



ELECTROPUTERE AIT
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Electroputere AIT

In February 2013, ELECTROPUTERE was reorganized and the manufacturing of high voltage apparatus was transferred to new owners, so that the Electric Apparatus Division of ELECTROPUTERE became ELECTROPUTERE AIT.

The whole production of high voltage apparatus is carried out now at the new company ELECTROPUTERE AIT, that owns now the original documentation, technical facilities and specialized staff.

ELECTROPUTERE AIT is the only agreed company that will produce high voltage apparatus, spare parts and service activity for the products manufactured under ELECTROPUTERE brand.

- **1949:** ELECTROPUTERE was founded.
- **1950-1960:** The fabrication range of medium voltage and high voltage apparatus took shape (disconnectors, circuit-breakers, instrument transformers, starting and regulating equipment for motors etc.).
- **1961-1970:** Delle license acquisition for minimum oil circuit-breakers type IO 15; 20 kV; IO-110-220-400 kV; Brown – Boweri – Micafil license acquisition for instrument transformers 220-400 kV. The production of instrument transformers, resin cast type, 0,5-35 kV based on own design and medium voltage switchgear equipped with own design components started.
- **1971-1985:** Modernization and diversification of products; re-design of minimum oil circuit-breakers series, instrument transformers, fuses. Production setup for SF6 equipment based on own design.
- **1986-1989:** Production of own designed SF6 circuit-breakers 72.5-170 kV; 40 kA.
- **1990 – 2000:** Production of SF6 circuit-breaker series 72.5 – 420 kV; production setup for vacuum circuit-breakers; production of new generation of disconnectors 123 – 245 – 420 kV; production of all required customized variants of instrument transformers.
- **2001-2008:** Production of own designed medium voltage switchgear with vacuum or SF6 circuit-breakers; production of instrument transformers in special construction for export; Production of 6-10 kV non-segregated phase busducts for nuclear power plant and 15.75 kV, isolated phase busducts for hydroelectric power plant.
- **2009:** Relocation of the Electric Apparatus Division; Cooperation with SENTEG GmbH Germany for the production of medium voltage switchgears 12-24 kV with vacuum circuit-breakers. The design of some products (starting apparatus, current transformers and voltage transformers) was revised and upgraded.
- **2010-2013:** Optimization of the current transformers and voltage transformers construction. Delivery of current transformers, voltage transformers and medium voltage switchgear for wind parks.
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Products

- [Instrument Transformers](#)
- [Disconnectors](#)
- [Medium Voltage Switchgear](#)
- [Busducts](#)
- [Starting Rheostats](#)
- [Spare parts](#)





Technology

- Repairing for the apparatus delivered by ELECTROPUTERE, in the range 0,5 – 420 kV, mainly for:
 - Minimum oil circuit-breakers type IO 110-220-400 kV(“V” Assembly, Column Assembly, MOP-1 type Operating Mechanism), Modernization of MOP-1
 - SF6 circuit-breakers type H14 with MOP-2A and H14 with SH
 - Minimum oil circuit breakers type IO 12-24 kV
 - Current transformers and voltage transformers, oil insulated, type: CESU-110 kV, TEMU-110 kV, CESo-145 kV, CES-145 kV, TEMUs-123 kV, TECU-110-220-400 kV, TC-123 -245-420 kV, TEMUs-36 kV, TEBUs-24 kV
 - Current transformers and voltage transformers, SF6 insulated, type: tip CEH-123 kV, TEH-123 kV.
- Tests and verifications, according to the standards in force, for the electric apparatus in the range 0.5 ... 420 kV, metrological verifications of instrument transformers with rated voltages ≤ 220 kV. The tests and verifications are performed on verified and metrological attested test stands.
- Mechanical processing for parts and subassemblies (Dmax= 800 mm, Lmax=1600 mm, Gmax= 250 kg)
- Design and execution of punches, molds, devices and verifiers
- Repairing of punches , molds, devices and verifiers
- Thermal and thermo-chemical treatments (Max. size 1200x500x300 mm)
- Thermal stress relieving (Max. size 3000x1500x1000 mm)



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