



Accreditation Scope

**Al Masaood Oil Industry Supplies and Service Company, NAL 189
Calibration Laboratory, (ISO/IEC 17025:2017)**

Mussafah Industrial - MN (5), Abu Dhabi, UAE

Issue Date: 20-11-2022

Expiry Date: 19-11-2025

Issue No: 01

Calibration Field/ Quantity/ Property	Measurand / Equipment	Measuring Range	CMC (k=2)	Calibration Method (Standard/ Internal Procedure)	Permanent lab (P) / Client-site (S)
Gas Analyzers	CO	0 to 500 ppm balance N ₂	9 %	MOISS/AL/WP-001:2022 MOISS/AL/WP-002:2022	P / S
	H ₂ S	0 to 100 ppm balance N ₂	9 %		
	PH ₃	0 to 5 ppm balance N ₂	9 %		
	SO ₂	0 to 50 ppm balance N ₂	9 %		
	Cl ₂	0 to 25 ppm balance N ₂	9 %		
	NH ₃	0 to 100 ppm balance N ₂	9 %		
	NO ₂	0 to 50 ppm balance N ₂	9 %		
	HCN	0 to 20 ppm balance N ₂	9 %		
	ClO ₂	0 to 1.0 ppm balance N ₂	9 %		
	O ₃	0 to .0 ppm balance N ₂	9 %		
	VOC (Volatility Organic Compound)	100 ppm isobutylene	9 %		
	LEL (Lower explosion Limit)	50% LEL or 2.5% by vol. methane balance air	9 %		
	CO ₂	5000 ppm balance air	9 %		
	O ₂	18.0 %	9 %		
END					