



Electric Motor Testing Tip of the Week

revolutionizing *electrical* reliability

May 19, 2008

Power Analysis Testing - Part One

The PdMA tester records over 250 different parameters. Looking at all the information provided in the results page can be overwhelming. Reducing all these values to the fault zones they address, can make diagnosis that much easier. The power analysis capture addresses three of the six fault zones, Power Quality, Power Circuit, and the Stator fault zones. By understanding what values address each fault zone, a systematic, methodical analysis can be performed with very little effort.

Voltages, Crest Factor, and Harmonics = Power Quality

Voltage and Current = Power Circuit

Current, Impedance, and Power Factor = Stator

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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