

Quick Reference Guide to De-Energized Motor Circuit Analysis Testing



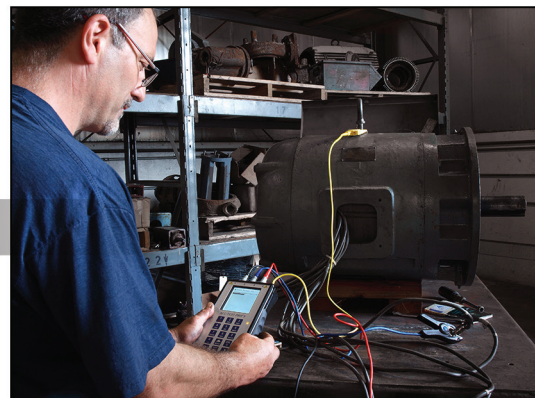
A single 2 minute de-energized MCA test can show you:

- Developing Winding Issues
- Winding Contamination
- Open Phase
- Shorted Windings
- Grounded Windings
- Poor Connections

Or
An Electrically Healthy Motor

Commissioning and Quality Control

Test new motors for quality and condition.
Test spare motors in storage.
Test motors before and after repair.



Trouble-shooting - Know in minutes the condition of your motor

Hours can be saved in identifying the problem

- Looks at connections, cable and motor from MCC, at starter, at VFD or at disconnect.
- Takes the guess-work out of determining if you have a Mechanical or Electrical problem.

Finds "Good" motors as well as "Bad" motors

- Eliminates "No Problem Found" at the motor shop.

Eliminates wasted time in R & R

Save Test Value Static (TVS) & other data for trending

Problem is not at Motor-Look upstream

GOOD

Perform Test at MCC

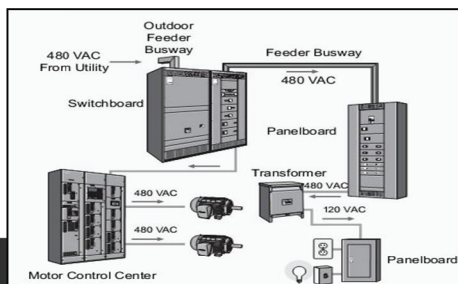
BAD

Test at Motor with Leads Disconnected

GOOD

BAD

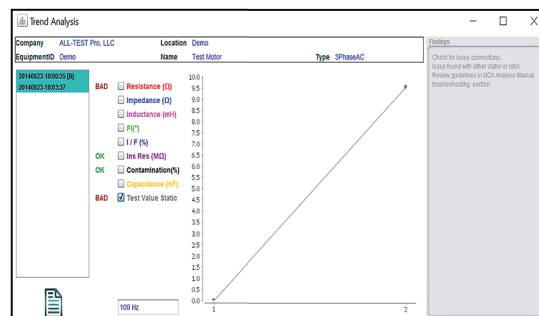
Problem is with the Motor



Predictive Maintenance

Improve your Motor Reliability with Conditioned Based Monitoring

- Detect issues before catastrophic failure occurs.
- Reduce or eliminate electrical motor failures by testing motors at regular intervals.
- Trending the test results means early detection of changes in the condition of the motor - allowing the motor to be replaced before it fails.



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