



NATIONAL
ACCREDITATION
CENTER

ACCREDITATION Certificate

TO BE ACTIVE AS CALIBRATION LABORATORY

GREEN GROUP PE SAC
AV AVIACION 4210 SURQUILLO LIMA PERU

As a result of the assessment conducted by the NAC National Accreditation Center LLC, this laboratory is accredited in accordance with the ISO/IEC 17025:2017 standard, which specifies the general requirements for the competence of testing and calibration laboratories, as detailed in the annexes.

Accreditation Number : NAC-011-CL

Initial Accreditation Date : 16.September.2024

Current Accreditation Cycle : 16.September.2024- 16.September.2028

This certificate is valid until 16.September.2028, provided that the above-mentioned name and address continue to comply with the relevant standards, as well as international and regional regulations, in addition to the organization's documented compliance with ISO/IEC 17025:2017 General Requirements for the competence of testing and calibration laboratories.



This certificate is given by NAC. The certificate becomes invalid in case of suspension and cancellation of accreditation. For current accreditation information, visit www.nac-us.org or communicate with NAC on info@nac-us.org.



Gaynor
PRESIDENT

Attachment of Accreditation Certificate

SCOPE OF ACCREDITATION

 CALIBRATION LABORATORY ISO/IEC 17025:2017 NAC-011-CL	NAC ACCREDITATION NUMBER	NAC-011-CL		
	COMPANY NAME	GREEN GROUP PE SAC		
	ADDRESS	AV AVIACION 4210 SURQUILLO LIMA PERU		
	CONTACT NAME	HECTOR RODRIGUEZ		
	TELEPHONE	+51 5606134		
	CURRENT ACCREDITATION DATE	16.09.2024		
	ACCREDITATION STANDARD	ISO/IEC 17025:2017		
Accreditation Area		General requirements for the competence of testing and calibration laboratories		
Accreditation Standard		ISO/IEC 17025:2017		
CALIBRATION & MEASUREMENT CAPABILITY (CMC)				
CALIBRATION AREA	RANGE & RESOLUTION	EXPANDED UNCERTAINTY (±)	TECHNIQUE. REFERENCE STANDARD. EQUIPMENT	

Thermo-Hygrometer (Humidity)	10 %rH to 95 %rH	1,9%	TH-007: Procedure For Calibration of Meters of Environmental Conditions of Temperature And Humidity In Air, Emf
Thermo-Hygrometer (Temperature)	10 °C to 40 °C	0,3°C	TH-007: Procedure For Calibration of Meters of Environmental Conditions of Temperature And Humidity In Air, Emf
Termocuple- Type K	-50°C to 1000°C	0,58°C	I40: Thermocouple Calibration
Direction of The Wind	0° to 360°	0,1 °	I29: Weather Station Calibration (Wind Direction)
Solar Radiation	100 to 1600 W/m ²	0,5%	I30: Calibration of Weather Station (Solar Radiation)
Environmental and Occupational Vibrometer	16 Hz, 80 Hz, 160 Hz and 636 Hz	0,010 Hz	I39: Environmental And Occupational Vibrometer Calibration
Environmental And Occupational Vibrometer	1 to 10 m/s ² (Axes: X,Y, Z)	0,015 m/s ²	I39: Environmental And Occupational Vibrometer Calibration
Turbidity Meter	10 NTU	0,2 NTU	I38: Turbidimeter Calibration



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Turbidity Meter	20 NTU	0,3 NTU	I38: Turbidimeter Calibration
Turbidity Meter	100 NTU	2 NTU	I38: Turbidimeter Calibration
Turbidity Meter	500 NTU	6 NTU	I38: Turbidimeter Calibration
Turbidity Meter	800 NTU	8 NTU	I38: Turbidimeter Calibration
Turbidity Meter	1000 NTU	15 NTU	I38: Turbidimeter Calibration
Colorimeter - Chlorine	0,2 mg/L	0,03 mg/L	I31: Colorimeter Calibration
Colorimeter - Chlorine	0,5 mg/L	0,03 mg/L	I31: Colorimeter Calibration
Colorimeter - Chlorine	0,9 mg/L	0,03 mg/L	I31: Colorimeter Calibration
Colorimeter - Chlorine	1,5 mg/L	0,03 mg/L	I31: Colorimeter Calibration
Colorimeter - Chlorine	2 mg/L	0,03 mg/L	I31: Colorimeter Calibration
Colorimeter - Chlorine	3 mg/L	0,04 mg/L	I31: Colorimeter Calibration
Colorimeter - Chlorine	4 mg/L	0,2 mg/L	I31: Colorimeter Calibration
Colorimeter - Chlorine	5 mg/L	0,2 mg/L	I31: Colorimeter Calibration
Dissolved Oxygen	0 mg/L to 9,9 mg/L	0,34 mg/L	I32 Dissolved Oxygen Meter Calibration



