

Edmonton Service Center

ABB Electrification Services



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

Motor Services

- All manufacturers – all sizes
- Horizontal and vertical
- AC - Medium and High Voltage classes
 - Squirrel Cage (induction)
 - Synchronous
 - Wound Rotor
 - Generator
 - Wheel motors
- DC – All Classes and Types
 - Motors
 - Generators
 - Wheel motors
- VPI (Vacuum Pressure Impregnation) for medium and high voltage classes
- Winding machines to 240,000 LBS
- Complete Electrical and Mechanical Testing
- Dynamic Balancing
- Steam cleaning and oversize bake and burnout ovens
- Dry Ice Blasting
- Babbitt bearings
- Seals

Mechanical Services

- On-site full machine capabilities
- Vibration signature, analysis and dynamic balancing
- Horizontal boring mill (20,000 lbs., 79" table)
- Schenk hard bearing balance machine (20,000 lbs.)
- Off-Highway Vehicle component repairs

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



In-shop Motor Rewind

In-Shop Offerings

- 30,000 square foot, climate controlled facility
- 40 ton capacity crane in 30' 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
- Red sealed journeymen technician certifications



On-site motor testing and repair

On-site 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
- PDMA and DOBLE testing
- Complete Mechanical and Electrical Testing
- Engineered Evaluation Studies
- Multiple Platform Offerings for all Rotating Equipment

Contact us:
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