



Tip Of The Week

October 26, 2009

Insulation Resistance Profile (IRP)

A graph of resistance vs. time, which may be termed an Insulation Resistance Profile (IRP) or a Polarization Index Profile (PIP), may provide useful information in addition to the standard Insulation Resistance (IR) and the Polarization Index (PI) values. Additionally, the IRP provides useful information in higher Megohm ranges (i.e., >5000) that may otherwise have been overlooked.

For more information on IRP and its use for predictive maintenance on motors, see the Insulation Resistance Profile article at <http://www.pdma.com/PdMA-articles.php>.

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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