REPAIR SERVICES

Motor & Generator Repair
- AC & DC motor repair thru 10,000 HP
- 10 ft. VPI—100% solids epoxy resin
- Dynamic balance stand up to 20,000 lbs.
- Burn & bake ovens with temperature control
- Coreloss testing before & after burnout
- Dedicated small motor (< 600 VAC) repair center
- UL® certification
- Stator & rotor restacking
- Commutator profiling & resurfacing
- Shaft repair—Brush electroplating
- Pick up & delivery service

Motor & Generator Rewind Technologies
- "Global VPI" Stator Rewinds
  - PowerLok™ up to 4.1 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" On-Site Rewinds
  - IntegraCoil™ up to 15 kV with 1-year warranty
  - HydroCoil™ up to 15 kV for hydro generators

Specialty Motor Repair
- AC Induction—wound rotor
- AC Synchronous—brush & brushless
- Hermetic
- Hydro Generator
- Marine & Navy
- Mill duty
- Mining—underground & surface
- Motor/Generator sets
- Nuclear—Safety & Non-safety related
- Servo, Spindle & Arbor
- Submersible
- Traction equipment
- Variable speed
- Vertical
- Wheel Drive

Motor & Generator Testing
- Full load testing thru 1,250 HP
- Run testing to 6,900 VAC/750 VDC
- Vibration Analysis (Spectral)
- PDMA® Motor Circuit Evaluation (MCE)
- Megger®—Resistivity & Polarization Index
- Surge test
- Core Loss Test (Computerized)
- Hi-Pot (AC & DC)
- Underwater Hi-Pot per IEEE 1776-2008
- Thermography

Mechanical Repair & Machining
- Compressors
- Dodge TXT & CST reducer repair
- Fans, blowers, heat exchangers
- Gear motor, reducer, clutches, brakes
- Hydraulic cylinders
- Mechanical adjustable-speed drives
- Milling—Vertical & Horizontal
- Parts manufacturing (shafts, bases, housings)
- Pressing—up to 200 tons
- Pumps—centrifugal/submersible/vacuum
- Shaft Repair—brush electroplating & diamond burnishing
- Welding—MIG/TIG

Industrial Electronic Repair (IER)
- Circuit boards—all manufacturers
- AC & DC drives, operator interfaces, servo controls
- PLC’s, I/O modules, power supplies, instruments
- Servo, Spindle, Arbor & low-voltage DC

Authorized Warranty Repair
- ABB
- ATB Morley
- Baldor
- Siemens
- Reliance
- Sicemotori
- Toshiba
- Teco-Westinghouse
- WEG

FIELD SERVICES

On-Site Services
- AC & DC motor installation & commissioning
- AC & DC motor emergency & outage support
- AC & DC motor maintenance, repair & rewind
- Asset storage & maintenance programs
- Bearing current detection
- Commutator & slip ring service
- Condition Monitoring—PDMA MCEmax™
- Cryogenic "dry ice" cleaning
- Hydro generator maintenance & rewind
- Laser alignment
- Mechanical balancing, machining & repair
- Oil analysis & lubrication programs
- Thermography
- Vibration analysis

Engineering Services
- Contingency & emergency planning
- Drop-in replacements
- Maintenance assessments & programs
- Motor efficiency studies
- Motor & generator uprates & redesigns
- Power services analysis
- Project management
- Problem solving & technical support
- Reliability assessments
- Training programs
- Trouble-shooting

Rock Hill Service Center
1332 Fire Tower Road
Rock Hill, SC 29730
800.868.3702
803.324.3700
803.324.0434 (FAX)
www.ips.us
©2019 Integrated Power Services
12/19
WE KEEP ELECTRIC MOTORS AND GENERATORS RUNNING

PRODUCT SALES

AC & DC Motors—(NEMA, Above NEMA, IEC), VFD's & Spare Parts

Available New Motor Modifications & Services

- Convert Ball to Roller Bearing
- Add Bearing RTD’s
- Install Inpro/Seal
- Add Sealed Bearings
- Add/Remove Brakes
- Move Conduit Box
- Install Line Cord in Conduit Box
- Add Longer Leads
- Install Low or High Temp. Grease
- Add NEMA C-Face
- Add NEMA D-Flange
- Design & Install Transition Base
- Add Space Heaters
- Install Winding RTD’s
- Add Thermistors
- Shaft Modifications
- Add Shaft Grounding Provisions
- Add Encoder Kit

Authorized OEM Replacement Parts

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