

CALIBRATION OF HV MEASURING SYSTEMS AND PD CALIBRATORS

Importance of calibration

The most common question that laboratory staff faces from their customers is: „*Is your equipment calibrated?*“ following by „*Is it calibrated in an accredited laboratory?*“.

Calibration in accredited laboratory ensures the reliability of measuring equipment as well as traceability to national and international standards. HV measuring systems are calibrated according to the requirements of IEC 60060-2 and PD calibrators according to the requirements of IEC 60270. IEC standards recommend an annual performance check and a performance test every five years.

Accreditation

Laboratory Center of KONČAR – Electrical Engineering Institute Inc. is accredited by the Croatian Accreditation Agency (HAA) in accordance with HRN EN ISO/IEC 17025 for the scope of calibration specified in the Accreditation Certificate No. 2057, covered by EA-MLA.

HAA is a signatory to the multilateral agreement of the European Co-Operation for Accreditation (EA) and International Laboratory Accreditation Cooperation (ILAC).

Our approach

High Voltage Laboratory uses HV measuring systems and instruments calibrated in accredited laboratories and traceable to national and international standards. Both performance checks and performance test can be performed. Over 65 years of experience and worldwide references in high voltage testing and calibration confirms the competence of providing laboratory and on-site calibration services using modern test and measurement equipment.



Our services

High Voltage Laboratory offers:

- calibration of complete measuring systems for AC, DC and impulse voltages
- calibration of components of measuring systems (voltmeters, peak voltmeters, dividers) in collaboration with our Calibration laboratory
- calibration of PD calibrators (charge, rise -time, repetition frequency)

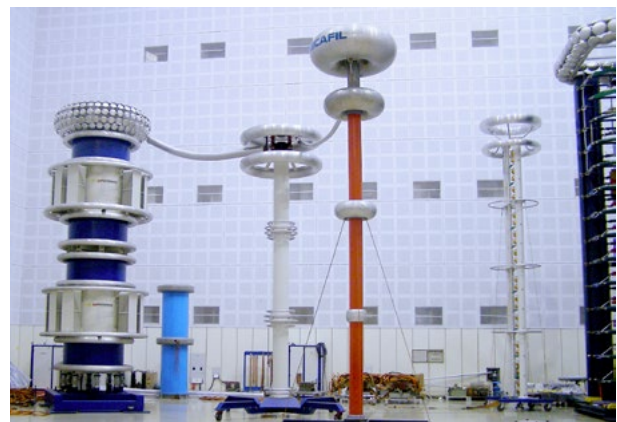
Calibration of HV measuring systems capability:

- AC voltages up to 1000 kV
- DC voltage up to 1000 kV
- Lightning impulse voltages up to 2500 kV
- Switching impulse voltages up to 2500 kV

Calibration can be performed in High Voltage Laboratory or on-site.



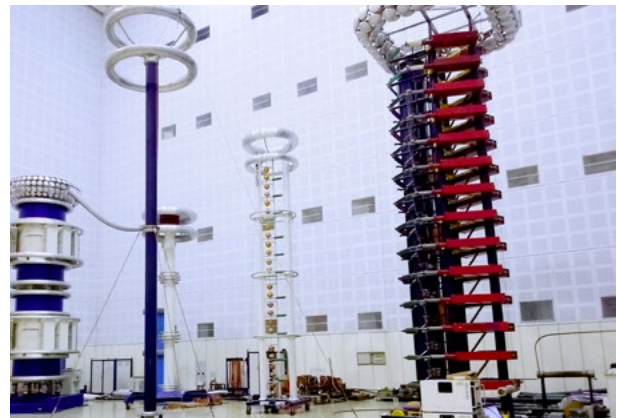
Calibration of PD calibrator



Calibration of AC measuring system 800 kV



Calibration of DC measuring system 1000 kV



Calibration of Impulse measuring system 2400 kV

Contact us for more information!



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