



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **SGS CHILE SOCIEDAD DE CONTROL LTDA. (EMISSION DIVISION OF THE ENVIRONMENTAL HEALTH AND SAFETY LABORATORY)**

PUERTO MADERO 130 PUDAHUEL  
SANTIAGO 9061073  
CHILE

Testing Laboratory TL-766

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation maintained on the IAS website ([www.iasonline.org](http://www.iasonline.org)).

*This certificate is valid up to April 1, 2022.*

*This accreditation certificate supersedes any IAS accreditation bearing an earlier effective date. The certificate becomes invalid upon suspension, cancellation or revocation of accreditation. See [www.iasonline.org](http://www.iasonline.org) for current accreditation information, or contact IAS at 562-364-8201.*



A handwritten signature in black ink, reading "Raj Nathan", positioned above a horizontal line.

**Raj Nathan**  
President



# SCOPE OF ACCREDITATION

IAS Accreditation Number	TL-766
Company Name	SGS Chile Sociedad de Control Ltda. (Emission Division of the Environmental Health and Safety Laboratory)
Address	Puerto Madero 130 Pudahuel Santiago 9061073 Chile
Contact Name	Mauricio Ampuero / Patricia Jorquera
Telephone	+569 77913907 / +569 65715752
Effective Date of Scope	August 12, 2019
Accreditation Standard	ISO/IEC 17025:2017

FIELDS OF TESTING	MATERIAL	DETERMINANTS	PROCEDURE	METHOD REFERENCE	SUB AREA OR PRODUCT
Sampling	Fixed Source Emission-Onsite	Sample and velocity traverses for stationary sources	CH-1	Method 1, EPA	Air Particulate Material Gas
		Sample and Velocity Traverses for Stationary Sources With Small Stacks or Ducts	CH-1A	Method 1A, EPA	Air Particulate Material Gas
		Determination of Stack Gas Velocity and Volumetric Flow Rate (Type S Pitot Tube)	CH-2	Method 2, EPA	Air Particulate Material Gas
		Gas Analysis for the Determination of Dry Molecular Weight	CH-3	Method 3, EPA	Air Particulate Material Gas
		Gas Analysis for the Determination of Emission Rate Correction Factor or Excess Air	CH-3B	Method 3B, EPA	Air Particulate Material Gas
		Determination of moisture content in stack gases	CH-4	Method 4, EPA	Air Particulate Material Gas
		Determination of particulate matter	CH-5	Method 5, EPA	Air Particulate Material



# SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	PROCEDURE	METHOD REFERENCE	SUB AREA OR PRODUCT
Sampling (cont'd)	Fixed Source Emission-Onsite (cont'd)	emissions from stationary Sources			Gas
		Determination of sulfur dioxide emissions from stationary sources	CH-6	Method 6, EPA	Air Particulate Material Gas
		Measurement of gaseous organic compound emissions by gas chromatography	CH-18	Method 18, EPA	Air Particulate Material Gas
		Determination of Polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans from stationary sources	CH-23	Method 23, EPA	Air Particulate Material Gas
		Determination of Hydrogen halide and halogen emissions from stationary sources isokinetic method	CH-26A	Method 26A, EPA	Gas
		Determination of metals emissions from stationary sources	CH-29	Method 29, EPA	Air Particulate Material Gas
		Determination of sulfuric acid and sulfur dioxide emissions from stationary sources	EPA 8	Method 8, EPA	Air Gas
		Determination of total reduced sulfur emissions from stationary sources (impinger technique)	EPA 16A	Method 16A, EPA	Air Gas
		Determination of total reduced sulfur emissions from stationary sources	EPA 16B	Method 16B, EPA	Air Gas
		Determination of Particulate Matter Emissions From Stationary Sources	EPA 17	Method 17, EPA	Air Particulate Material
		Measurement of volatile organic	EPA 31	Method 31, EPA	Air Gas



# SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	PROCEDURE	METHOD REFERENCE	SUB AREA OR PRODUCT
Sampling (cont'd)	Fixed Source Emission-Onsite (cont'd)	compound emissions			
		Determination of PM10 and PM2.5 emissions from stationary sources (constant sampling rate procedure)	EPA 201A	Method 201A, EPA	Air Particulate Material Gas
		Determination of PM10 and PM2.5 emissions from stationary sources	OTM27	Other Test Method 27, EPA	Air Particulate Material Gas
		Dry impinger method for determining condensable particulate emissions from stationary sources	OTM28	Other Test Method 28, EPA	Air Particulate Material Gas
		Determination of Ammonia emissions in stationary sources	CTM27	CTM 27, EPA	Air Gas
		Determination of stack gas velocity and volumetric flow rate with three-dimensional probes	EPA 2F	Method 2F, EPA	Air Particulate Material Gas
Sampling and Measurement	Fixed Source Emission – Mobile Lab Measurement	Determination of emissions from stationary sources (instrumental analyzer procedure) O <sub>2</sub> , CO, CO <sub>2</sub>	CH-3A	Method 3A, EPA	Air Particulate Material Gas
		Determination of Sulfur dioxide emissions from stationary sources (Mobile instrumental analyzer procedure)	CH-6C	Method 6C, EPA	Air Particulate Material Gas
		Determination of Nitrogen oxides emissions from stationary sources (Mobile instrumental analyzer procedure)	CH-7E	Method 7E, EPA	Air Particulate Material Gas
		Determination of Carbon monoxide emissions from	CH-10	Method 10, EPA	Air Particulate Material



# SCOPE OF ACCREDITATION

<b>FIELDS OF TESTING</b>	<b>MATERIAL</b>	<b>DETERMINANTS</b>	<b>PROCEDURE</b>	<b>METHOD REFERENCE</b>	<b>SUB AREA OR PRODUCT</b>
Sampling and Measurement (cont'd)	Fixed Source Emission – Mobile Lab Measurement (cont'd)	stationary sources (Mobile instrumental analyzer procedure)			Gas
		Determination of total gaseous organic concentration using a flame ionization analyzer	CH-25A	Method 25A, EPA	Air Particulate Material Gas