

CYPRUS ORGANIZATION FOR THE PROMOTION OF QUALITY
CYPRUS ACCREDITATION BODY



ACCREDITATION CERTIFICATE no. L032-3

The Board of Governors
of the Cyprus Organization for the Promotion of Quality
acting as the authorized Cyprus Accreditation Body
according to the Article 7 of the Law 156(I)/2002

grants accreditation to the

Calibration Laboratory
MRTC – Meter Repair & Testing Centre
of the
EAC – Electricity Authority of Cyprus

in Nicosia

which has been assessed according to the Accreditation Criteria for
Calibration Laboratories as defined in the standard

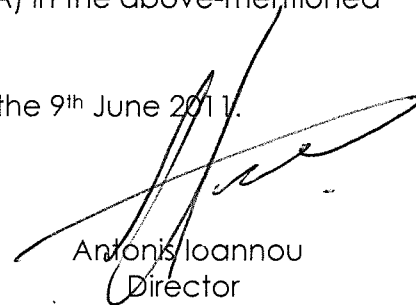
CYS EN ISO/IEC 17025:2017

as **competent to perform the Methods** defined in the Scope of Accreditation
Scope referred to in the **Annex** of this certificate; the said Annex represents
inextricable part of the certificate. The **Accreditation Scope** can only be
modified after a decision of the Cyprus Accreditation Body.

The current Accreditation Certificate, no. **L032-3**, is valid from the **9th of June
2019 till the 8th of December 2023**.

Cyprus Accreditation Body is a signatory to the European co-operation for
Accreditation (EA) Multilateral Agreement (MLA) in the above-mentioned
field

Accreditation was granted for the first time on the 9th June 2011.



Antonios Ioannou
Director

Date: 9 June 2023

*This laboratory is accredited in accordance with the recognised International
Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence
for a defined scope and the operation of a laboratory quality management System
(ISO-ILAC-IAF Communiqué, 04/2017).*



Annex
of the Accreditation Certificate number L032-3

Scope of Accreditation
of the
MRTC – Meter Repair & Testing Centre
of the
EAC – Electricity Authority of Cyprus

Valid as from the 9th of June 2019

From 15th of July 2021, Standard CYS EN ISO/ IEC 17025:2017 applies, in replacement of the 2005 edition.

Measurand	Range of Measurement	Calibration & Measurement Capability (k=2)*	Applicable Standards	Laboratory Equipment
Active Power/Energy (3Phase - 50 Hz)	2W - 460W (cosφ=1) 460W – 69kW (cosφ=1) 3W – 55,2kW (cosφ=0,8c) 2W - 460W (cosφ=0,5i) 460W - 34,5kW (cosφ=0,5i)	0,10% 0,06% 0,06% 0,17% 0,12%	EN 62052-11 EN 62053-11 EN 62053-21 EN 62053-22 EN 50470-1 EN 50470-2	MTE SRS200.3
Reactive Power/Energy (3Phase – 50 Hz)	3var - 460var (sinφ=1) 460var – 69kvar (sinφ=1) 3var - 460var (sinφ=0,5) 460var – 34,5kvar (sinφ=0,5) 5var - 476var (sinφ=0,25)	0,17% 0,12% 0,45% 0,24% 0,39%	EN 62052-11 EN 62053-23	MTE SRS200.3
Apparent Power/Energy (3 Phase – 50 Hz)	2VA – 460VA 460VA – 69kVA	0,10% 0,06%	EN 62052-11 EN 62053-11 EN 62053-21 EN 62053-22 EN 50470-1 EN 50470-2	MTE SRS200.3
Active Power/Energy (1Phase - 50 Hz)	58W - 23kW (cosφ=1) 92W - 18,4kW (cosφ=0,8c) 58W – 11,5kW (cosφ=0,5i)	0,23% 0,29% 0,45%	EN 62052-11 EN 62053-11 EN 62053-21 EN 62053-22 EN 50470-1 EN 50470-2	MTE SRS121.3
Reactive Power/Energy (1Phase - 50 Hz)	58var - 23kvar (sinφ=1) 58var - 11,5kvar (sinφ=0,5)	0,46% 0,92%	EN 62052-11 EN 62053-23	MTE SRS121.3
Active Power/Energy (1/3 Phase - 50 Hz)	1,1W - 9,2W (cosφ=1 / 0,5i / 0,8c) 9,2W - 82,8kW (cosφ=1 / 0,5i / 0,8c)	0,018% 0,013%	EN 62052-11 EN 62053-11 EN 62053-21 EN 62053-22	MTE K2006

Measurand	Range of Measurement	Calibration & Measurement Capability (k=2)*	Applicable Standards	Laboratory Equipment
			EN 50470-1 EN 50470-2	
Reactive Power/Energy (1/3 Phase - 50 Hz)	1,1var - 11var (sinφ=1 / 0,5i / 0,5c) 11var - 82,8kvar (sinφ=1 / 0,5i / 0,5c)	0,018% 0,013%	EN 62052-11 EN 62053-23	MTE K2006
Apparent Power/Energy (1/3 Phase - 50 Hz)	2,3VA - 11,5VA 11,5VA - 82,8kVA	0,018% 0,013%	EN 62052-11 EN 62053-11 EN 62053-21 EN 62053-22 EN 50470-1 EN 50470-2	MTE K2006

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

Authorised person to sign test reports and certificates are Mr. Costas Christou and Mr. Antonis Mylonas.

General Remarks

Site of assessment: **Permanent laboratory premises, Meteoron 1, Strovolos, Cyprus.**



Antonis Ioannou
Director

Date: 9 June 2023