



## TOTAL SOLUTIONS SPECIALIST

### For All Your Electrical/Mechanical & Automation Needs

#### MOTOR SHOP

Certified technicians trained to perform complete electrical/mechanical repairs/modifications on AC and DC electric motors, servo and robotics. EASA accredited, authorized factory warranty for most all major brands, detailed reporting and root cause failure analysis. Pick up and delivery service covering Northern California and Western Nevada.

#### MACHINE SHOP

Experienced machinists specializing in rotating equipment repair, gearbox repair, shaft repair and fabrication, housing repair, precision milling, custom modifications, precision balancing, on-site machining services, pick up and delivery service.

#### FIELD SERVICES

Certified and highly trained technicians fully equipped to handle any electrical or mechanical issue. Planned or emergency downtime our expertise in troubleshooting electric motor's, motor controls and power distribution faults will help you minimize lost production. We are industry experts in predictive maintenance, shaft alignment, new installation start-up, electronics repair, arc flash compliance and switchgear maintenance.

#### NEW PRODUCTS

We are experts in the rotating equipment industry. From your power source to the last rotating apparatus our highly trained representatives are available to support any major brand industrial electric motor, power transmission and motor control. Our warehouses are fully stocked with new products for immediate availability 24 hours a day. Application specialists are readily available for on-site support to ensure our customer satisfaction.

#### WELDER & GENERATOR SERVICES

Factory certified and highly trained technicians specializing in generator maintenance/repair, generator engine service/repair, welder and plasma cutter service/repair, UPS systems. We are industry experts in generator preventative maintenance programs, RV generator service, repairs, sales and installation also rental temporary power generators with installation.

#### ELECTRICAL CONTRACTING

Whether new construction, renovation or expansion, let IEC's team of highly trained, certified electrical contracting personnel help design, build and complete your project to your specification.

#### INDUSTRIAL AUTOMATION GROUP

A team of experienced controls engineers whose primary focus is serving industrial integration and automation applications.

[www.industrialelectricalco.com](http://www.industrialelectricalco.com)  
[www.automationgroup.com](http://www.automationgroup.com)

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**RENO**  
209.579.7527

# PRODUCTS & SERVICES

## MOTOR SHOP

### UL Certified

- Rewinding AC & DC Motors
- Complete Mechanical Repair
- Complete Machine Shop
- New Motor Modifications
- Power Transmission Repair
- Special OEM Apparatus
- Hermetic Repair
- Hoist Repair
- Gearbox Repair
- Pump Repair
- Servo Motors
- Vacuum Pressure Impregnation

## INDUSTRIAL FIELD SERVICES

- 24hr Emergency Service
- Condition Monitoring Programs
- Electrical & Mechanical Troubleshooting
- Motor Surge & Hipot Testing
- Circuit Board Repair
- VFD, Soft Starters & Controllers Repair
- Fully Equipped Service Trucks
- Custom Installation
- AC & DC Drive Start Up
- Turn-Key Projects / Retrofits
- Motor Winding Analysis
- Motor Control Centers
- Switch Gear
- Soft Starts
- AC VFDs
- DC Controllers
- Starters/ Contactors
- Overload Relays
- On-Site Failure Analysis
- Field Balancing of Rotating Equipment
- Laser Shaft Alignment
- Vibration Analysis
- Ultrasonic Testing/ Analysis
- Thermography
- Power Quality Analysis

## ELECTRICAL CONTRACTING

### Industrial & Commercial

- Design & Build
- Project Budgeting
- Power Distribution
- Motor & Controls Systems
- Energy Efficient Lighting Systems
- Medium Voltage
- Voice & Data Cabling

## NEW PRODUCT SALES

### All Major Brands of AC & DC Motors

- Premium Efficient
- Horizontal
- Vertical (Hollow & Solid Shaft)
- Washdown Duty
- Gear Motors & Reducers
- Stainless Steel Construction
- Servo Controls
- Variable Frequency Drives
- Soft Starters
- DC Drives
- Motion Controls
- Magnetic Contactor Starters
- Enclosures
- Enclosure Cooling Units

### Power Transmission

- Gear Motors
- Reducers

### Motor Parts

- Bearings
- Seals
- Fans
- Brakes
- Clutches
- Sensors

## WELDER SERVICES

- Emergency Field Repair
- Calibration
- Welder Troubleshooting & Repair
- Plasma Cutter Troubleshooting & Repair
- Engine Repair
- Robotics & Servo Specialist

## GENERATOR SALES & SERVICES

- Startup Services
- Generator Transfer Switch Sales
- Installation & Repair
- Emergency Field Repair
- Maintenance Contracts
- RV Generators
- Preventative Maintenance Contracts
- Resistive Load Test
- UPS Systems
- Engine Repair
- Generator Rentals

## INDUSTRIAL AUTOMATION GROUP

- PLC Programming
- HMI/ SCADA Design & Development
- Network & Data Integration Services
- Production Reporting Systems
- Control Panel Design
- Assembly & Fabrication
- Equipment Selection & Specification
- System Commissioning
- Interactive PLC & HMI Training
- Emergency Service Support

## DISTRIBUTION & WARRANTY REPAIR

ABB / Baldor

Lenze / AC Tech

CoolBlue Inductive Absorbers

Dings Brakes

General Electric

Grove Gear

IRISS Infrared Inspection Windows

Koyo Bearings

Leeson Electric

Lincoln Electric

Meltric Plugs and Receptacles

Motortronics Motor Controls

MTE Power Quality

Nidec / US Motors

Pfannenberg Thermal Management

Reuland Electric

SEW-Eurodrive

Sterling

Sumitomo Power Transmission

Toshiba

TECO/Westinghouse

WEG

**WE OFFER TECHNICAL CLASSES**

Call to Register 209.527.2800