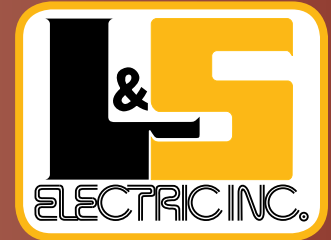


Voltage Discharge Testing on AC/DC Motors



Dedicated People, Quality Products, and Above All, Service.

Bearing damage resulting from shaft currents going to ground through the bearing has become more common, especially with the increasing use of variable frequency drives (VFDs).

The best measurement to identify bearing shaft currents is taken with a scope-meter. While the motor is in operation, a probe is placed on an exposed area of the motor shaft, which gathers the shaft voltage data for analysis.

Both AC and DC motors can be plagued by bearing shaft currents, which may cause the raceways to become seriously frosted, fluted, and then spalled.

L&S Electric's Reliability Field Service Team provides on-site analysis of your motors which are capable of producing shaft currents. Not only are potential problems identified, but corrective actions are recommended so that a low cost repair can be made (often on-site) to prevent bearing failure.



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