On-site Services
- Installation and commissioning
- Synchronous rotor diagnostics
- Emergency and outage support
- Motor Circuit Evaluation (MCE)
- Doble and partial discharge testing
- Cryogenic “dry ice” cleaning
- Laser alignment and bearing current detection
- Thermography and Ultrasonic testing
- Oil analysis and lubrication programs
- Mechanical balancing, machining and repair
- Commutator and slip ring service
- Stator and armature rewinding

Motor & Generator Repair
- AC & DC Motor—repair and redesign
- 7 ft. VPI Tank—100% solids epoxy resin
- 70-ton crane capacity
- Precision balance stand up to 15,000 lbs.
- UL® certification
- Stator and rotor restacking
- Commutator profiling and resurfacing
- Pick up and delivery service

Motor & Generator Rewind Technologies
- “Global VPI” Stator Rewinds
  - PowerLok™ up to 7.2 kV with 1-year warranty
  - PowerSeal™ up to 15 kV with 5-year warranty
- MegaSeal™ up to 15 kV with 5-year warranty
- “B-Stage” Resin-Rich Stator Coils
- IntegraCoil™ up to 15 kV with 1-year warranty
- HydroCoil™ up to 15 kV for hydro generators

Specialty Motor Repair
- Explosion Proof
- Hermetic
- High Efficiency
- Marine and Navy
- Mill duty
- Mining
- NEMA, ANEMA and IEC
- Permanent Magnet
- Servo
- Slip Ring
- Spindle
- Submersible
- Synchronous, brush and brushless
- Traction
- Variable speed
- Vertical
- Wound-rotor AC

Motor Storage Programs
- Temperature controlled
- Shaft rotation
- 24/7 on-call service
- Humidity controlled
- Meggered windings
- Full documentation

Extensive On-Site Field Services

Company-owned truck fleet

Motor & Generator Testing
- Full load testing thru 900 HP
- Run testing to 7,200 VAC / 750 VDC
- Motor Circuit Evaluation (MCE)
- Core Loss Test and Thermography
- Vibration Analysis
- Polarization Index Test
- Resistivity, Hi-Pot (AC & DC), Megger®, Surge test

Mechanical Repair
- Compressors, crushers
- Fans, blowers, heat exchangers
- Gearboxes/Dodge TXT Reducers
- Pumps—centrifugal/submersible/vacuum
- Shafts

Machining Capabilities
- Bearing rebabbitting
- Flame spray metallizing
- Key Broach/Seating
- Lathes—up to 60” x 168”
- Milling—Vertical and Horizontal
- Pressing—Horizontal and Vertical
- Welding—Gas/MIG/TIG/Wire

Electronic Repair
- Circuit boards—all manufacturers
- AC & DC drives, operator interfaces, servo controls
- PLC’s, I/O modules, power supplies, instruments

Authorized Warranty Repair
- ABB
- ATB
- Breuer
- Baldor
- Dodge
- ELIN
- KATO Eng.
- Reliance
- Siemens
- Teco Westinghouse
- Toshiba
- WEG

We keep electric motors and generators running
PRODUCT SALES

AC & DC Motors and Spare Parts

- NEMA motors
- Spare stator coils up to 15 kV
- Remanufactured field coils – edge and wire wound

Authorized Reliance OEM Replacement Parts

AC & DC—Coils and Armatures

- AC stator coils (up to 15 kV)—IntegraCoil™ B-stage hard coils, VPI and sealed coil systems
- AC rotating fields—edge and wire wound
- DC armature coils—VPI, dip and bake and sealed coil systems
- DC field coils—Shunts, Series, Compound, Rotor Bars, I-Poles
- Specialty coils (brake, transformer, etc.)

CNC Precision Machined Parts

- Shafts up to 23” diameter and 80” long
- Milling up to 20” x 40” plate—Flats and Hex parts
- Hole drilling and tapping
- Keyway machining
- Digital Bore gauges
- 3D CADCAM

Unit Exchange & Remanufacture Programs

- Wind Generators—multiple brands and sizes
- Dodge TXT Reducers—Sizes 3 thru 15
- Underground Mining Motors
- Mill Duty and Base Fan Motors

NORTH AMERICAN COVERAGE

UNITED STATES

Beaumont, TX
Birmingham, AL
Charleston, SC
Chicago, IL
Cincinnati, OH
Cleveland, OH
Corpus Christi, TX
Denver, CO
Detroit, MI
Des Moines, IA
Dothan, AL
Erie, PA
Evansville, IN
Folcroft, PA
Greenville, SC
Houston, TX
Indiana, PA
Lake Benton, MN
Litchfield, MN
Philadelphia, PA
Portland, OR
Rock Hill, SC
Shreveport, LA
Sulphur, LA
Sweetwater, TX
Washington, PA

CANADA

Regina, SK
Saskatoon, SK
Winnipeg, MB

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