

EPRO Gallspach GmbH

> high standards in high voltage <



CALIBRATION SERVICE

according to EN ISO / IEC 17025



Accuracy measurement
for voltage and current transformers

Calibration service by EPRO Gallspach GmbH

Since 2010 EPRO Gallspach GmbH is accredited calibration authority according to **EN ISO / IEC 17025** standard, for voltage and current transformers (accuracy measurement).

More and more European and international customers are processing their recalibration activities via EPRO Gallspach GmbH.

The main issue on calibration is, that the customer has to give a needed measuring device out of its hands and this means a loss of productivity. EPRO is focusing on this point and offers a very fast calibration process.

Compared to governmental calibration organizations, we at EPRO guarantee the customer, that the calibration will be done at least in 5 working days, in most of the cases even faster. This saves the customer time.

The EPRO calibration service is fully fulfilled under the standard EN ISO / IEC 17025 and fully traceable to the Austrian Metrologic Institute BEV and the German Metrologic Institute PTB. Due to the mutual recognition agreement (ILAC), the calibration certificates are worldwide valid.



Worldwide valid calibration certificates due to ILAC



Since June 2020, Epro Gallspach GmbH is officially authorized to Display the ILAC MRA* mark.

As well as the Accreditation Austria mark, the ILAC MRA mark will be displayed on our calibration test reports.

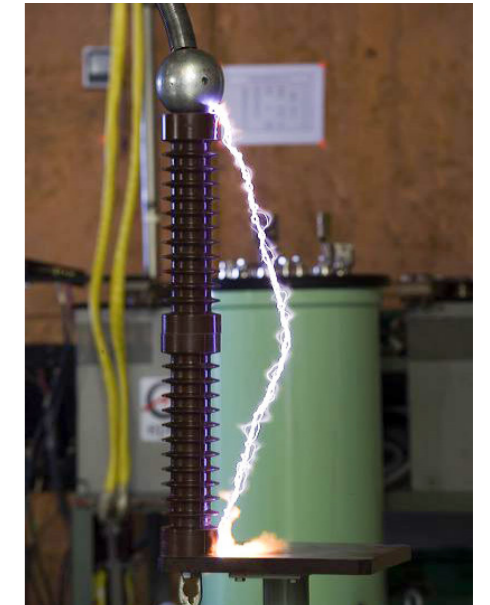
The ILAC MRA logo identifies international recognized calibration authorities.

Scope of accreditation- Accuracy measurement

Measurement subject	Measuring range	Measurement conditions or measurement sequence	Uncertainty related to the measured value (best possible)	Remarks
Voltage Transformer	Voltage error: 0% to ≤ 2% Phase displacement: 0' to ≤ 60'	Primary: 50V to 500000/√3 V Secondary: 100V to 110 V 100/√3 V to 220/√3 V Frequency: 50 Hz and 60 Hz	50V to 40 kV Voltage error: ±0,006 % Phase displacement δ: ± 0,4 ' ≥ 40 kV to 500/√3kV Voltage error: ±0,011 % Phase displacement δ: ± 0,5 '	Please see remark below
Current Transformer	Voltage error: 0% to ≤ 2% Phase displacement: 0' to ≤ 60'	Primary: 1A to 3000A Secondary 1A to 5 A Rating factor: RF 1.2 2.0 Frequency: 50 Hz and 60 Hz	Current error: ±0,006 % Phase displacement δ: ± 0,4 '	Please see remark below

Remark for Voltage & Current Transformer:

The given extended measurement uncertainty corresponds to the double standard deviation (k=2) what means for a normal distribution a degree of confidence of approximately 95%. The standard deviation was determined in accordance to document EA-4/02.



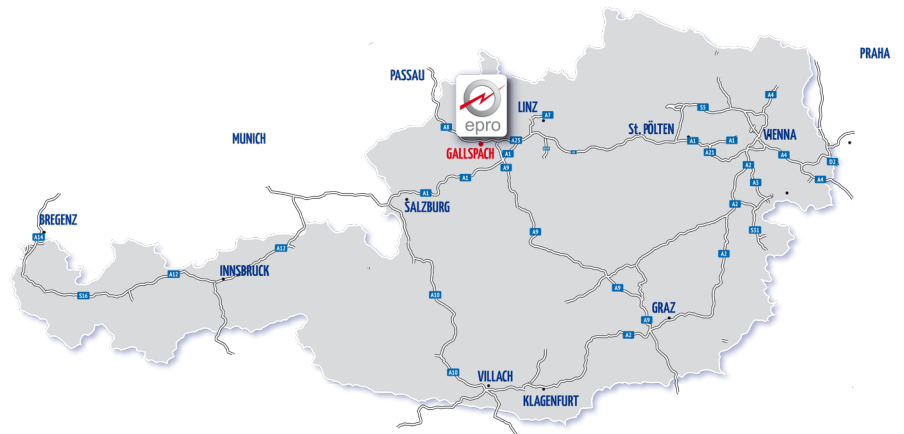
*The ILAC - International Laboratory Accreditation Cooperation- is the international organisation for accreditation bodies operating in accordance with ISO/IEC 17011 and involved in accreditation of conformity assessment bodies including calibration laboratories (using ISO/ IEC 17025), testing laboratories (using ISO/IEC 17025), medical testing laboratories (using ISO 15189), inspection bodies (using ISO/ IEC 17020) and proficiency testing providers using ISO/IEC 17043.

For further information, please don't hesitate to contact us via:

EPRO GALLSPACH GMBH
Styriastraße 2
A-4713 Gallspach

eproofice@epro.at
T: +43 (0) 7248 68462-0
F: +43 (0) 7248 68462-37

www.epro.at



You can also find us on:

