

Accreditation Scope

Enviro & Industrial Solutions ME, NAL 139

Calibration Laboratory (ISO/IEC 17025:2017)

DSP Warehouse B13, Al Barsha South 2, Dubai, UAE

Issue Date: 25-02-2020

Expiry Date: 24-02-2023

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 | SO ₂ | (0 to 10) ppm (0 to 28.6) mg/m ³ | 5 % | EIS-SOP-01:2019, Non-Reference Air Quality Analyzer EIS-SOP-02:2019, Reference Air Quality Analyzer | P |
| | | (0 to 500) ppm (0 to 1430) mg/m ³ | 5 % | EIS-SOP-04:2019, Emission analyzer | |
| | NO ₂ | (0 to 10) ppm (0 to 20.54) mg/m ³ | 5 % | EIS-SOP-01:2019, Non-Reference Air Quality Analyzer EIS-SOP-02:2019, Reference Air Quality Analyzer | P |
| | | (0 to 50) ppm (0 to 102.7) mg/m ³ | 5 % | EIS-SOP-04:2019, Emission analyzer | |
| | NO | (0 to 10) ppm (0 to 13.40) mg/m ³ | 5 % | EIS-SOP-01:2019, Non-Reference Air Quality Analyzer EIS-SOP-02:2019, Reference Air Quality Analyzer | P |
| | | (0 to 250) ppm (0 to 335) mg/m ³ | 5 % | EIS-SOP-04:2019, Emission analyzer | |
| | CO | (0 to 100) ppm (0 to 125) mg/m ³ | 5 % | EIS-SOP-01:2019, Non-Reference Air Quality Analyzer EIS-SOP-02:2019, Reference Air Quality Analyzer | P |
| | | (0 to 5000) ppm (0 to 6.25) g/m ³ | 5 % | EIS-SOP-04:2019, Emission analyzer | |

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|---|--------------------------|---|--------------|--|---|
| Gas Analyzers | O ₃ | (0 to 1) ppm (0 to 2.143) mg/m ³ | 5 % | EIS-SOP-01:2019, Non-Reference Air Quality Analyzer EIS-SOP-02:2019, Reference Air Quality Analyzer | P |
| | H ₂ S | (0 to 10) ppm (0 to 15.22) mg/m ³ | 5 % | EIS-SOP-01:2019, Non-Reference Air Quality Analyzer EIS-SOP-02:2019, Reference Air Quality Analyzer | P |
| | | (0 to 50) ppm (0 to 76.1) mg/m ³ | 5 % | EIS-SOP-04:2019, Emission analyzer | |
| | NH ₃ | (0 to 10) ppm (0 to 7.6) mg/m ³ | 5 % | EIS-SOP-02:2019, Reference Air Quality Analyzer | P |
| | | (0 to 20) ppm (0 to 15.2) mg/m ³ | 5 % | EIS-SOP-01:2019, Non-Reference Air Quality Analyzer | |
| | CO ₂ | (0 to 600) ppm (0 to 1.179) g/m ³ | 5 % | EIS-SOP-01:2019, Non-Reference Air Quality Analyzer EIS-SOP-02:2019, Reference Air Quality Analyzer | P |
| | | (0 to 15) % v/v | 6 % | EIS-SOP-04:2019, Emission analyzer | |
| | O ₂ | (0 to 2) % v/v | 5 % | EIS-SOP-04:2019, Emission analyzer | P |
| | | (0 to 21) % v/v | 5 % | | |

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|---|---|--|--------------|--|---|
| Gas Analyzers | VOC (isobutene) | (0 to 10) ppm (0 to 20.59) mg/m ³ | 5 % | EIS-SOP-01:2019, Non-Reference Air Quality Analyzer EIS-SOP-02:2019, Reference Air Quality Analyzer | P |
| | | (0 to 1000) ppm (0 to 2.059) g/m ³ | 5 % | EIS-SOP-04:2019, Emission analyzer | |
| | Hydrocarbon (C ₃ H ₈) | (0 to 1000) ppm (0 to 1.969) g/m ³ | 5 % | EIS-SOP-01:2019, Non-Reference Air Quality Analyzer EIS-SOP-02:2019, Reference Air Quality Analyzer EIS-SOP-04:2019, Emission analyzer | P |
| | Hydrocarbon (CH ₄) | (0 to 20) ppm (0 to 14.32) mg/m ³ | 5 % | EIS-SOP-01:2019, Non-Reference Air Quality Analyzer EIS-SOP-02:2019, Reference Air Quality Analyzer | P |
| BTEX Analyzers | Benzene | (0 to 20) ppm (0 to 1.432) g/m ³ | 5 % | EIS-SOP-04:2019, Emission analyzer | P |
| | | (0 to 1) ppm (0 to 3.487) mg/m ³ | 5 % | EIS-SOP-01:2019, Non-Reference Air Quality Analyzer EIS-SOP-02:2019, Reference Air Quality Analyzer | P |

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|---|---------------------------------|--|--------------|--|---|
| BTEX Analyzers | Toluene | (0 to 1) ppm (0 to 4.113) mg/m ³ | 5 % | EIS-SOP-01:2019, Non-Reference Air Quality Analyzer EIS-SOP-02:2019, Reference Air Quality Analyzer | P |
| | Ethyl-Benzene | (0 to 1) ppm (0 to 4.790) mg/m ³ | 5 % | EIS-SOP-01:2019, Non-Reference Air Quality Analyzer EIS-SOP-02:2019, Reference Air Quality Analyzer | P |
| | Xylene | (0 to 1) ppm (0 to 4.970) mg/m ³ | 5 % | EIS-SOP-01:2019, Non-Reference Air Quality Analyzer EIS-SOP-02:2019, Reference Air Quality Analyzer | P |
| Dust Analyzers | Total Suspended Particles (TSP) | (0 to 1) g/m ³ | 5 % | EIS-SOP-03:2019, Dust analyzer | P / S |
| | Particle Matters (PM10) | (0 to 1) g/m ³ | 5 % | EIS-SOP-03:2019, Dust analyzer | P / S |
| | Particle Matters (PM2.5) | (0 to 1) g/m ³ | 5 % | EIS-SOP-03:2019, Dust analyzer | P / S |
| END | | | | | |

* CMCs values are relative values from the obtained results.