

Electric Motor Testing

TIMKEN

Where You Turn

How do motors fail?

Often electrical defects are the root cause even when mechanical failure is the apparent cause. A study by the Electrical Power Research Institute (EPRI/GE Study 1985) identified that a major source of motor failures was electrical.

Your solution:

Complete your electrical motor maintenance program with the addition of Timken's independent electric motor testing service. Our service provides more information in three minutes than any other predictive technology. Use it for:

- *Quality assurance – Pre-qualify motors upon receipt and/or evaluate quality after costly repairs.*

- *Trending – Stores your motor data and immediately alerts you if there is an alarming condition.*
- *Diagnostics/troubleshooting – Analyze data, define problems and isolate the root cause of each potential motor failure.*

Your benefits:

- *Comprehensive – Timken tests all potential fault zones: stator, rotor, air gap, power quality, power circuit and insulation.*
- *Correlative – Correlates both online and offline data to confirm troubleshooting efforts.*
- *Versatile – Tests AC induction, synchronous, wound rotor, DC, specialty motors, generators and their associated wiring.*



About Timken Reliability Services

Timken Reliability Services collaborates with customers to define their Reliability needs and develop a solution specifically designed to meet those needs. Critical to a successful Reliability program is Timken's proven award winning method of managing a program's data and delivering tangible results. We help a broad array of industries – from mills to power plants to mining companies to food processing – solve their maintenance problems utilizing the full expertise available from the Timken Company.



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Precision Components • Lubrication •
Seals • Remanufacture and Repair •
Industrial Services
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10M 09-06-29 Order No. 10056