Motor & Generator Field Services
ABB Electrification Industrial Solutions

ABB offers a full gamut of on-site Motor and Generator Field Services with an experienced Field Service Team available 24/7 to keep your operations up and running or to minimize the disruption to your operations during an emergency outage.

From installation and commissioning to outage support, predictive/preventative maintenance and repairs, we are here to support your needs.

ABB also has a network of service centers with highly trained technicians that support the Field Service Team as needed. We have the experience and knowledge to work on any motor, industrial generator or small hydro generator units.

Motor and Generator Field Services Capabilities
• Maintenance – Predictive & Preventative
• On-Site Service, Repairs and Rewinds
• Outage Support – Emergency or Planned
• Motor & Generator removal, installation & commissioning
• Consulting Services
• Service Agreements

Predictive Maintenance
• MCD Motor Condition Diagnostics
• LEAP – Life Expectancy Analysis Program
• Vibration Analysis
• Current Signature Analysis
• Thermography (infrared imaging)
• Oil Analysis
• Ultrasonic Analysis
• Partial discharge testing
• Motor Circuit Testing
• Motor Efficiency Testing

Preventative Maintenance
• Laser Alignment
• Onsite Balancing
• Visual Inspections
• Borescope Inspections
• ABB – Air Gap Inspector
• Dry Ice Cleaning / General Cleaning
On-Site Service, Repair & Rewinds
• Bearing & housing inspections - Blue Check, Scrape, Bearing clearance
• Core Iron Inspection - ELCID Testing
• Commutator & slip ring turning
• Replacement of consumables – Filters, Oil, Brushes etc.

Benefits
• Solution-based programs
• Increase plant uptime and productivity
• Reduce maintenance costs
• Minimize equipment-parts inventory
• Improve plant safety
• Increase equipment life
• Organize maintenance activity

Service Agreements
• Tailored to meet customer needs
• Include all parts, services and repairs

ABB Advantage
Trust ABB for top-quality reliable service, including:
• Experienced engineering and technical support
• Predictive Analysis Tools
• Advanced on-line monitoring and failure analysis
• Industry-specific application expertise
• Global service center network
• Emergency Service Available

Contact us:
For more information, call us toll free at +1 888 434 7378, or +1 540 387 8617 and visit us on the web at go.abb/industrial