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## 24-Hour Emergency Service

 Authorized U.L. Rebuilding and Listing for  
Electric Motors & Generators

Listing # E61457



### **Electric Motor Rebuilding AC & DC**

#### **AC Motors, All Types, Sizes and Makes**

- Rewinding, VFD Duty Random & Form wound, All Voltages
- Vacuum Pressure Impregnation, Class H System  
6 1/2 ft. Diameter X 8 ft. Deep Tank
- Dynamic Balancing to 10,000 lbs.
- Full voltage testing to 4160 V. 3 phase
- Computerized core testing & winding data verification
- Computerized Coil Making Machine
- Lamination Repair and Restacking
- Surge Comparison Testing to 12,000 Volts
- Computerized Polarization index testing to 5000 Volts
- DC HI Pot Testing to 15,000 Volts
- Dynamometer Load Testing To 500 HP
- Babbitt Bearing Repair
- Full Mechanical Machining Repairs

#### **DC Motors, All Types, Sizes and Makes**

- Armature Rewinding, Random and Form Coil
- Field and Inter Pole Coil Rewinding
- Vacuum Pressure Impregnation, Class H System
- Commutator Replacement
- Commutator Turning and Undercutting
- Dynamic Balancing to 10,000 lbs.
- Full Voltage Armature Run Testing to 1000 V
- Bar to Bar Surge Testing to 12,000 volts
- Full Mechanical Machining Repairs

### **Pickup & Delivery Field Service**

- Electric Motors AC/DC
- On Site Inspections, Repairs, Removal and Installations
- Polarization, Hi Pot, Surge Testing
- Dynamic Balancing
- Laser Alignment
- Vibration Analysis

### **Machine Shop Services**

- Lathe Work-Metal Spray or Sleeving  
Bearing Journals and Bearing Housings
- Renew Rotor Shafts
- Repair Rotor shafts, Keyways, Pulley Seats
- Horizontal Mill Work Table Size 78" X 42"
- Dynamic Balancing to 10,000 lbs.
- Welding Repairs, Frames, End Brackets
- Babbitt Bearing Rebuilding
- Hydraulic Press Work to 300 Ton
- Miscellaneous Machining and Fabricating of  
Motor Adapter bases, Seals, Oil Rings, Specialty  
Conversions
- Lathe Work to 47" Diameter 155" Bed

### **Predictive Machinery Analysis**

- Vibration analysis
- Laser Alignment
- Oil Analysis