

IN-HOUSE MACHINE SHOP

- Repair babbit bearings (spin casting or puddle)
- Repair endbells and endbell fits
- Repair & manufacture shafts for motors and generators
- U.L. inspection on explosion proof motors
- Weld or metalize critical fits (bearing journals, coupling fits, seal fits, etc.)
- Repair runouts on face, boss fit & shaft fit to less than .001
- Modify/redesign motor to customer specs
- Repair/fabricate, labyrinth seals, slip rings, oil rings
- Fabricate & machine motor bases & adaptor plates



"Committed to the Customer"

Over 150 years combined experience in rotating equipment and custom part fabrication and modification. Specializing in "one-off" fabrication from welding to custom manufacturing, we have your solution.

NEMSCO

NATIONAL ELECTRIC MOTOR SERVICE CO.

Service Center Contact Information

Physical Address:
11048 Cloverland Avenue
Baton Rouge, Louisiana 70809

24-hour service

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NEMSCO

NATIONAL ELECTRIC MOTOR SERVICE CO.

Repair Center & Machine Shop



PLANT FACILITIES & EQUIPMENT

- Two (2) 10-ton bridge cranes in warehouse
- One (1) 15-ton crane in warehouse
- Computerized IRD Model 246 dynamic balancing instrument
- CSI 2130 Machinery Health Analyzer
- Burn off oven: 7' x 8' x 9' (with Temperature Chart Recorder)
- Bake out oven: 7' x 7' x 8'
- 1000V Megohm Meter
- Lexseco Model 2125A Core Loss Tester
- VPI (Vacuum Pressure Impregnation) Tank
- Dip tank 6' x 6' x 6' with polyester varnish
- Sandblast booth with dust collector
- 20" x 72" Monarch Engine Lathe
- 34" x 168" Kingston Engine Lathe
- 54" x 36" Bullard Vertical Turret Lathe
- 10" x 24" Vectrax Knee Mill
- Portable Climax Key Mill
- 12,000 square foot climate control warehouse

REWINDING DEPARTMENT

- Rewind AC induction motors up to 3500HP
- Random (mush wound) with inverter duty wire
- Core loss testing on all stators; core repair or replacement on stator
- Redesign motors in horsepower (HP), revolutions per minute (RPM) or voltage (V)
- 4' VPI (Vacuum Pressure Impregnation) Tank
- Rewind poles, interpoles & armatures on DC motors
- Rotor rebar & rebanding
- Rewind on wound rotor motors (random & form coils)
- One (1) year warranty on all repairs



DICKSON



COMPLETE AC MOTOR REPAIR

- AC complete motor rewinding up to 6900V
- Complete motor reconditioning
- Class F & H insulation
- Rewinding of magnetic coils & brakes
- Dynamic balancing, up to 25,000 lbs
- QA/QC EASA 2000
- Free pickup & delivery

PdMA

- Evaluates all six fault zones:
 - Stator windings (inductive imbalance, resistive imbalance)
 - Rotor integrity
 - Motor air gap
 - Power quality
 - Power circuits
 - Insulation
- Can be used to trend motors & eliminate downtime



MCETM
MAX

PdMA
CORPORATION