

Mechanical Repair Services

ABB Electrification Services



Now more than ever, our customers need reliable performance from their mechanical systems. ABB can provide the knowledge, resources and processes to meet your mechanical services needs.

Uniquely skilled in a complete range of mechanical equipment and systems, ABB has the experience and insight to optimize the planning and execution of projects, system startup and commissioning, as well as maintenance activities.

Comprehensive Services

ABB's mechanical services program can help improve equipment reliability and reduce operating costs. For the maintenance of existing equipment, the ABB team will focus on:

- Lowering planned maintenance costs up to 30% by extending intervals between planned maintenance events
- Reducing unplanned outages by shifting to planned maintenance
- Improving equipment reliability up to 20% through the use of predictive technology
- Implementing ABB's recommended policies and procedures can improve employee safety
- Simplifying supplier management, with ABB as your preferred provider for electrical and mechanical system modifications, upgrades, engineering studies and critical maintenance outage activities

Benefits

- Through the use of predictive technologies, downtime on your mechanical equipment can decrease; there will simply be fewer unplanned outages and shorter outage durations. Savings will be based on an individual assessment at your site.
- Utilizing ABB's mechanical services can decrease your overall headcount and maintenance spending. Savings estimates will depend on the project and your maintenance practices, as identified through an assessment at your site.
- By leveraging the expertise of our staff, proven operational and safety processes and employee training programs, we can improve overall worker productivity. We can improve the reliability of your mechanical systems and maximize the utilization of your resources as well.
- Through the use of a tiered workforce that includes engineers, technicians and craft labor, ABB can provide increased mechanical system efficiency at lower costs.



The ABB Advantage

Mechanical repair services from ABB offer several important advantages over service typically received from OEMs or other providers.

- **Advanced Technological Innovation.** We provide innovative upgrades and modifications to adapt your equipment to new process applications.
- **Improved Performance and Extended Life.** Through material upgrades, and redesigned components, ABB can greatly enhance the performance and reliability of your equipment. The need to purchase and install new equipment is often eliminated.
- **Complete Range of Services.** We offer more comprehensive services than most other service providers, including OEMs.
- **Shorter Cycle Times.** In most cases, ABB can complete comparable services for your equipment in less time than the OEM or another service provider.
- **Competitive Pricing.** You can often reduce your maintenance costs with mechanical repair services from ABB versus other service providers.

Applicability

This solution addresses your need to maintain reliable performance of complex mechanical systems that contain the following components: gearboxes and transmission systems, pumps, compressors, fans/blowers, refiners, centrifuges, crushers, grinding mills, and wheel motors.

Features

- Wide range of repair and overhaul services
- Services provided in authorized ABB service centers or on-site
- Large machine tool equipment and specialty tooling
- Proper welding fixtures and welding procedures
- 30+ years of experience

Contact us:

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