



Type: Initial Accreditation



# Certificate of Accreditation

This is to certify that

## 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

## ISO/IEC 17025:2017

with demonstrated technical competence in the field of

## Calibration

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

On behalf of the Nigeria National Accreditation System:



Calibration  
No. C0012

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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	$\pm 0.05$ bar	ASME B40, 100-2013 and DKD-R 6-1  (Calibration of gauge pressure against a reference pressure gauge (Druck Pressure Calibrator, Heart Communicator))
	-1 ... +40 bar	$\pm 0.10$ bar	
Pressure Transmitters	0... 60 bar	$\pm 0.15$ bar	
	0...100 bar	$\pm 0.25$ bar	
	0... 350 bar	$\pm 0.875$ bar	
	0...700 bar	$\pm 1.75$ bar	
	0...1,000 bar	$\pm 2.5$ bar	
Pressure Safety Valve	0-700bar	$\pm 0.2$ bar	ASME SECTION VIII, API 576 (Valve Calibration Test Bench)
<b>TEMPERATURE</b>			
Temperature Measuring Equipment (Indicators)	-20 0C to 00C	$\pm 0.61$ 0C	EURAMET/cg (Dry Block Temperature Calibrator)
	-0 0C to 600 0C	$\pm 0.24$ 0C	

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	
<b>DIMENSION</b>			
Micrometer Screw Gauge	0 mm 25 mm  0 mm to 50 mm  0 mm to 150 mm  0 mm to 300 mm	±0.10µm  ±0.12µm  ±0.30µm  ±0.63µm	NPL-GPG-40  (Standard Gauge Block set- - Grade 2 M87 Stainless Steel)
Vernier Caliper	0 mm to 150 mm  0 mm to 300 mm	±0.30µm  ±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	