



# LONGO

**Largest Independent Electrical-Mechanical Sales & Service Firm in the Northeast**



# Motor Rewinding

**See why all rewinds are not the same.**

*Our New*  
**5 YEAR WARRANTY**

*Longo has increased its warranty period to 5 years on above NEMA motor rewinds. After examining how our rewind motors have stood up in the field, it made sense to provide this increased warranty period. You can be confident that the motors you need rewind will receive the best repairs in the industry—we're standing behind them.*

**Longo's Five Year Warranty\* on above NEMA motors goes beyond standard motor rewinds warranties to provide you with superior value. Our carefully developed specifications are complimented by outstanding craftsmanship, today's most advanced equipment, testing, and documentation to assure optimum performance.**

**The Longo difference can mean longer equipment life, greater efficiency, lower maintenance costs, improved productivity and less downtime.**

\*Electrical motors rewound in Longo Servicenter, and, when operated in accordance with nameplate ratings and application conditions consistent with the design enclosures of the unit. 5 year period begins on date of shipment. All other terms apply.

**THE METHODS AND MATERIALS THAT CONTRIBUTE TO LONGO'S SUPERIOR WINDINGS**

1. Upon receipt, complete electrical and mechanical fault testing is done and the technical data is permanently recorded.
2. Computer verification is done for all winding design parameters.
3. The stator windings are roasted in a state-of-the art, temperature controlled oven equipped with a water-suppression system.
4. Core Loss testing is performed before and after to ensure efficiencies do not deteriorate by the pyrolyzation process. Infrared camera for thermal imaging of any hot spots.
5. **Every coil** is tightly braced and turbine ties utilized to prevent mechanical migration of the coils.
6. All insulation materials are Class H system (356°F)
7. All internal connections are fused with silver brazing rod.
8. Multiple surge rings provide extraordinary mechanical restraint.
9. Motor windings are vacuum pressure impregnated with Temperflex epoxy resin which provides superior electrical, mechanical and environmental strength, as well as excellent thermal resiliency. Capable of water immersion testing.
10. Documentation is retained for 7 years.



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*Service Through Knowledge® Since 1945*