

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 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

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

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 |
| • Dodge | • KATO Eng. | • Reliance |
| • Siemens | • Toshiba | • WEG |



PowerSeal™ VPI Rewind



NEMA and Above NEMA electric motor repair



Pick-up and delivery service



Motor Circuit Evaluation (MCE)

FIELD SERVICES

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 meggered
- 24/7 on-call service
- Full documentation



Performance Improvement Services

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

Dothan Service Center
1350 Columbia Highway
Dothan, AL 36301

334.699.8080
334.699.8082 (FAX)

www.ips.us

WE KEEP ELECTRIC MOTORS AND GENERATORS RUNNING

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
- Keyway machining
- Digital Bore gauges
- 3D CAD/CAM

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



NEMA motors



Above NEMA motors



Spare stator coils up to 15 kV



*Remanufactured field coils
- edge and wire wound*

NORTH AMERICAN COVERAGE



UNITED STATES

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

CANADA

- Regina, SK
- Saskatoon, SK
- Winnipeg, MB

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