



A Leader in Electric Motor Testing

# Tip Of The Week

July 5, 2016

## Test Your Knowledge (continued)

Which answer is correct? In the last Tip of The Week we discussed an EPRI (Electric Power Research Institute) study evaluating motor failures where 37% of the motor failures were winding related and 10% of the motor failures were rotor related. Additionally, 41% of the failures were related to bearings and 12% to other.

Of all of these failures, design and workmanship of the manufacturer or rebuilder were responsible for what percent of these failure modes?

- A. 27%
- B. 39%
- C. 48%
- D. 65%

The correct answer is D (65%). This data brings to light the importance of quality control as a key element in your electric motor reliability effort.

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 to go to the training page on our website (<http://www.pdma.com/PdMA-training.php>).

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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