



A Leader in Electric Motor Testing

# Tip Of The Week

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November 2, 2015

## Justification Series Tip #3

### Start at the Beginning

The final tip of the justification series is to remind us that justification should not start at the end of life (troubleshooting), rather it should begin at the beginning of life (quality control). How do you quantify savings when finding problems with a motor before it is ever installed? At minimum, identifying a motor defect before a motor is placed in service will prevent wasted man-hours installing a defective motor. However, imagine the environment if this new or refurbished motor, freshly picked from the warehouse, is placed in service only to experience a failure on start-up. If the motor application is critical enough that it has reduced production or worse caused a loss of production then the stress level will be high. One metric to consider in justification is the Mean Time To Repair (MTTR). MTTR will be directly influenced by the performance of quality control on your new or refurbished motors and is a major attributing factor to a reduction in unplanned downtime.

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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