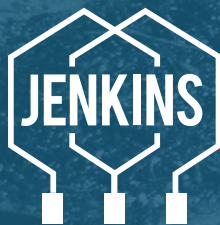


**JENKINS.COM**

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# ELECTROMECHANICAL REPAIR & TEST SERVICES

## AC & DC MOTOR AND GENERATOR REPAIR

EASA AR100 standard  
In-house coil manufacturing & design  
Motor coil diagnostics & testing  
Class F, H, C insulation materials  
Motor testing  
UL 674 certified  
Commutator repair  
DC armature rebuild  
TIG welding  
Stored Equipment Maintenance

## MECHANICAL REPAIR & MACHINING

Precision rebuild  
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

## TRANSFORMER & SPECIALTY COIL WINDING

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

## EQUIPMENT TESTING & ANALYSIS

Electric motor & transformer load testing  
Vibration analysis & thermography  
Hi-pot & surge testing  
Root cause failure analysis  
Engineering & efficiency analysis

# ELECTROMECHANICAL PRODUCTS

## ELECTRIC MOTOR REPLACEMENT PARTS

Cooling fans  
Oil rings  
Motor protection  
Terminal blocks/boxes  
New electric motors

## ELECTRIC MOTOR TEST & MONITORING SYSTEMS

Motor test systems  
Load testers  
Surge testers  
Core loss testers  
Vibration analyzer  
Oven Temperature Module  
Load banks

## 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

## MECHANICAL REPAIR

Turning & Milling	72" diameter/34' 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
Certified Hoist & Crane Inspections	Commutator repair/maintenance
On-site Service Trailer	24', fully equipped
Vehicle Capacity for Pick-up/Deliver	10 tons
Pick-up/Delivery Range	NC, SC, VA, GA, TN & WV
Rewind	Large stationary equipment

## FOUNDRY SERVICES

Design/Prototyping	Metal or 3D
Metal Casting	Aluminum, brass, bronze, copper
Machining	Turning & CNC Milling