Hellenic Accreditation System

Annex F2/8 to the Certificate No. **1120**-3

SCOPE of ACCREDITATION

of the

Laboratory of Thermal Turbomachines (LTT)

of the

School of Mechanical Engineering

of the

National Technical University of Athens

for the performance of calibrations

Calibration item / Parameters	Range of measurement	Expanded measurement uncertainty (k=2)*	Remarks
Flow rate measurements			
Gas flow meters of type: - Diaphragm - Rotary - Turbine			Calibration according to: OIML R 137:2012 (E) EN 1359: 2017 EN 12480:2018 EN 12261:2018 Calibration medium: air at atmospheric conditions.
	0,006 m^3/h to 0,04 m^3/h	0,63 %	Using drum type gas flow master meter.
	0,04 m^3/h to 0,1 m^3/h	0,79 %	
	0,1 m^3/h to 0,36 m^3/h	0,38 %	
	0,16 m^3/h to 0,25 m^3/h	0,65 %	Using rotary type gas flow master meters.
	0,25 m^3/h to 0,65 m^3/h	0,50 %	
	0,65 m^3/h to 1600 m^3/h	0,35 %	

** Where uncertainty (with a probability of 95% coverage) is accompanied by the corresponding unit, it is absolute, while where it is not accompanied by a unit, it is relative.*

Calibration & Measurement Capability (CMC), includes the measured quantity, measurement range and measurement uncertainty and expresses the smallest measurement uncertainty that can be achieved during a calibration.

Permanent laboratory premises address: **9, Iroon Politechniou str., 157 80 Zografou Campus, Zografou, Attiki, Greece.**

Approved signatories: **Konstantinos Mathioudakis, Nikolaos Aretakis.**

This Scope of Accreditation replaces the previous one dated 25.01.2024.
The Accreditation Certificate No.**1120**-2 to ELOT EN ISO/IEC 17025:2017, has been extended according to ESYD's decision and it is valid until 28.09.2026.

Athens, 17.03.2026

Konstantinou Evangelos Apostolos
CEO of ESYD