

High Voltage



Components Company S.R.L.



an Italian Company¹ operating in High Voltage field

HV Components and Services

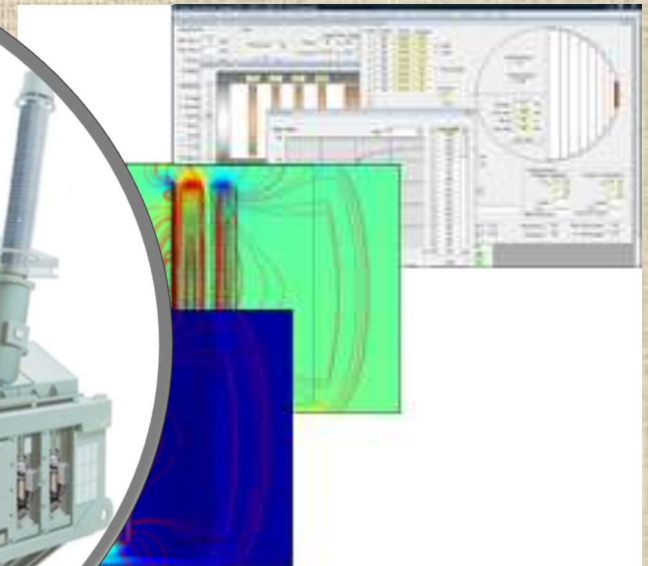
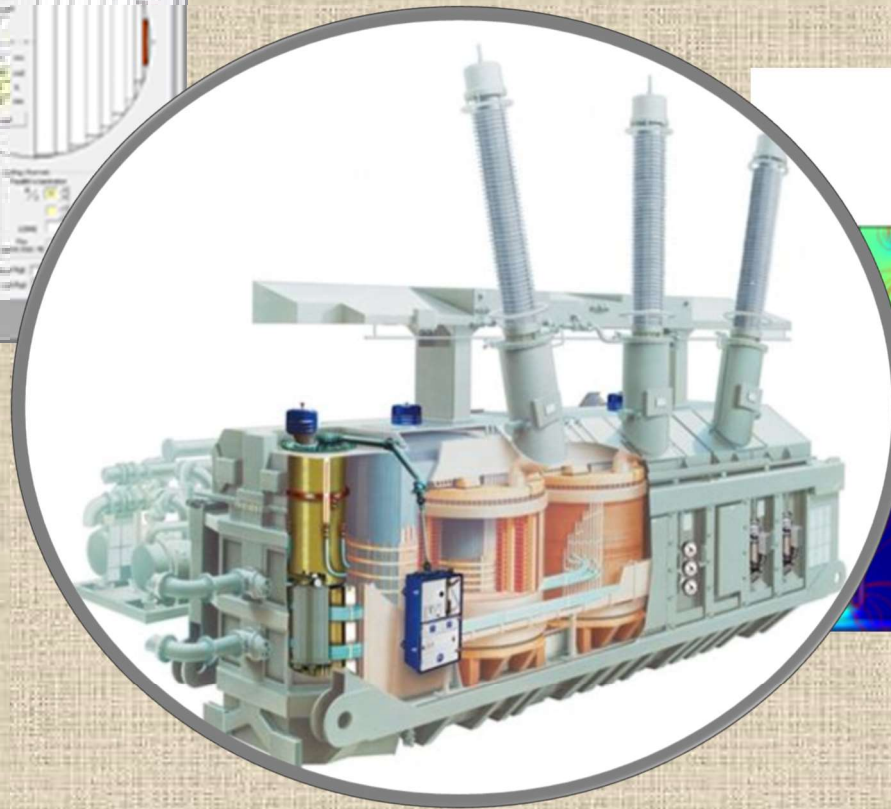
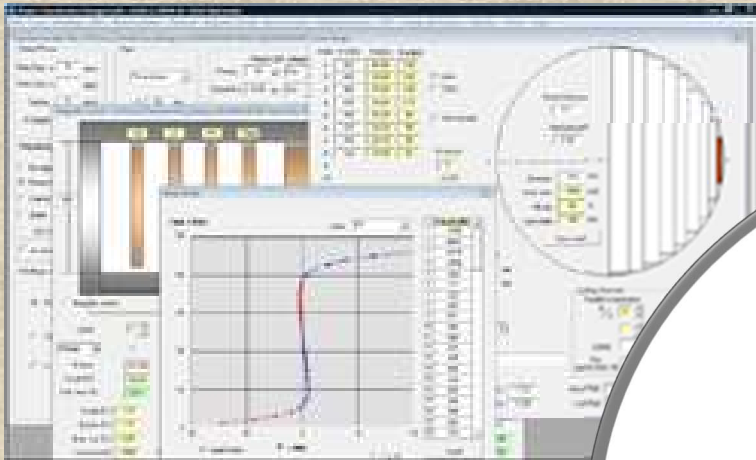
- Power and Distribution Transformers
- Switchgear and control gear
- GIS
- Testing equipment
- High Voltage Measurements

- Transformers Design
- Components Design review
- Technical specifications
- Testing
- Life assessment
- Failure analysis
- Software

¹ Registered in 2009. PI: 06564030960. REA Number: LO-1464397

Power Transformers Design Software

Design from scratch or Design Review



Failure Analysis



And more ...

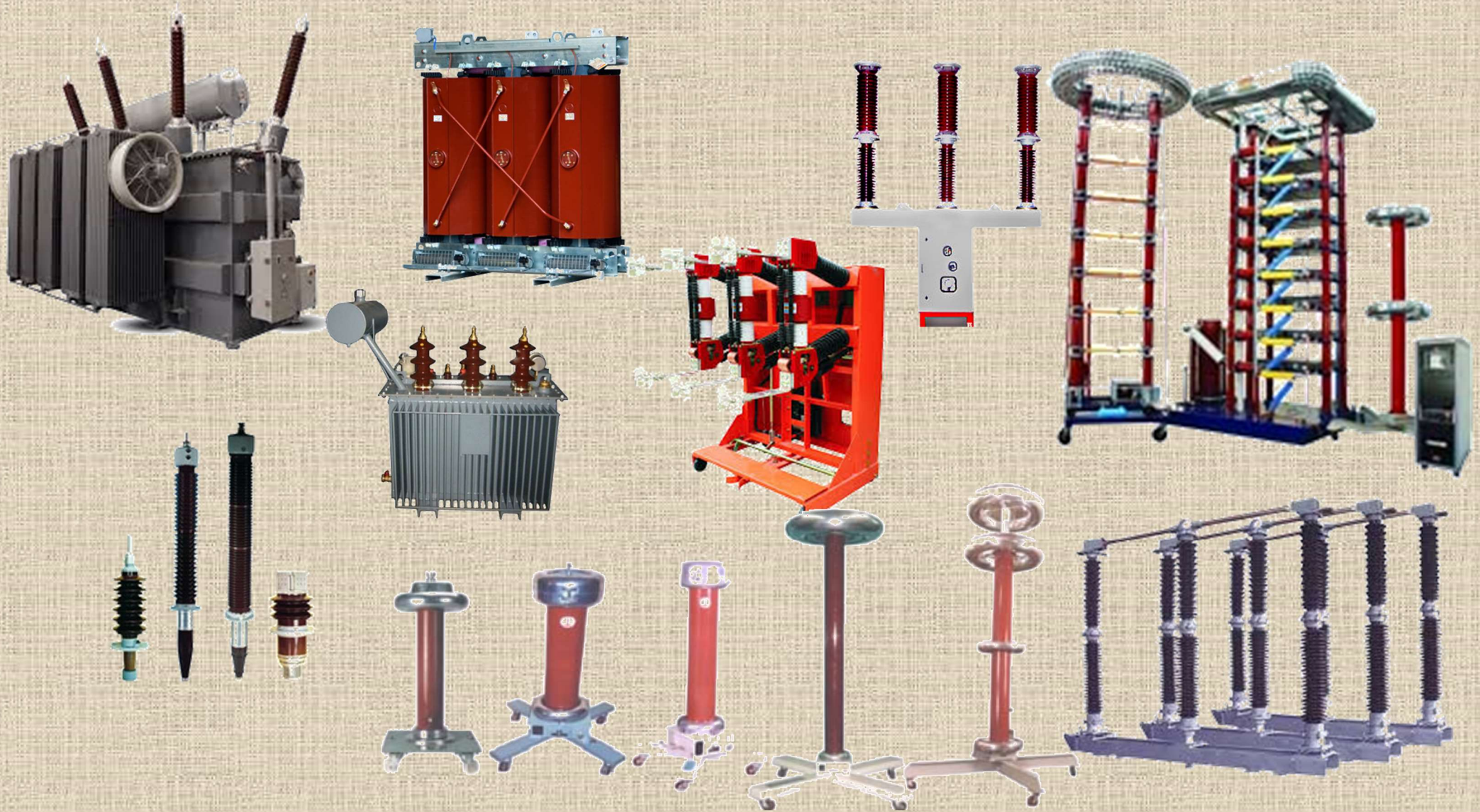
High Voltage Equipment

- Technical Specifications for High Voltage Equipment.
- Witnessing and full assistance during HV equipment testing, for type, routine and special tests, factory and field testing, according to international standards (IEC, IEEE).
- *Design of Testing Laboratories* for HV equipment, for any kind of test (type and routine, special, internal research, etc.) according to relevant standards.
- Failure analysis.

Power Transformers:

- Supply of complete design of Power Transformers in any range of power and voltage, up to 1000 kV, especially for transformers to be subjected to dynamic short circuit test.
- In-production inspections during the whole manufacturing process, to guarantee an adequate quality level to minimize faults during testing and service life.
Moreover, we can design the whole manufacturing process, from the plant lay-out to the machinery and process required in power transformer manufacturing.
- A big experience in power transformers failure analysis matured in more than 20 Years.
- A power transformer design software package, which includes FEM analysis, is available. It can be customized according to manufacturer rules.

OF HIGH VOLTAGE EQUIPMENTS



Sister Company:



HV Trafo.SOLUTIONS Limited

Romania

www.hvtrafo.com

Sister Company:



Energy Solutions International S.A.C.

Jr. Paramonga 311 - Oficina 301
Santiago de Surco - Lima (Perù)

www.esiperu.com

³ Registered in 2017, RUC N° 20601941105

Associated Partners:



Electrical System Consultant
Lodi (Italy)

www.esc-studielettrici.com



FC Solutions
Milan (Italy)

francesco@fcss.it



Italian University since 1863
Milan (Italy)

www.polimi.it

List of References

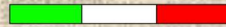
- ABB (Italy, Spain, USA)
- Antamina (Perú)
- CESI (Italy)
- Chinalco (Perú)
- EDP (Portugal)
- ELECTROPERU (Perú)
- ELMACO (Egypt)
- Elsewedy (Egypt)
- EnergyAustralia (Australia)
- Engie (Perú)
- Gas Natural Fenosa Distribución (Spain)
- Gas Natural Fenosa Generación (Spain)
- Hudbay (Perú)
- MMG Las Bambas (Perú)
- Q Group Inc. (USA)
- SARAS (Italy)

Visited Countries (work activity)





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