



A Leader in Electric Motor Testing

# Tip Of The Week

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August 25, 2015

## The Wisdom of Why

Last week's tip on The Five Whys of Motor Failure presented a very basic cause-and-effect relationship. However, as pointed out by some very experienced group members, rarely is it quite that simple. More often there will be a significant disagreement between analysts as to the actual root cause. Based on their individual backgrounds and knowledge of a system, different analysts may each offer a different answer to the question "Why?" Each of their answers may in fact be contributing causes with their own solutions, but solving only one may not sufficiently reduce the risk of a repeat failure. To quote Stu Mugford, co-founder of Kadon Electro Mechanical Services Ltd., "Anybody can fix the problem. But not anybody can prevent it from happening again."

For a free Microsoft Excel Cause Mapping template designed to optimize your root cause failure analysis please visit the ThinkReliability website at <http://www.thinkreliability.com>

You are invited to submit an Electric Motor Testing Tip of your own and receive a free PdMA<sup>®</sup> 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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