



Armature Electric

Est. 1929

Technical Services



Mechanical

- AC & DC electric motor overhaul
- Rotor rebarring
- Generator overhaul

Electrical

- AC rewinds up to 30,000HP (in shop & on site)
- DC field and armature rewinding
- Random wound and form coil to 15,000 volts
- A.V.R. Testing and refurbishment.

Machining

- Lathe capacity: 42" swing - 180" bed
- Shaft repairs, modifications, extensions and resurfacing
- Bearing Journal & Housing rebuilding (insulated housing)

Balancing

- Dynamic balancing up to 25,000 lbs (6 feet diameter)

Field Service

- Installation, start-up & commissioning, trouble-shooting
- Rigging and removal services
- Laser alignment
- Vibration analysis and balancing
- Thermal graphic imaging
- Dry Ice cleaning

Testing

- PdMA Motor Trending
- Partial Discharge
- Growler & single phase - rotor bar
- High pot - DC to 50KV
- Surge comparison - winding
- Core loss - motor efficiency

Welding

- Dynamometer - load testing up to 150 HP
- TIG, MIG
- Metal spray
- ARC Welding



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