WE KEEP ELECTRIC MOTORS AND GENERATORS RUNNING

REPAIR SERVICES

Motor & Generator Repair
- AC motor repair thru 1000 HP
- DC motor repair thru 500 HP
- 13-ton crane capacity
- Precision balance stand up to 10,000 lbs.
- Stator and rotor restacking
- Commutator profiling and resurfacing
- AC motor redesign

Motor & Generator Testing
- Full load testing thru 500 HP
- Run testing to 4000 VAC / 500 VDC
- Motor Circuit Evaluation (MCE)
- Core Loss Test (computerized)
- Vibration Analysis (Spectral)
- Thermography
- Polarization Index Test
- Resistivity, Hi-Pot (AC & DC), Megger®, Surge test

Motor & Generator Rewind Technologies
- "Global VPI" Stator Rewinds
  - PowerLok™ up to 7.2 kV with 1-year warranty
  - PowerSeal™ up to 7.2 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
- Wound-rotor AC
- Motor/Generator sets
- AC generator rewinds
- Hermetic
- Submersible
- Vertical
- Mill duty
- Variable speed
- High-efficiency AC
- Navy and Marine
- Traction equipment
- Wheel drive
- Annealing furnace fan motors
- Servo, Spindle, Arbor and Low-voltage DC

Mechanical Repair
- Gear reducer rebuilding
- Dodge TXT Spare Exchange Program
- Dodge CST reducer repair
- Pumps—centrifugal/submersible/vacuum
- Gear motors, clutches, brakes
- Fans, blowers, heat exchangers
- Mechanical adjustable-speed drives
- Compressors IR Certified
- Milling—Vertical and Horizontal
- Flame spray metallizing
- Brush electroplating
- Welding—MIG/TIG

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 Morley
- Baldor
- ATB Morley
- Baldor
- ABB
- Siemens
- KATO Eng.
- Reliance
- Toshiba
- WEG

On-site Services
- Installation and commissioning
- Emergency and outage support
- Motor Circuit Evaluation (MCE)
- Cryogenic "dry ice" cleaning
- Laser alignment and bearing current detection
- Vibration analysis
- Thermography
- Ultrasonic testing
- Oil analysis and lubrication programs
- Hydro-electric generator maintenance
- Mechanical balancing, machining and repair
- Commutator and slip ring field machining and profiling
- AC & DC motor and generator repair
- Stator and armature rewinding

Motor Storage Programs
- 20,000 sq. ft. warehouse
- Temperature controlled
- Shaft rotation
- Windings meaggered
- 24/7 on-call service
- Full documentation

Performance Improvement Services
- Disaster, contingency and recovery programs
- Maintenance assessments and programs
- Reliability engineering
- Training programs

FIELD SERVICES

Pick-up and delivery service

Motor Circuit Evaluation (MCE)

PowerSeal™ VPI Rewind

NEMA and Above NEMA electric motor repair

Dothan Service Center
1350 Columbia Highway
Dothan, AL 36301
334.699.8080
334.699.8082 (FAX)
www.ips.us

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12/19
PRODUCT SALES

AC & DC Motors—NEMA, Above NEMA and Spare Parts

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

Unit Exchange & Remanufacture Programs

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

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