



Your Partner for AC/DC Motors, Repair Services, Industrial Controls, Mechanical Power Transmission Products and Components for Wind & Renewables



DISTRIBUTION



AUTOMATION



WIND



MOTOR REPAIR LINE CARD

REPAIR & REPLACEMENT OFFERINGS

Common Assets Serviced in Shop

- AC Motors
- DC Motors
- Gear Boxes
- Pumps & Blowers
- Generators
- Servos
- Electric Board Repair
- Encoders



Onsite Support Services

KURZ strives to continuously raise the bar through Engineering Innovation and Value-Added Field Services. Our skilled staff is available to your company 24 hours/365 days a year.

- System Installation & Start-up
- Panel Design, Build & Installation
- Laser Alignment
- Electrical & Mechanical Installation
- Vibration Analysis
- Motor Electrical Testing
- PDMA Testing



Watch our Shop Overview Video!
kurz.com/about-us

Authorized Warranty Repair Center

- Motors
- Gear Reducers
- VFDs
- Bearings
- Seals
- Couplings
- Clutches & Brakes



US Electric



marathon[®] Motors



TOSHIBA



Kurz Motor Repair Standards:

- Use of Class N Insulation
- VPI - Vacuum Pressure Impregnated Insulation
- Commutator Profiling
- PDMA Testing
- Detailed Customer Repair Specs



LEARN MORE



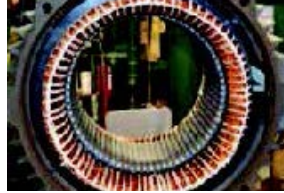
about common motor failures & troubleshooting

kurz.com/whitepapers

Standards of Our Motor Rebuilds & Rewinds

Class N Insulation System

KURZ is PROUD to note that the materials used in every repair meet the Class N. Insulation Index Standards.



U.L Standard 1446 Insulation Index		
Class	Degrees	Temp Rise - Ambient - Hot Spot Allowance
Class A	105°	60+40+10
Class B	130°	80+40+10
Class F	155°	105+40+10
Class H	180°	125+40+10
*Class N	200°	150+40+10

- Magnet Wire
- Lead Wire - NEMA Grade 2
- Varnish
- Insulating Films & Papers Type 410 Nomex

Controlled Process

KURZ follows a RIGID set of Controls in every repair that MEET or EXCEED MFR Specifications.

Controlled Burnout & Bake Ovens

Our Equipment is temperature controlled to provide a tightly regulated control of (+/-5) with a maximum degrees F

- Protection against coreloss and intermedial lamination breakdown
- Allows for effective burnout of both organic and inorganic electrical steel without impacting motor efficiency
- Temperature/Time controlled

EASA Winding Technique

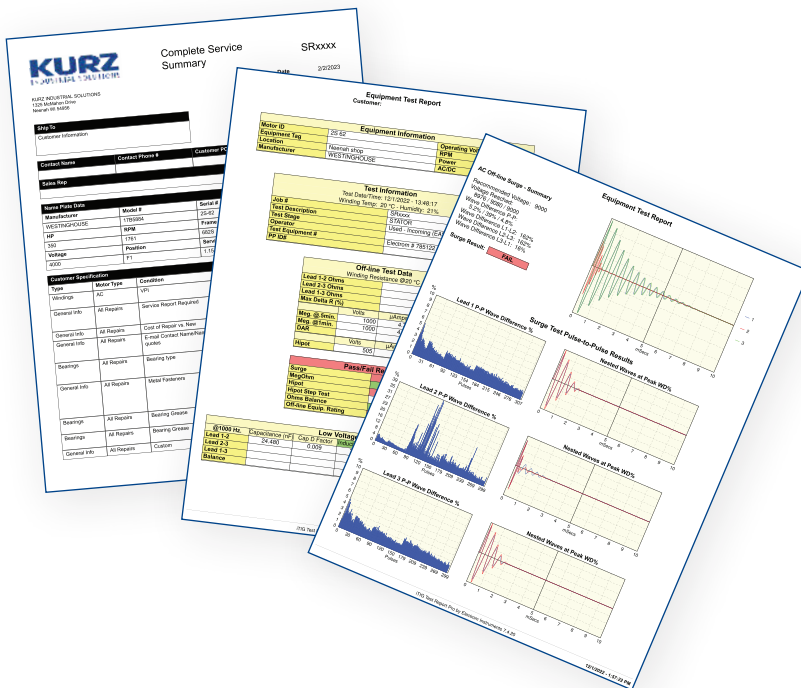
- Documented Process on all Winding Data
- Factory Specific Coil Head Length & Circular Mills
- Expert Winding Staff with over 75 combined years of experience
- Highest U.L> Standard - Class N Insulation System

Controlled Rotating Machinery & Testing

- Automated Undercutting Machinery
- Digital Commutator Profiling and Reports

The Kurz Difference

Service Report Available for Every Repair



Asset Touch Points

- Notifications of your Asset's progress through our shop from the time it is scheduled for free pick up to the dropped off

Customer Online Portals

- View your Service and Customer History
- Order New Product
- Review Open Quotes, Orders & Invoices
- See your Kurz Documented Savings Totals

Modern Diagnostics & Reporting Tools

- Partial Discharge Test
- Balancing to NEMA MG1 and ISO 2.5 or 1.0
- Low Impedance Resistance Test
- Asset Trending Analysis
- Core Loss Testing Before & After Rewind
- Surge Test
- Megger Test
- Hi-Pot Test
- PI Test



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