

Inhaber der Akkreditierungsurkunde:
Holder of this accreditation certificate:

**Research-Development and Testing National Institute for Electrical Engineering
ICMET CRAIOVA
Calea Bucuresti No. 144
200515 CRAIOVA
Romania**

Der Geltungsbereich der Akkreditierung erstreckt sich auf die nachstehend genannten Gebiete und zugehörigen Prüfbereiche:
The scope of this accreditation indicates:

Standard	Description
High-Voltage Laboratory (only dielectric tests)	
1. High-voltage test techniques	
IEC 60060-1 HD 558.1 S1	High voltage test techniques – Part 1: general specifications and test requirements.
IEC 60060-2 EN 60060-2	High-voltage test techniques – Part 2: Measuring systems.
IEC 60270 EN 60270	High-voltage test techniques – Partial discharge measurement.
IEC 60529 EN 60529	Degrees of protection provided by enclosures (IP code).
2. Instrument transformers	
IEC 60044-1 EN 60044-1	Instrument transformers – Part 1: Current transformers.
IEC 60044-2 EN 60044-2	Instrument transformers – Part 2: Inductive voltage transformers.
IEC 60044-5 EN 60044-5	Instrument transformers – Part 5: Capacitor voltage transformers.

Standard	Description
3. Power Transformers	
IEC 60076-1 EN 60076-1	Power transformers – Part 1: General.
IEC 60076-3 EN 60076-3	Power transformers – Part 3: Insulation levels, dielectric tests and external clearances in air.
4. Surge arresters	
IEC 60099-1 EN 60099-1	Surge arresters – Part 1: Non-linear resistor type gapped surge arresters for a.c. systems.
5. High voltage fuses	
IEC 60282-1 EN 60282-1	High-voltage fuses – Part 1: Current-limiting fuses.
6. Reactors	
IEC 60289 EN 60289	Reactors.
7. Bushings and Insulators	
IEC 60137 EN 60137	Insulated bushings for alternating voltages above 1000 V.
IEC 60383-1 EN 60383-1	Insulators for overhead lines with a nominal voltage above 1 kV – Part 1: Ceramic or glass insulator units for a.c. systems; definitions, test methods and acceptance criteria.
IEC 60437 EN 60437	Radio interference test on high-voltage insulators.
IEC 61109 EN 61109	Composite suspension and tension insulators for a.c. overhead lines with a nominal voltage greater than 1000 V – Definitions, test methods and acceptance criteria.
IEC 62155 EN 62155	Hollow pressurized and unpressurized ceramic and glass insulators for use in electrical equipment with rated voltages greater than 1000 V.

Standard	Description
8. Power cables and accessories	
IEC 60502-1	Power cables with extruded insulation and their accessories for rated voltages from 1 kV ($U_m = 1,2$ kV) up to 30 kV ($U_m = 36$ kV) - Part 1: Cables for rated voltages of 1 kV ($U_m = 1,2$ kV) and 3 kV ($U_m = 3,6$ kV).
IEC 60502-2	Power cables with extruded insulation and their accessories for rated voltages from 1 kV up to 30kV – Part 2: Cables for rated voltages from 6 kV
9. High voltage switchgear	
IEC 60694 EN 60694	Common specifications for high-voltage switchgear and controlgear standards.
IEC 62271-100 EN 62271-100	High-voltage switchgear and controlgear – Part 100: High-voltage alternating-current circuit-breakers.
IEC 62271-102 EN 62271-102	High-voltage switchgear and controlgear – Part 102: High-voltage alternating current disconnectors and earthing switches.
IEC 62271-200 EN 62271-200	High-voltage switchgear and controlgear – Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV.
10. Capacitors	
IEC 60871-1 EN 60871-1	Shunt capacitors for a.c. power systems having a rated voltage above 1000 V – Part 1: General.

Für die fachliche Richtigkeit der Prüfberichte sind verantwortlich:

Technical responsibility for the test reports:

Mr Eng. Ungureanu

Mr. Eng. Mocovei

Die Akkreditierung gilt nur für Produkte, deren Prüfung und/oder Zertifizierung durch Drittstellen nicht durch Rechtsvorschriften vorgeschrieben sind.
The accreditation is valid for products which are not mandatory to be tested and/or certificated by third parties.

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