

BURFORD ELECTRIC SERVICE, INC.



P.O. BOX 2387
(HIGHWAY 69 SOUTH)
COLUMBUS, MS 39704
WWW.BURFORDINC.COM



MOTOR CONTROLS

AC Industrial
Motor Control Centers
AC & DC Drives
AC Inverters
DC Motor Controls
Reduced Voltage Starters

NEW EQUIPMENT

Electric Motors, AC & DC
Metric Motors
Carbon Brushes
Motor Bases
Adapter Rails
Junction Boxes
Electric Motor Fans
Transformers
Phase Converters
Power Factor Correction Capacitors
Impro/Seal Bearing Isolators
Gear Boxes
Loaner Motors

AUTHORIZED DISTRIBUTION:

Siemens Hyundai
Baldor Leeson Weg

FIELD SERVICES

Infrared Scanning
Vibration Analysis
MCE Testing
Dynamic Balancing
Predictive Maintenance
Maintenance Testing-Hi Pot, P.I., Surge, Megger, Resistance, PI
Recondition and rewinding AC & DC
Commutator Repair
Bearing Replacement
Babbitt Bearing Repairs
Surge Testing
Cobb Blasting
Rotor Testing
Motor Removal and Reinstallation
Laser Alignment

CONTROLS

AC & DC Drive Repair
Drive System Design, Testing and Install
Cleaning and Reconditioning
Testing
Removal and Reinstallation
Redesign and Upgrade

IN-HOUSE SERVICES

Motor and Generator Redesign
AC & DC Motor Repair/Rewind
Fractional through 10,000 HP
Specialty Coils—Repair & Rewind
Recondition, Reinsulate, Rewedge
Commutator Repairs
Load Testing
Full Voltage Testing to 4160 Volts, w/
Electronic Bearing Temp. Monitor
Computerized Electrical Testing— Surge, Hi
Pot, El Cid, Rotor, Core, Megger, Resistance,
PdMA MCEmax Testing
Ultrasonic Testing, Shaft & Bearings
Isolation Testing Pad
Rotor Repairs
Precision Dynamic Balancing
Babbitt Bearing Repouring and Repairs
(Special Tinning Process)
UL Motor Re-certification
Transformer Repair
Pump Repairs
Gearbox Repairs
Fan & Blower Repairs
Welding & Machining
Lathe & Mill Work
Specialty Repairs & Machining

**24-HOUR EMERGENCY
SERVICE!**



662-328-5679
888-328-5679
FAX 662-329-3176

Q-A TEST EQUIPMENT

PdMA MCEmax Test Equipment
 Electrom T.I.G Winding Analyzer, 30 KV Electrom Analogger
 Hipotronics Model HD100 40,000 Volt DC Hi Pot
 Crown Insulation Tester 2500 Volt AC Hi Pot
 Baker D65R 15 KV Tester (Surge, Hipot, Phase resistance, PI)
 Multiple Amprobe 500 Volt Meggers
 Megger, AEMC Model 5000, 5000 Volt
 Lexseco Core Loss Tester Model 2125, 12.5 Volts—20 Volts with printer
 El Cid (Electromagnetic Core Imperfection Detector) with Printer
 Bar to Bar Commutator Surge Tester
 Test Panels, AC/DC, 460, 2300, 4160 Volts
 High Frequency Tester, 400 Hz, Stationary and Portable
 Load Tester, Model 1900, 900 HP
 Growlers (3), Up to 25 KVA Capacity
 Isolation Testing Pad, 8' X 8'
 Ultrasonic Tester, for Shafts and Bearings
 Electronic Bearing Temperature Monitors

CLEANING AND BLASTING

Steam Cleaning Room 20' L X 12' W X 14' H
 Sandblast Room 20' L X 14' W X 14' H
 Bead Blasters (2), Cabinet Type
 Portable Blasting Pot

REPAIR FACILITIES—SQUARE FOOTAGE

Small Motors.....5,600 SQ. FT.
 Large Motors, Winding.....8,000 SQ. FT.
 Large Motors, Machine Shop.....5,000 SQ. FT.
 Large Motors, Main Repair Area.....13,500 SQ. FT.
 Electronics.....500 SQ. FT.
 Warehouse.....5,400 SQ.FT.
TOTAL.....38,000 SQ.FT.

PREDICTIVE/CORRECTIVE EQUIPMENT

Machinery Analyzer/Data Collectors.....CSI 2130 and CSI 2120 (dual channel)
 Vibration Software.....Emerson AMS
 Balancing Software.....CSI FastBal II
 ODS/Modal Analysis.....ME'Scope/VibPro Software
 Motor Circuit Evaluation/Software.....PdMA MCEmax
 Laser Alignment/Software.....Easy Laser
 Ultrasonic Tester.....Krautkramer Branson USK-7
 Infrared Scanning/Software.....FLIR P60
 Airborne Ultrasonics.....UE Systems Ultra Probe

COIL MANUFACTURING EQUIPMENT

Programmable Automatic Coil Winding Machines
 Manual Coil Winding Machine
 Automatic Winding Machine, 75" Capacity
 Hydraulic Coil Press

RESIN AND OVENS

V.P.I Tank, 10' X 10' with Shaft Well, Using Epoxy Resin with digital Recording System
 Auto Dip & Bake S&W, 36" X 36" X 48"
 72" Baking Oven
 7' Baking Oven
 14' Baking Oven with Part Temperature Control Recording Monitor
 3' Burn Out Oven
 64" Burn Out Oven
 10' Burn Out Oven with Part Temperature Control Recording Monitor

CRANES AND LIFTING CAPACITY

OVERHEAD

25 Ton

20 Ton

15 Ton

10 Ton

3 Ton

2 Ton

Multiple 1 and 2 Ton Jib Cranes

MACHINE SHOP

Engine Lathes

120" X 288"
 36" X 144"
 32" X 228"
 24" X 101"
 22" X 96"

20" X 80"

18" X 108"
 12" X 36"

Mills

Boring— 4 1/8" Bar-
 Milling—10" X 50" Table
 9" X 42" Table

Presses

30 Ton 36" X 44"
 400 Ton 7' X 12"

Welding

Tig, Heliarc, Stick, Wire,
 Oxygen, - Acetylene,
 Metal Spray (Stainless
 Steel, Brass, Carbon
 Steel, Super Metals)

Babbitt

Tin Bath, 26"
 Jigs, Molds and Fixtures
 Babbitt Melting Pot

Balancing

IRD Balancer, 5,000 LBS
 Dyna-Bal Balancer,
 30,000 LBS

Our Machine Shop is setup to handle jobs of all sizes. Press work, pump repair, gearbox repair, fan and blower repairs, lathe and mill work, welding, machining and babbitt bearing repairs. We can also do custom fabrication via your print design.

TRANSPORTATION FLEET

Tandem Axle 18 wheel Tractor Trailer equipped with AirRide

Tandem Axle Gooseneck Trailer—GVW 22,000 LBS

Multiple vehicles rated from 3/4 to 1 1/2 Tons