



# Tip Of The Week

**November 1, 2010**

For the remainder of 2010 our Tip of the Week will consist of a true/false question presented to the Tip of the Week recipients.

**The November 1, 2010, question:** Cracked or broken rotor bars at the end ring of a squirrel cage induction motor will cause a reduction in reflected impedance resulting in a lower average inductance as measured from the stator windings. True or False.

This statement is false. The correct statement is: Cracked or broken rotor bars at the end ring of a squirrel cage induction motor will cause an increase in reflected impedance resulting in a higher average inductance as measured from the stator windings.

If you answered incorrectly and feel you need additional training OR if you answered correctly and still feel you need additional training, we can help you. Our training department offers classes on various topics, click here (<http://www.pdma.com/PdMA-training.php>) to go to the training page. We also have a Data Interpretation Book available to help you. Contact PdMA ([pdma@pdma.com](mailto:pdma@pdma.com)) or call (813) 621-6463 for information.

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](mailto:lou@pdma.com).

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