

Company Certifications & Credentials

Managers & Engineers

President

- ◆ 30+ Years Experience in Electric Motors and Controls
- ◆ Experience in Power Factor Correction, Control System Design, Electric Motor Repair, Electric Motors & Starters, PLC's, Power Quality and Energy Management
- ◆ Experience in Commercial, Institutional, Utilities, Industrial, HVAC, Pumping System, Process Control and Manufacturing Industries
- ◆ Specialty in VFD Applications and Control Systems

Vice President

- ◆ 30+ Years Experience in Service, Repair and Fabrication
- ◆ 17 Years Experience in Engineering and Design
- ◆ Experience on Square D, Weg, ABB, Yaskawa, AC Tech., TECO, Allen Bradley, and Robicon VFDs
- ◆ Experienced with Instrumentation
- ◆ Experienced with AutoCad
- ◆ Mitsubishi VFD Specialist
- ◆ Cutler-Hammer SV9000 & CP9000 VFD Certified

VP of Operations & Engineering

- ◆ BSEE, 30+ Years Experience in Power, Motors and Industrial Controls
- ◆ Professional Engineer in California, Colorado and Utah
- ◆ Previously Engineering Manager for Geneva Steel

C.W. Silver General Manager

- ◆ BS Bio-Engineering
- ◆ MSME
- ◆ 20+ Years of Experience with Electrical Power Distribution Products
- ◆ 8 Years of Experience with SAP
- ◆ Trained in Lean Six Sigma for Manufacturing and Transactional Processes
- ◆ Holder of 5 US Patents



Chief Engineer

- ◆ BSEE
- ◆ Completed 2-year MS Course
- ◆ Completed 5-year Postdoctoral R & D
- ◆ 30+ Years of Experience in The Power Engineering and Power Electronics Industry Specializing in Analysis, Engineering, Testing, and Troubleshooting of VSD Applications, Harmonics, Electromagnetic Interference, Power Quality and Industrial Control Issues
- ◆ The Designer of EMC's Unique High-performance BroadBand "T" Harmonic Filters, Motor Terminal Filter, etc.
- ◆ PLC and HMI Programming Experience (Mitsubishi Melsec-A, FX Series, etc.)
- ◆ Authored Several Technical Papers on IEEE Transactions and Proceedings
- ◆ IEEE Member (Institute of Electrical and Electronics Engineers, Inc.)
- ◆ Holds 2 US Patents

Motor Shop Manager

- ◆ AAS Degree in Industrial Electricity
- ◆ AAS Degree in Instrumentation & Process Control
- ◆ 40+ Years Experience at C.W. Silver and Geneva Steel
- ◆ Experience on Pumps, Welders & Generators
- ◆ On-site Motor and Generator Rewinding
- ◆ Rewind Motors Up to 13,800 Volts
- ◆ Root Cause Failure Analysis Training

Production Manager

- ◆ Electrical Apprenticeship Degree
- ◆ 15 Years Experience in Service, Engineering, Design and Fabrication
- ◆ Experienced with Instrumentation
- ◆ Experienced with AutoCad
- ◆ Mitsubishi VFD Specialist
- ◆ Able to Service Cutler Hammer, Square D, Weg and Allen Bradley VFDs
- ◆ Cutler-Hammer SV9000 & CP9000 VFD Certified

Power Generation Specialist

- ◆ 30+ Years in Diesel Engine/ Generator Sales & Service
- ◆ Generac "Phase A" Service Certified

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Company Certifications & Credentials

Service Technicians

Power Quality/Project Manager

- ◆ BSEE
- ◆ 30+ Years of Experience in Service and Repair
- ◆ Power Quality Engineer
- ◆ IEEE Member (Institute of Electrical and Electronics Engineers, Inc.)
- ◆ Power Quality Analysis - Power Certificate
- ◆ NETA Affiliate Member (International Electrical Testing Association)
- ◆ PacifiCorp (Utah Power) - Power Quality Consultant
- ◆ Level 1-Infrared Training Certified
- ◆ Phase-A Generac Service Training Certified

Welders, Generators, Service, and Repair

- ◆ Certified with Lincoln Electric and Miller Electric
- ◆ Certified with Generac and Coleman
- ◆ Over 12 Years of Mechanical Experience
- ◆ Able to Repair and Service Miller, Lincoln, Hobart, Esab, and Most Other Brands of Welders
- ◆ Able to Repair and Service Generac, Onan, Kohler, and Most Other Brands of Generators, Including Stand-by and Portable Systems
- ◆ Ability to Read Schematic Drawings

