

List of activities within the flexible scope of accreditation

Accredited Body: EGU - HV Laboratory a.s.

CAB Name: EGU HV LABORATORY

CAB Number: 1029

Certificate of Accreditation No.: 8/2025

Field of Accreditation: Testing laboratory – ČSN EN ISO/IEC 17025:2018

Updated: 13.10. 2025

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
3.10	Tests with lightning impulse voltage	IEC 61325, cl. 14	Ceramic or glass insulators	A, D
1.1	DC voltage tests	IEC 61325, cl. 15	Equipment with highest voltage for equipment above 1 kV	A, D
10.1	Impulse voltage puncture test and alternating voltage test	IEC 61325, cl. 17	Insulators	A, D
18.4	Verification of dimensions, displacement, contact angle and locking systems	IEC 61325, cl. 22, 27, 28	Ceramic or glass insulators	A, D
14.3	Mechanical force tests (tension, bending, impact)	IEC 61325, cl. 23, 24, 26, 35	Ceramic or glass insulators	A, D
16.2	Thermal - mechanical tests	IEC 61325, cl. 25	Ceramic or glass insulators	A, D
17.2	Temperature cycle tests	IEC 61325, cl. 29, 30	Ceramic or glass insulators	A, D
13.2	Test for the core material (dye penetration test and water diffusion test)	IEC 61325, cl. 31	Ceramic or glass insulators	A, D
20.1	Determination of the coating mass by the magnetic test method	IEC 61325, cl. 32	Ceramic or glass insulators	A, D
14.8	Mechanical force tests (tension, bending, impact)	IEC 61462, cl. 8.5	Composite hollow insulators Composite hollow core station post insulators	A, D
8.6	Measurement of partial discharges and loss factor	IEEE C57.19.00	Bushings	D
13.6	Test for the core material (dye penetration test and water diffusion test)	IEC 62217 ed.3.0 cl. 9.4.4	Polymeric insulators for indoor and outdoor use	A

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
18.10	Verification of dimensions, displacement, contact angle and locking systems	IEC 62217 ed.3.0 cl. 9.3.5.3	Polymeric insulators for indoor and outdoor use	A

¹ asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

² if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest edition of the specified procedure is used (including any changes)

³ degrees of freedom: A – Flexibility concerning materials/products (subject of the test), B – Flexibility concerning components/parameters/characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

The laboratory can modify the test procedures with the specified degree(s) of freedom in the scope of accreditation while maintaining the principle of measurement. If no degree of freedom is specified, the laboratory cannot apply a flexible approach to the scope of accreditation for the test.

Explanations and abbreviations:

ANSI - American National Standards Institute

AS - Australian Standard

CAN/CSA - Canadian Standard

IEEE - Standard published by an international non-profit professional organization

IP - Internal Testing Procedure

NEMA - National Electrical Manufacturers Association

NTC - Colombian Standard

HD - Harmonized Document

GR No. 291/2015 Coll. - on health protection against non-ionising radiation

PNE - Branch standard

MoH CR Bulletin No. 8/2017 - Guideline for the procedure pursuant to Sections 35 and 36 of Act No. 258/2000 Coll., on the protection of public health and on the amendment of certain related acts, as amended, and Government Decree No. 291/2015 coll., on the protection of health against non-ionizing radiation