

# EMP ENGINEERING SERVICES, INC.

*THE CONDITION MONITORING PROFESSIONALS!*

## MOTOR CIRCUIT EVALUATION (MCE) TESTING

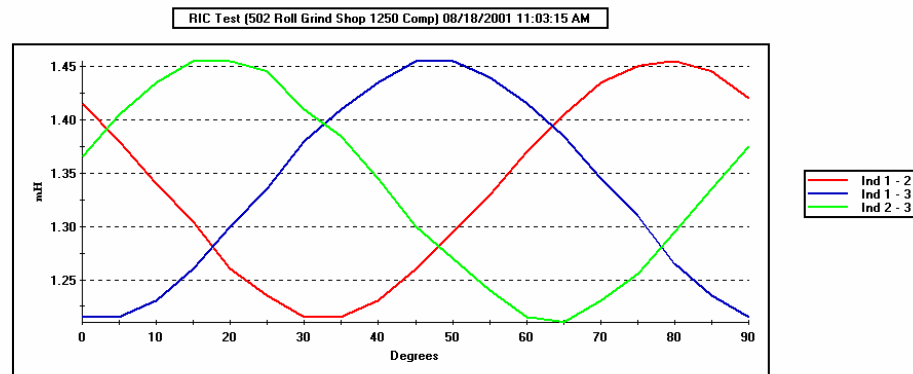
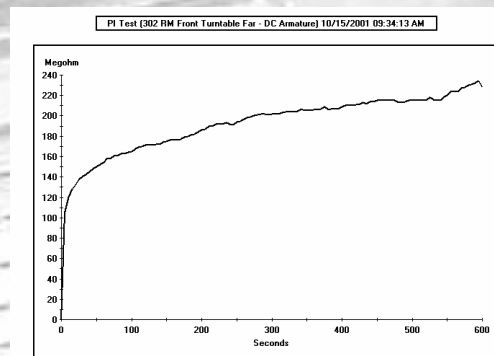
### Periodic Motor Testing for State-of-the-Art Condition Assessment.

Measures, logs and trends:

- Temperature-compensated insulation resistance (megger) measurements.
- Capacitance-to-ground (CTG).
- Self-Inductance
- Circuit resistance

#### Other tests

- Polarization Profile - Provides greater insight into insulation condition on systems with low megger values.
- Rotor Influence Coefficient (RIC) - Will assess rotor faults such as broken bars and shorted laminations and also air gap uniformity.



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