Hellenic Accreditation System S.A.

Annex F1/23 to the Certificate No. **412**-6

SCOPE of ACCREDITATION

of the
Laboratory
of the
ENVIROMETRICS S.A

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
Sampling and Physical / Chemical tests		
Stack emissions from stationary sources	1. Sampling and determination of mass concentration of particulate matter	EN 13284-1:2017 ISO 9096:2017
	2. Sampling and determination of emissions PM10 particles	EN 13284-1:2017 ISO 9096:2017
	3. Measurement of velocity and volume flow rate of gas streams in ducts	ISO 10780:1994 EN ISO 16911-1:2013
	4.Determination of the water vapour in ducts	EN 14790:2017
	5. Sampling and determination of total organic carbon (TOC)	EN 12619:2013
	6. Sampling and determination of concentration of oxides of Nitrogen (NO_x)	EN 14792:2017
	7. Determination of volume concentration of oxygen (O_2)	EN 14789:2017
	8. Determination of the mass concentration of carbon monoxide (CO)	EN 15058:2017
	9. Determination of carbon monoxide (CO), carbon dioxide (CO_2) and oxygen (O_2)	ISO 12039:2019
	10. Determination of the mass concentration of sulfur dioxide (SO_2)	ISO 7935:2024

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
	11. Determination of the mass concentration of dinitrogen monoxide (N_2O)	EN ISO 21258:2010
	12. Determination of the mass concentration of nitrogen oxides (NOx)	ISO 10849:2022
	13. Optical estimation of darkness of smoke evolving from chimney with use of RINGLEMANN chart	ΕΛΟΤ 815:1986
	14.Validation and performance test of automatic measurement systems*	Quality assurance of automated measurement systems according to EN 14181:2014, QAL2 and AST
	15.Sampling and determination of odour concentration by dynamic Olfactometry and odour emission rate	EN 13725:2022 VDI 3880:2011
	16. Automatic method for the determination of the methane concentration using flame ionisation detection (FID)	ISO 25140:2010
	17. Determination of the volume concentration of carbon dioxide – Reference Method: Infrared Spectrometry	CEN/TS 17405:2020
	18. Determination of PM10/PM2,5 mass concentration in flue gas - Measurement at low concentrations by use of impactors	EN ISO 23210:2009
Ambient Air	1. Determination of the PM10 or PM 2,5 fraction of suspended particulate matter. Reference method and field test procedure to demonstrate reference equivalence of measurement methods.	EN 12341:2023
	2. Measurement and assessment of environmental noise emitted from facilities and other sources (dB)	ISO 1996-1:2016 ISO 1996-2:2017
	3. Sampling and determination of odour concentration by dynamic Olfactometry	EN 13725:2022
	4. Determination of odour in ambient air by using field inspection – Part 2 Plume Method	EN 16841-2:2016
Workplace Atmosphere	1.Determination of inhalable and respirable dust	EN 481:1993 EN ISO 13137:2022
	2. Measurement and assessment of emitted workplace noise from facilities and other sources (dB)	ISO 11201:2010

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
Wastes	1. Determination of pH	EN 13037:2011
	2. Determination of electrical conductivity	EN 13038:2011
Sampling		
Stack emissions from stationary sources	1. Sampling for the determination of As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Tl and V	EN 14385:2025
	2. Sampling for the determination of PCDDs/PCDFs and dioxin-like PCBs	EN 1948-1:2006 EN 1948-4:2010+A1:2013
	3. Sampling for the determination of PAHs	ISO 11338-1:2003
	4. Sampling for the determination of HCl	EN 1911:2010
	5. Sampling for the determination of gaseous fluorine compounds HF	ISO 15713:2006
	6. Sampling for the determination of SO_2 (as included in the reference method).	EN 14791:2017
	7. Sampling for the determination of total Hg	EN 13211:2001 / AC:2005
	8. Determination of the mass concentration of individual gaseous organic compounds (VOCs)	CEN/TS 13649:2014
	9. Sampling for the determination of the mass concentration of ammonia	EN ISO 21877:2019
	10. Determination of mass concentration of fluorinated compounds expressed as HF- Standard reference method	CEN/TS 17340:2020
	11. Determination of PM10/PM2,5 mass concentration in flue gas - Measurement at low concentrations by use of impactors	EN ISO 23210:2009
Ambient Air	1. Measurement of Pb, Cd, As and Ni in the PM10 fraction of suspended particulate matter (Standard method)	EN 14902:2005
	2. Measurement of the concentration of benzo(a)pyrene (Standard method)	EN 15549:2008
	3. Sampling for the determination of PCDDs/PCDFs and PCBs in Ambient Air	EPA TO-9A
Workplace Atmosphere	1. Sampling and determination of volatile organic compounds (VOCs)	NIOSH 1500 NIOSH 1501 EN 689:2018+AC:2019

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
Indoor air	1. Determination of formaldehyde and other carbonyl compounds in indoor and test chamber air — Active sampling method	ISO 16000-3:2022
	2. Determination of organic compounds (VVOC, VOC, SVOC) in indoor and test chamber air by active sampling on sorbent tubes, thermal desorption and gas chromatography using MS or MS FID	ISO 16000-6:2021
Indoor, ambient and workplace air	Sampling and analysis of volatile organic compounds by sorbent tube/thermal desorption/capillary gas chromatography — Part 1: Pumped sampling	ISO 16017-1:2000
Wastes	1. Sampling of waste materials for characterization of wastes	EN 14899:2005 CEN/TR 15310-1, 2, 3, 4, 5:2006

** Refers to the accredited tests of the present scope*

Site of assessment: **Permanent laboratory premises, 3 Kodrou str, Chalandri 15232, Greece.**
Approved signatories: **A. Siskos, V. Sideri, K. Platymesi, A. Angelis, K.Karapas.**
This Scope of Accreditation replaces the previous one dated 29.08.2024.
The Accreditation Certificate No. **412**-6, to ELOT EN ISO/IEC 17025:2017, is valid until 11.02.2029.

Athens, 18.05.2026

Konstantinou Evagelos-Apostolos
CEO of E.SY.D.