



A Leader in Electric Motor Testing

Tip Of The Week

May 22, 2017

DC Motor - Brush Arcing

Our eyes looking through a commutator viewing window are still one of the best tools for identifying excessive arcing and sparking of the brushes on a DC motor. However, trending of the armature voltage in the time domain can provide an alternate visual tool in the detection of poor commutation and offset in the magnetic center. To see an example and read more about this technique please read: http://www.pdma.com/pdfs/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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