Hellenic Accreditation System

Annex F1A/165 to the Certificate No.**751**-5

SCOPE of ACCREDITATION

of the

Measurements and Calibration Laboratory

of

ESTIA Consulting & Engineering S.A.

for the performance of environmental measurements and sampling

Tested materials/ products	Types of test/ Properties to be measured	Applied Standards/ Techniques to be used
Sampling Sampling		
1. Stack emissions from stationary sources	1. Sampling for the Determination determination of the mass concentration of individual gaseous organic compounds	TSI 13649:2014
	2. Sampling for the determination of mass concentration of gaseous chlorides expressed as HCl Sampling for the determination of HCl	EAOT ELOT EN 1911:2010
	3. Sampling for the determination of mass concentration of gaseous fluorine compounds	ISO 15713:2006
	4. Sampling for the determination of the total emission of As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Ti, V and Fe.	ELOT EN 14385:2004*
	5. Sampling for the determination of mass concentration of NO_x	US EPA Method 7D (as in force)

Tested materials/ products	Types of test/ Properties to be measured	Applied Standards/ Techniques to be used
	6. Sampling for the determination of of mass concentration of- SO_2	EN14791:2017
	Sampling and Physical tests	
2. Stack emissions from stationary sources	1. SIsokinetic sampling and determination of -mass concentration of particulate matterparticulate patter	EN13284-1:2017 ISO 9096:2017
	2. Measurement of velocity and volume flow rate of gas streams in ductsSampling and measurement of velocity and volume flow rate of effluent gas	ISO 10780:1994
	3. Determination of the water vapour in ductsSampling and determination of humidity	EN14790:2017
	4. Determination of smoke spot number Sampling and determination of Bacharach soot number	ELOT 525.1:1980

EN 14385:2004 is obsolete, as it has been replaced by EN 14385:2025, at the request of the laboratory.

Site of assessment: **Laboratory permanent premises, 1st km Thermi-Makedonia Airport, P.O.Box 60649, 57001 Thermi-Thessaloniki, Greece**.

Approved signatories: **D. Konstantinidis, I. Hatzidimitriou, D. Mavrodis**

The assessment for the test and sampling actrivities stack emissions was made according to the requirements of ELOT ISO/IEC 17025:2005 as further specified in **ELOT CEN/TS 15675:2008**.
This Scope of Accreditation replaces the previous one dated 25.04.202509.01.2024.
The Accreditation Certificate No.**751**-5 to ELOT EN ISO/IEC 17025:2017, is valid until 19.06.2028.

Athens, 25xx.04xx.202619.10.20265

Konstantinou Evaggelos-Apostolos
CEO of ESYD

Hellenic Accreditation System

Annex F1B/13 to the Certificate No. **751**-5

SCOPE of ACCREDITATION

of the

Measurements and Calibration Laboratory

of

ESTIA CONSULTING AND ENGINEERING S.A.

for the performance of wind tests

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Wind Measurements		
Wind Potential intended for the estimation of wind turbine generator performance	Wind speed (m/s)	IEC 61400-50-1:2022 In house method TPRN-01
	Wind Direction (Deg.)	IEC 61400-50-1:2022 In house method TPRN-01

Site of assessment: **Permanent laboratory premises, 1st km. Thermi - "Makedonia" Airport Road, GR-570 01 Thermi - Thessaloniki, Greece, and installation field of meteorological mast.**

Approved signatories: **Katsanevaki Eleni, , Souleimanis Konstantinos, Raptopoulos Anastasios,Tifkitsis Konstantinos.**

This Scope of Accreditation replaces the previous one dated 09.01.2024.
The Accreditation Certificate No.**751**-5, to ELOT EN ISO/IEC 17025:2017, is valid until 19.06.2028.

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-Athens, 25.04.2025

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Konstantinou Evaggelos-Apostolos
CEO of ESYD