	Remark (Calibration Method)
<b>PRESSURE</b>			
Pressure Gauges	-1 ... +20 bar -1 ... +40 bar	±0.05 bar ±0.10 bar	ASME B40, 100- 2013 and DKD-R 6-1  (Calibration of gauge pressure against a reference pressure gauge (Druck Pressure Calibrator, Heart Communicator))
Pressure Transmitters	0... 60 bar	±0.15 bar	
	0...100 bar	±0.25 bar	
	0... 350 bar	±0.875 bar	
	0...700 bar	±1.75 bar	
	0...1,000 bar	±2.5 bar	
Pressure Safety Valve	0-700bar	±0.2 bar	ASME SECTION VIII, API 576 (Valve Calibration Test Bench)
<b>TEMPERATURE</b>			
Temperature Measuring Equipment (Indicators)	-20 0C to 00C -0 0C to 600 0C	±0. 61 0C ±0. 24 0C	EURAMET/cg (Dry Block Temperature Calibrator)

Measured Quantity	Range	Expanded Measurement Uncertainty (k = 2)	Remark (Calibration Method)
Temperature Measuring Equipment (Simulators)	-200 0C to 0 0C -0 0C to 1370 0C	±0. 61 0C  ±0. 24 0C	EURAMET/cg-8 (Fluke 741 Documenting Process Calibrator)
Thermocouples	-200 0C to 0 0C -0 0C to 1370 0C	±0. 61 0C  ±0. 24 0C	
DIMENSION			
Micrometer Screw Gauge	0 mm 25 mm	±0.10µm	NPL-GPG-40  (Standard Gauge Block set- - Grade 2 M87 Stainless Steel)
	0 mm to 50 mm	±0.12µm	
	0 mm to 150 mm	±0.30µm	
	0 mm to 300 mm	±0.63µm	
Vernier Caliper	0 mm to 150 mm	±0.30µm	
	0 mm to 300 mm	±0.63µm	
Dial Gauge	0 mm to 10 mm	±0.8µm	

Measured Quantity	Range	Expanded Measurement Uncertainty (k = 2)	Remark (Calibration Method)
<b>MASS</b>			
Analytical Balance	1 mg to 80 g	±0.5 mg	NIST SOP 7 (Use of Standard Test Weight Set (Troemner Class F1))
	1 mg to 120 g	±0.75 mg	
	1 mg to 210 g	±1.0 mg	
Top Loading balance	1 mg to 6000g	±0.2mg	