



"Providing Electrical Technology for the Future"

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Home of the
UpTime
 LUS Repair System

Repair Services

In-House Repair Services

- Rewind/Recondition AC & DC Motors
3 Year Electrical Warranty*
- Computer Controlled Coil Winding
- Vacuum Pressure Impregnation (VPI)
- Gear Reducer Repair
- Pump Repair
- Transformer Repair
- AC & DC Electronic Drive Repair
- Temperature Controlled Heat Stripping Oven
- Dynamic Balancing
- Machine Shop Services
- UL Approved Motor Repair

Electric Motor Testing

- Computer Controlled AC Motor Testing
Up to 2250 HP @ 4160 Volts AC
- Computer Controlled DC Motor Testing
Up to 1000 HP @ 500 Volts DC
- Full Load Motor Testing Up to 300 HP
- Data Acquisition and Reporting of
Motor Performance

Field Services

- Vibration Analysis
- Laser Shaft Alignment
- On-Site Balancing
- Installation of New Equipment
- Power Quality Analysis
- Predictive Maintenance
- Belzona Synthetic Material
Applications
- On-Site Electrical/Mechanical
Services

Engineering Services

*Operating voltage must be 600 volts AC or less and motor must be operated in accordance with nameplate specifications

Systems Integration & Automation

- Complete Design & Engineering Capabilities
- Assembly & Installation for Turnkey Projects
- Custom Controls & Panels
- Automation Services
- Start-up Services
- Engineered Drives & Systems
- PLC Programming
- CAD Drawings

Reliability Services

Advanced Winding Analysis

- Predict Motor Insulation Failure
- Testing performed in Accordance with
IEEE Standards
- Insure Consistency Amongst all Coils in
a Motor
- Waterfall Trending Provides a Visual
Representation of the Motor's
Insulation System
- Determine if a Motor's Insulation System
is Suitable for Continued Use

InfraRed Inspection Services

- Find High Resistance and/or
Loose Electrical Connections
- Find High Friction in Mechanical
Systems to Help Prevent
Unwanted Downtime
- Verify Structural Integrity of Cooling
Towers, Ovens, Furnaces,
Roofs, Steam Traps, Etc. . .
- Customized Reporting Presents the
Data the Way You Choose
- Product and/or Process Inspections

Ultrasonic Inspection Services

- Find Costly Air Leaks in your Facility
- Save Money by Reducing Compressor
Usage
- Can be Used in a Variety of Mechanical
and Electrical Situations

Vibration Analysis

- Customized Vibration Analysis
Programs Designed to Suit the
Needs of Your Facility
- Critical Path Routes Help Insure
Against Downtime
- Insightful Reports that Recommend
Corrective Action

New Products

AC & DC / Metric Motors

- Emerson Motors / U.S. Electric
- Control Techniques
- General Electric DC Motors
- ABB
- Leeson
- Baldor
- Magnetek / Century / A.O. Smith
- Marathon

AC & DC Drives

- ABB Automation
- Emerson Industrial Controls
- Control Techniques
- Magnetek / Yaskawa
- SEW-Eurodrive
- T.B. Woods
- Sumitomo
- Toshiba

Gear Reducers

- SEW-Eurodrive
- Sumitomo
- Emerson Power Transmission

Low Voltage Controls

- ABB Controls
- ABB Entelec / SSAC

Associated Products

- Ferraz Shawmut Fuses
- Eurotherm Temperature
Controls
- Saginaw Enclosures
- Hammond Transformers &
Line Reactors
- Motor Bases