

SERVICE

Burlington Service Center

ABB Electrification Services



The Burlington Service Center features on-site and in-shop service for motor, generator, and mechanical repairs. With access to the global network of OEM ABB Service Centers, Burlington is truly your total repair solution for all motor manufactures.

Motor Services

- Horizontal and vertical
- AC – squirrel cage (induction), synchronous, wound
- DC – motors and Generators
- VPI (Vacuum pressure impregnation) for low and high voltage classes
- Winding machines to 240,000 LBS
- Testing – mag-particle, dye penetration, and ultrasonic
- 2 plane Balance
- Steam cleaning and oversize ovens
- Dry Ice Blasting
- Rebabbitt bearings
- Seals

Physical Testing Services

- Air gap
- End play
- Rotor run out
- Magnetic center check
- Spinner
- Analysis – stator temperature, thermal, vibration, and bearing temperature
- Dynamic balancing
- Commutator profiling
- Antifriction bearing, sleeve bearing, and shaft
- Life Expectancy Analysis Programs (ABB LEAP) In Shop Offerings

In Shop Offerings

- 50,000 square foot, climate controlled facility
- 65 ton capacity crane in 40' high bay
- 24-hour emergency repair service
- Engineering support
- Reverse engineering capabilities
- ISO 9001 certified
- OEM Trained motor repair technicians
- Ovens
- Paint booth
- Machine shop
- Upgrade Evaluation Studies



In-shop Motor Rewind



On-site motor testing and repair

Onsite Offerings

- Motor and Generator Field Service
- Start up and Commissioning
- Outage/Shut Down Planning
- Preventive/Corrective Maintenance
- Asset Management Programs
- Life Expectancy Analysis Programs (ABB LEAP)
- Dry Ice Cleaning
- Complete Mechanical and Electrical Testing
- Engineered Evaluation Studies
- Multiple Platform Offerings for all Rotating Equipment

Electrical Testing Services

- Megger – 5000V DC
- Polarization Index – 5000V DC
- Voltage drop
- Surge
- Hi-potential
- Neutral Check
- Galvanometer
- Polarity check
- Resistance
- Core loss
- Phase balance
- Growler
- No-Load up to 14KV

Contact us:

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For more information on the ABB Burlington Service Center or to answer any questions you may have, contact us at ca-burlingtonservicecenter@abb.com

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