

SERVICE NOTE

# Installation and commissioning services for motors and generators



Installation and commissioning are the first key steps to ensure that your motors and generators will deliver the best possible performance. Fully qualified and certified engineers prepare the equipment for a long productive life, applying best practices and working to the highest levels of quality and safety.

ABB can support you with expert level installation and commissioning services based on more than 100 years' experience of manufacturing and maintaining motors and generators. With ABB installation and commissioning services, you are making an investment in the long-term trouble-free operation of your equipment.

### **A good start is the key to success**

In many cases, the main reasons for failure during the first few months of operation are incorrect installation or lack of adequate care during commissioning. If important details are overlooked the correct functioning of the motor or generator can be compromised. In some cases the warranty might be affected.

ABB's installation and commissioning services are carried out by specialized field service engineers. This provides the foundation for the long-term trouble-free operation of your motors and generators.

### **Main benefits**

- Ensure products' warranty validity
- Faster installation and commissioning
- Optimized cost of ownership
- Increased reliability, efficiency and safety
- Carried out in accordance with the main local and international standards, especially in case of explosive atmospheres
- Experienced, fully qualified personnel
- Safe, controlled start-up methodology
- Clearly defined procedures



### **Services built on extensive experience**

ABB's installation and commissioning services are based on extensive experience of rotating electrical machinery. They cover all major types and designs of motors and generators – low voltage and high voltage, induction and synchronous motors and generators.

ABB provides structured and standardized installation procedures tailored for the specific type of motor or generator, as well as careful commissioning processes based on ABB's unique know-how as the original manufacturer.

### **Complete, professional reporting**

In most cases the warranty period starts on the day when the equipment is commissioned. It is therefore essential that the plant has a full report confirming that all requirements have been fulfilled and all necessary tests successfully passed.

ABB provides complete reporting that is fully aligned with the product-tailored working procedures. This ensures that a safe, controlled start-up methodology is used, enabling the plant to optimize its cost of ownership.

### **Certified personnel**

ABB's service engineers are certified to perform installation and commissioning for different types of motors and generators. Trained and qualified personnel means faster, more efficient installation and commissioning and optimum results.

### **Qualified for any work environment – specialists for explosive atmospheres**

ABB field service engineers are fully trained and competent to work on equipment used in areas with potentially explosive atmospheres. This ensures that all requirements of the relevant international regulations are met.

Our certification process guarantees that all work on motors and generators for explosive atmospheres is undertaken according to the strict requirements of IEC/EN standards and our own internal rules, which are in line with the ATEX directive and IECEx system.

### **Consistent levels of service across the globe**

ABB's network of service centers spans the world, backed by Global Technical Support Centers that are closely integrated with our manufacturing facilities. This enables us to deliver local support no matter where you are located, and ensures that we can supply cost-effective and consistently high quality everywhere.

For more information please visit:

[new.abb.com/motors-generators/service](http://new.abb.com/motors-generators/service)

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