24-Hour Global Field Services
On-Call For Planned Maintenance and Emergency Service

EMERGENCY PARTS AND SERVICE
- Phone answered 24/7 every day of the year
- Highly-trained field service engineers
- Global reach — immediate support
- Connected to engineering and technical database
- Large inventory of parts and kits for immediate shipment

DIAGNOSTIC SERVICES AND TESTING
- Insulation and electrical testing
- On-site cleaning and planned maintenance
- Mechanical testing and alignments
- Spares planning, fleet management
- Reliability planning and risk management

ADVANCED TESTING AND ENGINEERED SOLUTIONS
- Online electrical testing for critical equipment
- Insulation, noise, and dynamic balance
- Upgrading and power enhancements
- Heat exchanger retrofits and drop-in replacements
- Sizing and balance of systems

INSTALLATION, COMMISSIONING, AND STARTUP
- 24/7 for warranty with professional field service support and annual maintenance
- Commissioning of motors, generators, AMPLI-SPEED magnetic drives, controls, and auxiliary equipment
- Best practices, customer training, and other customized services suited to your application

Total Product Support
Electric Machinery and WEG Service Co.

A Century of Experience
A World of Solutions
Rewinds and Major Overhauls
Trust the OEM with over 70 Million Installed Horsepower and 120 Years’ Experience

COIL MANUFACTURING AND FORMING
- MANUFACTURED TO THE HIGHEST STANDARDS
- INDIVIDUALLY TESTED AND APPROVED
- MATERIALS STORED UNDER STRICT CONTROLS

STATOR WINDING
- COMPLETED BY SKILLED WINDERS
- ALL EM WINDING TAKES PLACE IN MINNEAPOLIS, USA
- FULL TESTING AT EACH STEP IN OUR PROCESS GUARANTEES WINDING INTEGRITY

GLOBAL VPI SYSTEM
- OUR DURAGUARDT M SYSTEM IS PROVEN RELIABLE FOR 20 YEARS AND BEYOND
- MANUFACTURING PROCESSES AND QUALITY CONTROLS MEET OR EXCEED NUCLEAR STANDARDS
- THOUSANDS OF INSTALLED UNITS OPERATING RELIABLY

ROTOR FABRICATION
- ALL POLES ARE DESIGNED, BUILT, AND TESTED IN–HOUSE
- EACH POLE IS INDIVIDUALLY TESTED AND APPROVED
- WE USE THE HIGHEST QUALITY RESINS AND MATERIALS TO ENSURE DECADES OF RELIABLE SERVICE

TESTING AND PACKAGING
- PERFORMANCE TESTING, HEAT RUNS AND OTHER ADVANCED TESTING ARE ALL COMPLETED IN-HOUSE
- CUSTOM SHIPPING AND LOGISTICS TO CUSTOMERS WORLDWIDE
- ADVANCED PACKAGING FOR SHIPMENT AND LONG TERM STORAGE

Reed Winder Services
Protect Your Critical Equipment with OEM Support

ENGINEERED SOLUTIONS
- CUSTOM–ENGINEERED ROTOR REMOVAL TOOLING
- DESIGNED AND MANUFACTURED BY ELECTRIC MACHINERY
- TOOLING INSTALLED WITHIN 24 HOURS OF FIELD SERVICE
- IN–SITU CLEANING GIVES NEW LIFE TO AN OLD STATOR
- SITE SUPPORT REDUCES DOWN TIME AND ENSURES OEM PROCEDURES ARE FOLLOWED

COMMISSIONING
- LET OUR TEAM GUIDE YOU THROUGH INSTALLATION AND STARTUP
- WARRANTY–APPROVED COMMISSIONING AND TESTINGPACKAGES
- ENSURE YOUR CRITICAL EQUIPMENT IS INSTALLED AND OPERATING CORRECTLY

COMPLETE ROTOR SERVICES
- NOT TESTING, INSTRUCTION, INSTALLING
- FULL-SERVICE BALANCING TO API-546
- ROTOR COOLING UPGRADES PROVIDE INCREASED OUTPUT
- GROUNDS, INSULATION, AND ADVANCED ELECTRICAL TESTS

ADVANCED DIAGNOSTIC SERVICES
- OEM ENGINEERS AVAILABLE TO SUPPORT THE MOST CHALLENGING APPLICATIONS
- ANLAMB ANALYSIS AND COOLING PERFORMANCE STUDIES
- ROTORDYNAMICS AND INERTIAL CALCULATIONS
- REACTANCE AND SYSTEM STIFFNESS MODELLING

Synchronous Upgrades and Conversions
No One Knows Your Synchronous Equipment Better

THE WEG–EM DUAL DIODE WHEEL
- MAY BE RETROFITTED ONTO ANY SYNCHRONOUS MOTOR
- PROVEN TECHNOLOGY WITH HUNDREDS OF INSTALLED UNITS
- COMMON PARTS ACROSS YOUR ENTIRE FLEET
- STAINLESS HARDWARE AND SIMPLE WIRING FOR EASY MAINTENANCE
- ELIMINATES BRUSHES AND ASSOCIATED MAINTENANCE

THE MICROPROCESSOR SYNC–RITE™
- INDUSTRY–LEADING EXCITATION CONTROL
- ALWAYS IN–STOCK AND READY TO SHIP
- RELIABLE PERFORMANCE IN ALL APPLICATIONS
- VISUAL INDICATORS SIMPLIFY TROUBLESHOOTING
- SMALL, POWERFUL, RELIABLE

GENERATOR EXCITATION
- BRUSHLESS EXCITATION CONVERSIONS
- COMPANY WIDE WAREHOUSE
- RUGGED, FORGED CONSTRUCTION
- FIELD TESTED AND QUALIFIED
- PERFORMANCE TESTING, MONITORING AND OPTIMIZATION OPTIONS
- EXCITATION CONTROL, SYNCHRONIZATION, AND MONITORING

Turbo-Generator Services
Protect Your Critical Equipment with OEM Support

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