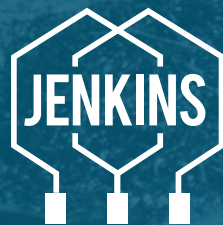


JENKINS

LINE CARD

JENKINSELECTRIC.COM

5933 Brookshire Boulevard, Charlotte, NC 28216
P (800) 438-3003 F (800) 392-2612





ELECTROMECHANICAL REPAIR & TEST SERVICES

AC & DC MOTOR AND GENERATOR REPAIR

- EASA AR100 standard
- In-house DC coil manufacturing & design
- Motor coil diagnostics & testing
- Motor testing
- Full rewind capability
- Servo repair
- Commutator repair/maintenance

MECHANICAL REPAIR & MACHINING

- Precision rebuild of pumps & gearboxes
- Turning, milling & welding
- Precision fabrication & custom parts on CNC mills & lathes
- Press work
- Babbitt bearings
- Dynamic balancing
- Equipment installation

HYDROELECTRIC GENERATOR REPAIR

- Repair, rewind & testing
- Large capacity machining & fabrication
- On-site engineering
- Generator inspection
- On-site cleaning

PUMP & GEARBOX REPAIR

- Precision gearbox rebuild
- Rebuilding of seals & re-lap sealing faces
- Pump & motor repair
- Impeller, shaft & housing machine work
- Valve repair

TRANSFORMER & SPECIALTY COIL WINDING

- EASA AR200 standard
- Transformer rebuild
- New transformers
- Quick turnaround with wire & steel inventory
- Custom specialty coils

PREDICTIVE TESTING & ANALYSIS

- Electric motor & transformer load testing
- Vibration analysis
- Thermography
- Hi-pot & surge testing
- Root cause failure analysis
- Remote monitoring
- Critical equipment storage

ELECTROMECHANICAL PRODUCTS

ELECTRIC MOTOR REPLACEMENT PARTS

- Cooling fans
- Fan covers
- Oil rings
- Motor parts
- Winding protection
- New electric motors

ELECTRIC MOTOR TEST & MONITORING SYSTEMS

- Motor test systems
- Load testers
- Oven temperature DAQ
- Load banks
- Automation services

IN-HOUSE FOUNDRY

- Non-ferrous metal castings
- Design & prototyping
- Pattern making
- Casting & machining irreplaceable parts



FACILITY CAPABILITIES OVERVIEW

OUR FACILITY

Size	50,000 square feet
Overhead Crane	20 tons
Bay Height (Vertical)	22 feet
Training Center	Classroom and hands-on

ELECTRIC MOTOR REPAIR

Burnout	72" w x 96" d x 81" h
Winding	AC to 5,000 HP/DC to 2,500 HP
Bake	72" w x 240" d x 72" h
Load Testing	4160V / 300 KVA / Servos / DC to 300 A

MECHANICAL REPAIR

Turning and Milling	72" diameter/31' length
Press Work	300 tons
Balancing	10 tons
Welding	MIG, TIG and submerged arc

TRANSFORMER REPAIR

Autotransformers	Medium voltage, dry type
Reactors	Medium voltage
Specialty Coils	Custom wound, all sizes
Testing Transformers	5,000 KVA

ON-SITE SERVICES

Vibration Analysis	Field balancing
Thermography	Laser alignment
Vehicle Capacity for Pick-up/Deliver	5 tons
Pick-up/Delivery Range	NC, SC, VA, GA, TN and WV
Rewind	Large stationary equipment

FOUNDRY SERVICES

Design/Prototyping	Metal
Metal Casting	Aluminum, brass, bronze, copper
Machining	Turning and CNC milling