Hellenic Accreditation System

Annex F2/5 to the Certificate No. **1155**-3

SCOPE of ACCREDITATION

of the

Tank Volume Calibration Laboratory

of

TEKAT LTD

Calibration item/ Measurand	Range of measurement	Calibration & Measurement Capability (k=2)*	Remarks
Volume measurements			
Liquid volume/ Fixed metal storage tanks: - Horizontal cylindrical - Orthogonal	[3 m^3 to 50 m^3)	0,13 % of nominal tank volume	Volumetric method according to: EURAMET cg-21 «Guidelines on the Calibration of Standard Capacity Measures Using the Volumetric Method», ver. 2.0 (05/2020) Calibration medium: Tap water Calibration is performed on site
	[50 m^3 to 100 m^3)	0,11 % of nominal tank volume	
Liquid Volume/ Road tankers	[1 m^3 to 10 m^3)	0,14% of nominal tank volume	Volumetric method according to: EURAMET cg-21 «Guidelines on the Calibration of Standard Capacity Measures Using the Volumetric Method», ver. 2.0 (05/2020) OIML R80-2: 2017 «Road and rail tankers with level gauging – Part 2 Metrological controls and tests», 2017, Annex B Calibration medium: Tap water. Calibration is performed in laboratory premises.
	[10 m^3 to 50 m^3)	0,12 % of nominal volume	

**Where uncertainty is accompanied by the corresponding unit, it is absolute, while where it is not accompanied by a unit, it is relative. All uncertainty values refer to the nominal tank volume.*

Site of assessment: **Permanent laboratory premises, lroon Politechniou Ave. 118, 19300 Neoktista Aspropyrgos, Attica, Greece**

Approved Signatories: **M. Zervakis**

This Scope of Accreditation replaces the previous one dated 14.02.2023.
The Accreditation Certificate No. **1155**-3, to ELOT EN ISO/IEC 17025: 2017, is valid until 17.02.2028.

Athens, 23.06.2023

Christos Nestoras
CEO of ESYD