

March 29, 2010

Time to Trend

Two weeks ago we discussed the importance of Quality Assurance (QA) to ensure a healthy start toward achieving a full design life expectancy of the motor. This week we want to continue with the second of the three basic reliability fundamentals (QA, Trending, and Troubleshooting).

Trend is your friend and this is never more obvious than when a catastrophic failure occurs with no historical comparison available. Unfortunately all too often the first test performed is the post-failure test. Not all tests are going to present an obvious fault. Instead, they will present a slow trend that will alert the analyst with a change from baseline alarm.

So allocate the necessary time to collect data at the recommended intervals based on the criticality of the asset being monitored.

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.