



Electric Motor Testing Tip of the Week

revolutionizing *electrical* reliability

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Correlating Armature Current Trends and Insulation Resistance-to-Ground

Measuring the percent difference in the input and output armature current of a DC motor can provide a trending tool to identify current leakage to ground. Motors showing increasing trends in the armature differential current should be given higher priority for shutdown insulation testing, inspections, and possible cleaning.

For more details on dynamic DC motor testing go to www.pdma.com/PDF/Articles/Online_Fault_Analysis_of_DC_Motors.pdf

You are invited to submit an Electric Motor Testing Tip of your own and receive a free PdMA mug or hat if we publish it! Contact Lou at 813-621-6463 ext. 126 or lou@pdma.com.

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