Service Manager

- ◆ BSEE
- ◆ 7 Years Experience with VFD, Motor Control
- ◆ Certified with Cutler-Hammer
- ◆ Experience with Multiple VFD/Soft Starts
- ◆ Experience with UPS Systems
- ◆ Experience with Power Regulators
- ◆ Control Tech Training
- ◆ ABB Certified

Welders, Generators, Service, and Repair

- ◆ Certified with Lincoln Electric
- ◆ Certified with Miller Electric
- ◆ Certified with Onan and Generac
- ◆ 13 Years Experience with CW Silver as a Welder Technician
- ◆ Has Worked on All Brands of Welders and Generators
- ◆ Able to Perform Electrical and Engine Work on Welders and Generators

Electrical Field Engineer

- ◆ AA Degree in Industrial Electrical and Substation Maintenance
- ◆ NETA Certified Test Technician Level 3
- ◆ 25+ Years of Experience with Low Voltage and Medium Voltage Power Systems
- ◆ ASCO Certified Automatic Transfer Switch Specialist
- ◆ Certified Substation Maintenance Specialist (Electro-test Inc.)
- ◆ IBEW Local II Journeyman

Generator Repair Technician

- ◆ 3+ Generator Repair and Service Experience
- ◆ Military Training in Electronics, Solid State Devices, Electrical cv Schematics, and Wiring Diagrams

VFD Service Technician

- ◆ AASCEET (Associates of Applied Science Degree in Computer Electronic Engineering Technology) from ITT Tech as of June 2004
- ◆ 8 Years Yotal Electrical Experience (Navy, New Installs, Repairs)
- ◆ Experienced with Instrumentation
- ◆ Ability to Troubleshoot Electrical, Electronic Circuits to Component
- ◆ Ability to troubleshoot motors
- ◆ Experienced with AutoCAD & Computers

Reliability Maintenance Manager

- ◆ EASA Motor Rewind and Re-Design
- ◆ EASA DC Motor Theory and Test Procedures
- ◆ SKF CM 103 Machinery Inspection and Evaluation-Implementing Predictive Maintenance, Introduction to Vibration Analysis, Vibration Analysis II
- ◆ IRD Fundamentals of Balancing
- ◆ 23 Years of Experience in Electric Motor Repair

Motor Service & Welding

- ◆ Machine Work to AC/DC Motor Components to the Correct Tolerances Using Lathes, Mills, Drill Presses, & Grinders, Balancing
- ◆ Welding, Metal Spraying and Installing Bearing Sleeves
- ◆ Turn Polish and Undercut DC Armature Commutators
- ◆ 25 Years of Experience
- ◆ Completed Schooling at Casper College

Motor Service Technician

- ◆ 14+ Years in Motor Repair AC and DC
- ◆ EASA Certified in Fundamentals of DC Repair
- ◆ EASA Certified in Large AC Motor Re-design
- ◆ IRD Balancing and Alignment Certified
- ◆ Isuzu Diesel Certified
- ◆ Generac Phase A Certified
- ◆ EFI Engine Certified
- ◆ VS Certified Vibration Analysis
- ◆ Journeyman Motor Winder and Motor Mechanic

Motor Repair Technician

- ◆ 3+ Years Trade Tech Electrical
- ◆ 6 Months Balancing Coursework

Motor Repair Technician

- ◆ 31+ Years of Electrical Experience
- ◆ EASA Trained

Motor Repair Technician

- ◆ 28+ Years of Electrical Experience
- ◆ Journeyman Electrical Motor Winder Certified



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Capabilities of Service Division

START-UP SERVICE

EMC's experienced Field Service Engineers can install, commission, and start up your new systems.

EXTENDED WARRANTIES

EMC can offer you the best warranty coverage in the industry. We recommend EMC's optional three-year extended product warranty, for a total of up to five years of worry-free coverage.

PREVENTATIVE MAINTENANCE PROGRAM

EMC's skilled engineers know how to best maximize up-time for your system, freeing your maintenance staff for other duties.

EMC offers one, three, and five-year agreements, encompassing a broad range of services. The Preventive Maintenance Program can include your drives, motors, and interface devices.

FIELD SERVICE SUPPORT SERVICES

EMC's factory-trained support staff is just a phone call away. We offer full service contracts, as well as emergency field service (24 hours a day) and technical assistance.

IN HOUSE REPAIRS

EMC guarantees that your drive or industrial electronic equipment will be quickly repaired to the latest factory specifications. We test all equipment under load conditions.

TRAINING

EMC trains maintenance and technical personnel on a full range of drives and other product applications. We can customize a training course at our Training Center or at your facility. Our training department archives equipment manuals, documentation, and product software for a variety of manufacturers.

Customized services and service programs also available.

Warranty Service Center For:

