High Voltage Products

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The increasing competitiveness the current production market features requires a continual increase in plant performances. ABB’s Service offer is the solution to this need. It is the answer to the continuous changes in the world of production in terms of growth in efficiency, reliability, availability and innovation. Having ABB products is not only an indication of high quality, technological and efficiency standards, but is also the possibility of being able to have a staff of consultants available at the service of the customer.

Who we are

The Unità Operativa Adria-HV is specialised in high voltage products, such as SF6 gas insulated circuit-breakers of traditional type (AIS), compact multi-function (hybrids), compact integrated (GIS), mobile substations, and instrument transformers in SF6.

As manufacturers of components, our in-depth knowledge of the apparatus allows us to offer vast support to satisfy all requirements.
Our objectives

To be a fundamental strategic partner who accompanies the customer throughout the life cycle stages of the product.
To be the channel which increases the added value for our customers.

Our tasks

To improve efficiency of plants by means of personalised maintenance programmes.
To increase reliability of power transmission and distribution plants and therefore of the whole production system.
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Our services

Engineering & Consulting
Engineering and consulting solutions to guarantee the performances of our products, plants and the whole system over time and to find innovative and technological answers to all needs.

Diagnosis and check-ups with the plant in service
On-site check-up of the apparatus, thermographs, leakage current tests on HV surge arresters; fault diagnosis and component monitoring with a webcam.

Maintenance and assistance
Preventive, predictive, corrective and reconditioning. On all ABB high voltage apparatus and machine circuit-breakers (GCB).

Enlargements and Replacements
Innovative solutions engineered to enlarge plants.

Spare parts
Optimisation of the spare part warehouse with customised solutions, strategic and emergency spare parts.

Revamping, refurbishment and upgrading
Partial or total innovation of products to allow renewal of the system with improvement of efficiency over time.
Training
Training in ABB High Voltage technologies and products and in their running. To ensure that maintenance operations are always carried out with maximum professional competence and efficiency, we offer training at various levels for training and updating the customer’s maintenance personnel. On completion of each training course, a certificate of attendance and qualification for specific interventions is issued.

Retrofit
Replacement of products with other more technologically advanced ones.

Service Contracts
Framework agreements and long-term maintenance contracts. 24/24 on call telephone service, consultancy on-line and rapid repair service.

Environmental Services
Collection, replacement and disposal of SF6.

Qualified Technicians
Using ABB Service and products means having a staff of qualified consultants at your service. Working with qualified technicians means: quality, guarantee, safety... peace of mind. The technicians’ certifications can be checked directly on the web.
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Certifications
Production of our products is organised according to the concept of “Lean Production” and is managed by means of an integrated ERP system. Quality of the production processes is guaranteed by the “Six Sigma” system. The quality system conforms to ISO 9001 standards, the environmental management system to ISO 14001 standards and the health and safety management system to OHSAS 18001 standards for workplaces. All the certificates are issued by an external independent organisation. The test Laboratory conforms to UNI CEI EN ISO / IEC 17025 Standards, accredited by an external independent organisation.

Technology is the tool, people are the key to success!
From today, ABB customers can take advantage of consultancy with our expert engineers. The High Voltage Products Service makes Engineers available who will carry out consultancy and technical and economical optimisation directly on site at your plants, finding solutions and transforming your needs into concrete proposals.