



LONGO

INVERTER-DUTY MOTOR REWIND

INSIST ON . . .

SURGE SHIELD™

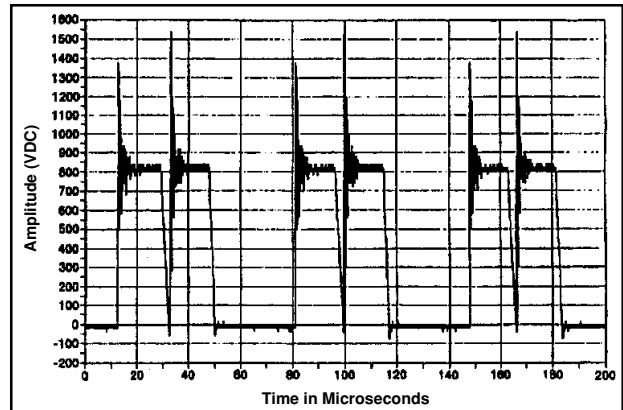
Our Spec for Rewinding

INVERTER-DUTY MOTORS

AND OUR★★★★
Exclusive process assures retention of original name-plate efficiency!
PLUS★★★★ 3 Year War-ranty

Unequalled Features of *SURGE SHIELD™*

- *Inverter-Duty magnet wire resists high frequency pulses, i.e. spikes*
- *Increased insulation:*
 - to ground
 - on coils and end turns
 - between phases
 - between turns
- *VPI - with epoxy resin*
- *Special impregnation process to exclude voids in insulation - the real "CULPRIT"*
- *End turns get special bracing*
- *Coils are interlaced*
- *DuPont's class "H" NOMEX® throughout*
- *Three year electrical warranty (Alpha-Gamma™) applies on all NEMA frame rewinds*



Can your Drive Motors survive this test?

Specify the Longo Engineered Inverter Duty Rewind (***SURGE SHIELD™***) System for your inverter motors which are (or better be) used on all adjustable speed drive (ASD) applications. Modern solid state drives use pulse width modulation (PWM) to vary the voltage/frequency ratio. But PWM drives using IGBT (insulated gate bipolar transistor) switching generate a wave form spike up to 2000 volts which can damage the stator winding!

Longo's exclusive ***SURGE SHIELD™*** winding system is backed-up by our **3 year warranty**. This means that your inverter motor can run safely and reliably in the face of repetitive up to 20,000 per second voltage surges.

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"Service Through Knowledge"®
Since 1945