



# CERTIFICATE OF CALIBRATION

Issued By: Vericas Integrated Services Limited

2 Peace Valley Estates Woji Port Harcourt

Email: vericasintegrated@yahoo.com, vericasintegrated@gmail.com

Phone: +234-7036091657, +234-8120023534

**Client:** **ELSHCON NIGERIA LIMITED**  
Trans-Woji Road PH Rivers State.

**Certificate Number:**  
VISL-CAS-20-045

Page 1 of 1

**Date Calibrated:** 16 June, 2020.  
**Due Date:** 15 December, 2020  
**Calibration Validity:** Six (6) Months

**Environmental Conditions:**

Temperature: 25°C ±2°C

Relative Humidity: 76% ±20%

**Instrument:**  
Description: Portable Gas Detector  
Manufacturer: MSA  
Model: Altair 4X  
Serial Number: 00216206

**Calibration Method & Standard:**

Direct Comparison Adjustment with Standard Calibration Gas Mixture Traceable to NIST and in accordance with Manufacturer Procedure.

**Calibration Data**

CHANNEL NO.	GAS NAME	UNITS	MEASUREMENT RANGE	STANDARD CALIBRATION GAS	RESOLUTION	LOW ALARM	HIGH ALARM	STEL	TWA
1	LEL (CH4)	%LEL	0-100%LEL	50	1%LEL	10	20	-	-
2	OXYGEN (O2)	%VOL	0-30%Vol.	18.0	0.1%	19.5	23.0	-	-
3	HYDROGEN SULPHIDE (H2S)	PPM	0-200PPM	25	1PPM	10	15	15	10
4	CARBON MONOXIDE (CO)	PPM	0-2000PPM	50	1PPM	25	100	100	25

Zero Calibration: Pass  
Calibration Result: Pass  
Alarms: OK  
Pump Test: N/A  
Confidence Beep: OK

DISPLAY	RANGES
OK	OK

**Calibrated By:**

Izevbekhai O. Gabriel

**Remark:** Equipment is fit for Purpose

