



A Leader in Electric Motor Testing

Tip Of The Week

March 4, 2019

Qualifying Impedance Imbalance

Impedance is the opposition to AC current flow. It can be used in a three phase AC motor circuit to identify load, power circuit, or stator anomalies. Field experience has shown that in a loaded condition, if the current and impedance imbalance values are similar but high then a power circuit anomaly is likely the cause. However, if the impedance imbalance is substantially higher than current imbalance, then a stator anomaly becomes the primary concern. For an example of this type of anomaly go to: http://www.pdma.com/PdMA_success_stories.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.166 or lou@pdma.com.

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