



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ANÁLISIS Y MEDICIONES AMBIENTALES LIMITADA - EXyMa Ltda.
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ENVIRONMENTAL

Valid To: December 31, 2023

Certificate Number: 5877.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this organization to perform recognized methods using the following testing technologies and in the analyte categories identified below:

FSMO Type:

Environmental Sampling, Analysis and Field Measurement

Mobile Units: Vehicles

| Activity | Environmental Component | Application | Subarea or Product | Method | Description | Parameter / Analyte |
|-------------|-------------------------|-------------|----------------------------|-----------------|--|-------------------------------|
| Measurement | Air | Emission | Gases / Particulate Matter | CH-1 or EPA 1 | Sample and velocity traverses for stationary sources). | Velocity / sampling points |
| Measurement | Air | Emission | Gases / Particulate Matter | CH-1A or EPA 1A | Sample and velocity traverses for stationary sources with small stacks or ducts | Sampling Traverses / Velocity |
| Measurement | Air | Emission | Gases / Particulate Matter | CH-2 or EPA 2 | Determination of stack gas velocity and volumetric flow rate (Type S pitot tube). | Volumetric Flow / Velocity |
| Measurement | Air | Emission | Gases / Particulate Matter | CH-2C or EPA 2C | Determination of gas velocity and volumetric flow rate in small stacks or ducts (Standard pitot tube). | Volumetric Flow / Velocity |

| Activity | Environmental Component | Application | Subarea or Product | Method | Description | Parameter / Analyte |
|-------------|-------------------------|-------------|----------------------------|-----------------|---|---|
| Measurement | Air | Emission | Gases / Particulate Matter | CH-3 or EPA 3 | Gas analysis for the determination of dry molecular weight | Dry Molecular Weight |
| Measurement | Air | Emission | Gases | CH-3A or EPA 3A | Determination of oxygen and carbon dioxide concentrations in emissions from stationary sources (instrumental analyzer procedure). | Carbon Monoxide / Carbon Dioxide / Oxygen |
| Measurement | Air | Emission | Gases / Particulate Matter | CH-3B or EPA 3B | Gas analysis for the determination of emission rate correction factor or excess air | Excess Air / Correction Factor |
| Measurement | Air | Emission | Gases/ Particulate Matter | CH-4 or EPA 4 | Determination of moisture content in stack gases | Humidity |
| Sampling | Air | Emission | Particulate Matter | CH-5 or EPA 5 | Determination of particulate matter emissions from stationary sources | Particulate Matter |
| Analysis | Air | Emission | Particulate Matter | CH-5 or EPA 5 | Determination of particulate matter emissions from stationary sources | Particulate Matter |
| Measurement | Air | Emission | Gases | CH-6C or EPA 6C | Determination of sulfur dioxide emissions from stationary sources (Instrumental analyzer procedure) | Sulfur Dioxide |

| Activity | Environmental Component | Application | Subarea or Product | Method | Description | Parameter / Analyte |
|-------------|-------------------------|-------------|--------------------|------------------------------------|---|--------------------------|
| Measurement | Air | Emission | Gases | CH-7E or EPA 7E | Determination of nitrogen oxides emissions from stationary sources (instrumental analyzer procedure) | Nitrogen Oxides |
| Measurement | Air | Emission | Gases | CH-10 or EPA 10 | Determination of carbon monoxide emissions from stationary sources (instrumental analyzer procedure). | Carbon Monoxide |
| Measurement | Air | Emission | Gases | Exempt Resolution No. 2439/2021SMA | Emissions a general instruction that establishes the methodology for the measurement to determine the concentration of carbon monoxide (CO) and oxygen (O2) in stationary sources | Carbon Monoxide / Oxygen |



Accredited Laboratory

A2LA has accredited

ANÁLISIS Y MEDICIONES AMBIENTALES LIMITADA - EXyMa Ltda.

Santiago, CHILE

for technical competence in the field of

Environmental Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of A2LA R206 – *Environmental Testing Laboratory Accreditation Program*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 26th day of January 2022.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5877.01
Valid to December 31, 2023

For the tests to which this accreditation applies, please refer to the laboratory's Environmental Scope of Accreditation.