Hellenic Accreditation System

Annex F2/8 to the Certificate No.**983**-3

SCOPE of ACCREDITATION

of the

Calibration Laboratory
CALIBRATION & TESTING GLOBETECH LABORATORIES S.A.

Measurand / Calibration item	Range of measurement	Uncertainty* (Confidence level 95%)	Remarks
Force Measurements			
Compression testing machines	[200 kN to 2000 kN] (2000 kN to 3000 kN]	0,17 % 0,45 %	ISO 7500-1:2018 Class 1 machines. Calibration is performed on-site.
Compression testing machines:			EN 12390-4:2019 Calibration is performed on-site.
- Force transfer	Force ratio at applied force 200 kN to 3000 kN	0,01	
- Force rate	1 kN/s to 100 kN/s	1%	
- Flatness of machine plates	Go-NoGo 30 μm	4,3 μm	
- Hardness of machine plates	27 HRC to 67 HRC	2,3 HRC	
- Roughness of machine plates	Ra: 0,4 μm to 3,2 μm	0,032 μm to 0,12 μm	
Torque wrenches	3,5 Nm to 700 Nm	0,6 %	ISO 6789-1:2017 ISO 6789-2:2017 using torque measurement system.
Dimensional Measurements			
Calipers, analog / digital	0 mm to 300 mm	0,6 x d d: instrument division in μm d ≥ 10 μm	VDI 2618-9.1: 2006

* *Where uncertainty is accompanied by the corresponding unit, it is absolute, while where it is not accompanied by a unit, it is relative.*

Site of assessment: **Permanent laboratory premises, Riga Fereou 11, 12462 Chaidari, Athens, Greece**
Approved Signatories: **M. Avraam, N. Stathatos, C. Geros.**

This scope of Accreditation replaces the previous one dated June 2nd, 2023.
The Accreditation Certificate No. **983**-3, to ELOT EN ISO/IEC 17025:2017, is valid until 07.06.2028.

Athens, July 7th, 2023

Christos Nestoras
CEO of ESYD