

## ABB presents new condition monitoring and consulting services for motors and generators

**Reliable testing and analysis, early diagnosis and targeted maintenance can improve availability and deliver major cost savings**

Hanover, April 23, 2012 – ABB is presenting a suite of condition monitoring and consulting services for motors and generators at Hanover fair 2012. The services incorporate tools developed through extensive research and development and are based on ABB's know-how as the world's leading manufacturer of motors and generators.

ABB's condition monitoring solutions provide reliable information on the status of motors and generators. They accurately identify defects at an early stage, well before a failure occurs, enabling preventive maintenance to be performed. When worn components are detected, for example, they can be replaced during a scheduled stoppage, avoiding a failure that could result in costly downtime and disruption to the process.

The powerful solutions cover all major components of motors and generators – rotor, stator, shaft, bearings, cooler, brushes or slip rings, as well as the overall mechanical condition (installation) and, for motors, power supply quality. In addition to motors and generators from ABB, these solutions can be used equally effectively on equipment from any manufacturer.

ABB's unique consulting service analyzes the energy, performance and reliability costs of motors while they are operating. This service delivers recommendations for maintenance planning, performance upgrades and replacement solutions. It prepares a longer-term roadmap showing the plant operator when costs are expected to arise, with the objective of helping the customer to make the optimal investment decisions.

Together, these services demonstrate ABB's commitment to supporting motor and generator users. They help plant operators to achieve improved reliability, better system availability and enhanced performance while reducing the overall cost of motor and generator ownership.

### **Figure:**

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Condition monitoring services performed by ABB.

### **Contact for further information:**

Business Unit: Motors and Generators  
Product Group: Service  
Marketing Manager: Jean-Michel Latrasse  
Phone: +33 164866283  
E-mail: jean-michel.latrasse@fr.abb.com