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<i>Particulate Matter Analyzer By Optical Method (Spectrometer)</i> EDM 180: PM10, PM2,5 and PM1	<i>0,1 to 10 000 µg/m3</i>	<i>2 µg/m3</i>	<i>I33: Calibration of The Grimm Brand Continuous Optical Particle Analyzer</i>
<i>Particulate Matter Analyzer By Optical Method (Spectrometer)</i> EDM 280: PTS, PM10, PM4, PM2,5 and PM1	<i>0,1 to 10 000 µg /m3</i>	<i>2 µg/m3</i>	<i>I33: Calibration of The Grimm Brand Continuous Optical Particle Analyzer</i>
<i>Pressure – Pneumatic (Including Pressure Modules & Pressure Switch)</i>	<i>(-15 to 0) Psi Up to 300 Psi (>300 to 500) Psi</i>	<i>0,0058 Psi</i>	<i>ME-003 Procedure For The Calibration of Pressure Gauges, Vacuum Gauges And Manovacuometers</i>
<i>Barometers & Meteorological Stations</i>	<i>500 mbar to 1100 mbar</i>	<i>0,8 mbar</i>	<i>PC-024: Title: Procedure For Calibration of Absolute Pressure Measurement Instruments (Barometers)</i>
<i>Liquid Column Manometer</i>	<i>0 mmH₂O to 240 mmH₂O</i>	<i>0,2 mm</i>	<i>Me-021: Procedure For Calibration of Manometric And Barometric Liquid Columns</i>
<i>High Volume Particulate Matter Samplers (Hi-Vol) Ventury</i>	<i>0,9 m³ /min to 2,1 m³ /min</i>	<i>0,59%</i>	<i>I43: Calibration of Ventury</i>



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High Volume Variable Flow (Variflow) – Measuring Equipment	0,14 m ³ /min to 2,1 m ³ /min	0,29%	I42: Calibration of Variable Flow (Variflow)
Gas Analyzer – Mercury Concentration	0,1ng/m ³ to 2000ng/m ³	0,2%	I34: Mercury Analyzer Calibration
Anemometers & Air Velocity Meters	0,15 m/s to 5 m/s	0,28 m/s	I35: Calibration of The Weather Station (Wind Speed)
Anemometers & Air Velocity Meters	5,01 m/s to 10 m/s	0,28 m/s	I35: Calibration of The Weather Station (Wind Speed)
Anemometers & Air Velocity Meters	10 m/s to 20 m/s	0,28 m/s	I35: Calibration of The Weather Station (Wind Speed)
Isokinetic Sampler Dry Gas Meter Calibration Factor	Y: 1 ± 0,02 Orifice Pressure Differential ΔH: 46,735 ± 6,4 mm H ₂ O By Flow 8,28 L/min to 29,01 L/min	0,01 to 1 mmH ₂ O	I41: Calibration of Isokinetic
Propeller Current Meters (Current Meters)	0,15 to 4 m/s	0,028 m/s	I37: Calibration of Currentmeters
Rain Gauges – Analog Digital	0 mm to 500 mm	0,2 mm	I36: Calibration of The Weather Station (Precipitation)
Explosimeter: Isobutylene	0 to 200 ppm	2,0%	I13: Gas Analyzer Calibration
Benzene Gas Analyzers	1 to 20 ppm 5ppb to 1000ppb	0,2%	I13: Gas Analyzer Calibration

Note: The uncertainty covered by the CMC shall be expressed as the expanded uncertainty having a coverage probability of approximately 95%



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