



A Leader in Electric Motor Testing

Tip Of The Week

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IEEE Standard Relaxes on DC Armatures

Have you ever had a difficult time clearing the minimum insulation resistance required by IEEE for your DC armature? So have the rest of us. But, that has all changed with the release of the 2013 revision of the IEEE 43 Standard (Recommended Practice for Testing Insulation Resistance of Rotating Machinery). Table 3 – Recommended minimum insulation resistance values at 40°C used to specify 100 Mohms for DC armatures. Now in the 2013 revision Table 4, the recommended minimum insulation resistance values at 40°C specifies 5 Mohms for DC armatures. For the electrical technicians who have been covered from head to toe in carbon dust in a cleaning effort to exceed 100 Mohms of insulation resistance, this is a welcome change.

Thank you IEEE 43 committee.

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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