



Type: Initial Accreditation



# Certificate of Accreditation

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This is to certify that

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## SPIE SERVICES NIGERIA LIMITED

55, TRANS-AMADI INDUSTRIAL LAYOUT, PORT HARCOURT, RIVERS STATE, NIGERIA

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 08, 2022  
Valid through: December 07, 2024

## Scope of Accreditation

### SPIE SERVICES NIGERIA LIMITED

55, TRANS-AMADI INDUSTRIAL LAYOUT, PORT HARCOURT, RIVERS STATE, NIGERIA

Schedule NO.:C0006

Issue No. 1: 08 12, 2022

Valid to : 07 12, 2024

Measured Quantity	Range	Calibration and Measurement Capability (CMC)	Brief description of calibration method	Brief description of calibration equipment
1. Low voltage Electrical  (Clamp meter)	1000V Max.  0A - 1000A Max.	NA  NA	Fluke 376 EURAMET/Cg-15 V03  Fluke 376 EURAMET/Cg-15 V03	Calibration of Low Voltage Meters Using Time Electronics 5025C multifunction Calibrator incorporating EasyCAL v6.85.9 Software.  Calibration of clamp meter against Time Electronics 5025C Multifunction Calibrator incorporating EasyCAL v6.85.9 Software
2. Gauge Pressure. ( Pressure gauge Indicator)	0-700 Bar	$\pm 0.61$ Bar	BS EN 837-1:1998 DKD-R6-1:2014	Calibration of a gauge pressure against a reference pressure gauge(Bourdon tube)  Calibration of a gauge pressure against a reference pressure gauge(Digital Pressure Test Gauge)
3. Temperature (Mercury in glass Thermometer)  Resistance temperature detectors and dry block temperature calibrator	-10 to 100 °C  -10 to 650 °C	$\pm 0.51$ °C  $\pm 0.51$ °C	NIST Handbook 105-6 (1997)  NIST Handbook 105-6 (1997)	A dry well/dry block for three-point calibration of mercury-in-glass thermometer.  A dry well/dry block for three-point calibration of thermometers.  Temp master 100. Dry block temperature calibrator.
4. Force measurement (Torque wrench)	0-600NM	NA	ISO 6789-2:2017	Andilog force measuring instrument to calibrate torque wrench.