Hellenic Accreditation System

Annex F1/13 to the Certificate No.792-5

SCOPE of ACCREDITATION

of the

Laboratory

of the

TERRA NEUTRAL, P.C.

Environmental Services and Measurements

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
	Sampling and Physical/Chemical tests	
Stack emissions from stationary sources	Sampling for the determination of Volatile Organic Compounds	CEN/TS 13 649:2014 J.M.D. 36 060/1155/E.103/2013
	Isokinetic sampling and determination of mass concentration of particulate matter	ISO 9096:2017 EN 13 284-01:2017 ISO 10 780:2006
	Determination of water vapour	EN 14 790:2017 ISO 10 780:2006
	Sampling and determination of the mass concentration of total organic carbon (TOC) and total volatile organic compounds (expressed as TOVC) using a flame ionization detector.	EN 12 619:2013 EN 15 259:2007 J.M.D. 36 060/1155/E.103
	Isokinetic sampling for the determination of the total emission of the metals As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Ti and V and Hg	ELOT EN 14 385:2004 EN 13 211:2001/AC:2005
	Sampling and determination of gas emission concentrations (NOx, CO, CO_2)	EN 15 058:2017 EN 14 792:2017 ISO 12 039:2019
Indoor air quality, workplace air quality	Active sampling of metals to workplace atmospheres and other indoor air places	EN 482:2021 EN ISO 13 137:2022 NIOSH 7300

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
Indoor air quality, workplace air quality	Air sampling for the determination of airborne fibre number concentrations	WHO :1997, Determination of airborne fibre number concentrations a recommended method, by Phase-Contrast Optical Microscopy (Membrane Filter Method). HSG248 J.M.D. 4229/395/2013 P.D. 212/2006 P.D. 399/1994, as revised by P.D. 43/2003, P.D.127/2000, P.D. 26/2020
	Determination of suspended particles (inhalable and respirable suspended particles)	ELOT EN 481:1993 EN 482:2021 EN ISO 13 137:2022 ISO 15 767:2009 MDHS 14/4 NIOSH 0500 NIOSH 0600
	Active sampling of volatile organic compounds (VOCs) to workplace atmospheres and other indoor air places	MDHS 96 NIOSH 1500 NIOSH 1501 NIOSH 1003 ISO 16 000-6:2021
Air quality	Standard gravimetric measurement method for the determination of the PM10 and PM2.5 mass concentration of suspended particulate matter	EN 12 341:2023
Water, waste, soil	Determination of pH	ISO 10 523:2008 ISO 10 390:2021
	Acoustic tests	
Air quality	Environmental noise – Determination of environmental noise levels	ISO 1996-1:2016 ISO 1996-2:2017
Workplace air quality	Determination of occupational noise exposure using sound level meter – sound dose meter	EN ISO 9612:2009
	Sampling	
Soil	Soil sampling	ISO 18 400-101:2017 ISO 18 400-102:2017

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
		ISO 18 400-104:2018 ISO 18 400-202:2018 ISO 18 400-203:2018 ASTM E 1527-2021
Water – Wastes (wastewater, solid wastes, sludges)	Water and waste sampling	EN 14 899:2005 CEN/TR 15 310-1:2006 CEN/TR 15 310-2:2006 CEN/TR 15 310-3:2006 ISO 5667-1:2023 ISO 5667-4: 2016 ISO 5667-5: 2006 EN ISO 5667-6:2016/A11:2020 ISO 5667-9:1992 ISO 5667-10: 2020 ISO 5667-11:2013 ISO 5667-13:2011 ISO 5667-15:2009
	Other tests	
Stack emissions from stationary sources	Quality assurance of automated measuring systems of particulate matter	EN 14 181:2014, QAL2 and AST

Site of assessment: P**ermanent laboratory premises, 39 Kaisareias, GR 11527, Athens, Greece**

Approved signatories: **Argyro Lagoudi, Stavroula Chandrinou.**

This Scope of Accreditation replaces the previous one dated 16.07.2024.

The Accreditation Certificate No.792-5, to ELOT EN ISO/IEC 17025:2017, is valid until 05.01.2029.

Athens, 23.07.2024

Christos Nestoras

CEO of E.SY.D