Hellenic Accreditation System

Annex F2/5 to the Certificate No. **1260**-2

SCOPE of ACCREDITATION
of the
Calibration Laboratory
of the
Section Laboratories and Radios / Network Department
of
HEDNO - HELLENIC ELECTRICITY DISTRIBUTION NETWORK OPERATOR

Calibration item/ Parameters	Range of measurement	Expanded Measurement Uncertainty (k=2)*	Remarks
Electrical Measurements			
Power meters / Active power	Voltage: up to 400 V Current: [5 mA to 50 mA] (50 mA to 10 A) [10 A to 120 A] cosφ = 1 / 0,5 1 ή 3 Phase - 50 Hz cosφ = 1 / 0,5i / 0,8c 2 Phase / 3 wire - 50 Hz	0,012 %* / 0,023%** 0,009 %* / 0,023%**	EN 62052-11: 2020 EN 62053-21: 2020 EN 62053-22: 2020 * using reference standard ZERA COM3003 ** using working standard ISKRA TEMP-100S
Power meters / Reactive power	Voltage: up to 400 V Current: [5 mA έως 100 mA] (100 mA έως 10 A) [10 A έως 120 A] sinφ = 1 / 0,5 **1 ή 3 Phase - 50 Hz**	0,012 %* / 0,023%** 0,009 %* / 0,023%**	EN 62052-11: 2020 EN 62053-23: 2020 * using reference standard ZERA COM3003 ** using working standard ISKRA TEMP-100S
Current transformers / - Ratio error - Phase displacement	Primary: 0 to 1000 A Secondary: 1 to 5 A Excitation: 200%, 120%, 100%, 80%, 20%, 5%, 1% Frequency: 50 Hz	0,03 % 1,5 min of arc	IEC 61869-1: 2023 IEC 61869-2: 2012
Voltage Transformers /	Primary: 15 to 22 kV		IEC 61869-1: 2023

Calibration item/ Parameters	Range of measurement	Expanded Measurement Uncertainty (k=2)*	Remarks
- Ratio error - Phase Displacement	Secondary: 100 V, 110 V, 110/√3 V, 100/√3 V Excitation: 120%, 100%, 80% Frequency: 50 Hz	0,03 % 1,5 min of arc	IEC 61869-3: 2011

* *Where the expanded uncertainty (with coverage probability 95 %) is accompanied by the corresponding unit, it is absolute, while where it is not accompanied by a unit, it is relative.*

The Calibration & Measurement Capability (CMC) includes the measurand, the measurement range and the measurement uncertainty and expresses the smallest measurement uncertainty that can be achieved in a calibration.

Permanent laboratory premises address: **70 Agias Annis str, 122 41 Egaleo, Attiki, Greece**
Approved Signatories: **Konstantinos Kalatzis, Apostolos Papadopoulos, Vasileios Aktupis, Anastasios Oikonomou.**

This scope of Accreditation replaces the previous one dated 05.06.2025.
The Accreditation Certificate No. **1260**-2, to ELOT EN ISO 17025:2017, is valid until 24.06.2030.

Athens, 31.10.2025

Konst
antinou Evangelos Apostolos
CEO of ESYD