Hellenic Accreditation System

Annex F1/13 to the Certificate No. **446**-5

SCOPE of ACCREDITATION

of the

Atmospheric Chemistry and Innovative Technologies Lab - AirTec

of the

Institute of Nuclear, Radiological Sciences and Technology, Energy and Safety

of the

National Center for Scientific Research "Demokritos"

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Sampling and Physical tests		
1. Ambient Air	1. Sampling and determination of PM10 or PM 2.5 particles	ELOT EN 12341: 2023
	2. Determination of poly aromatic hydrocarbons – collection on sorbent backed filters with gas chromatographic – mass spectrometric analysis	ISO 12884: 2000
	3. Sampling and analysis of volatile organic compounds (benzene) - Indoor, ambient and workplace air	EN ISO 16017-1:2000
	4. Measurement of the concentration of benzo[a]pyrene in ambient air	EN 15549:2008
2. Stack emissions from stationary sources	Determination of gas and particle-phase polycyclic aromatic hydrocarbons (PAHs)	ELOT ISO 11338-2:2003
3. Atmospheric particulate matter	Determination of NO_3^-, SO_4^{2-}, Cl^-, NH_4^+, Na^+, K^+, Mg^{2+}, Ca^{2+}	In house method (OE-1-ions)
4. Photocatalytic materials	Photocatalysis - Continuous flow test methods - Part 1: Determination of the degradation of nitric oxide (NO) in the air by photocatalytic materials	ELOT EN 16980-1:2022

Site of assessment: **NCSR "Demokritos", Building 17, Aghia Paraskevi, Attiki, Greece.**
Approved signatories: **T. Maggos.**

This Scope of Accreditation replaces the previous one dated 17.07.2024
The Accreditation Certificate No. **446**-5, to ELOT EN ISO/IEC 17025:2017, is valid until 23.10.2029

Athens, 23.10.2024

Konstantinos Kourtalis
Chairman of ESYD