Coil Center manufactures coils for stator windings that lay the foundation for a successful renovation of your motor or generator.

Professional manufacturing and thorough checks give high quality coils with good mechanical and electrical properties. This gives your motor or generator a long service life, high availability and increased opportunities for using energy efficiently.

Coil Center’s manufacturing includes coils for motor and generator stator windings with up to 15 kV rated voltage, direct voltage or alternating voltage. The machines can be manufactured by both ABB and other companies.

Normal assignments involve coils for medium-sized and large water power generators and motors with special areas of application, e.g. the rail industry. When considering foundations and connections, it is often simpler and more cost-effective to renovate the stator in an existing machine rather than buying a new one.

Experience and expertise
The manufacturing process is complex and our employees guarantee experience and expertise. Every individual coil in the production process is fully traceable and has been subjected to individual electrical tests. Insulating property tests on Coil Center coils show recurrent better results compared to the normal values for the Micarex system.

The quality of Coil Center coils ensures safety, increased service life and better economy in the long term when for example hydroelectric power stations or industrial motor drives are being renovated.
AC Products
- Single-turn coils
- Multi-turn coils, Diamond
- Roebel bars
- Coils for Turbo generators
- Coils for Hydro generators
- Concentric windings
- ABB original coils
- Slot wedges, winding material

DC and Traction Products
- Rotor coils and bars
- Stator windings
- Equalizers
- All types of coils
- Slot wedges and winding material

Insulating system
Micarex® (Resin rich) Class F (155° C)
With the Micarex system we are able to manufacture many models and short series. Our Micarex coils have undergone the comprehensive testing required for us to be an approved supplier according to standards where VET and TCT are included.

MCI (Micadur® Compact Industry)
Our insulating system is under continuous development in co-operation with ABB Machines and ABB Corporate Research. The combination of continuous process development, ABB’s resources and our solid craftsmanship guarantees the high quality and fit of our products.

For additional information please contact:

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www.abb.se/coilcenter

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