



A Leader in Electric Motor Testing

Tip Of The Week

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New Year Motor Reliability Tip

It's the beginning of a new year and time to remind ourselves of the need for an annual review of our caution and alarm setpoints. Whether you are leaning on reliability, operations, or even machine learning for your alarm monitoring you should annually review the setpoints to make sure they are not too conservative resulting in nuisance alarms, or too liberal resulting in missed indications leading to unexpected failures.

Remember to check in with your equipment vendors during this review to identify any default alarm setpoint changes they recommend and to learn of any new tests or alarms that have been added through software updates. Be careful not to allow a more conservative setpoint established by your equipment vendor to overwrite a local setpoint developed from experience with onsite analytics and historical knowledge. Pay close attention to any application or system changes that would demand a new baseline for alarm setpoint establishment and learning. For MCEMAX® users the interpolate and series windings are new sections added to the DC Motor testing. Once the baseline is established it is important to establish alarm setpoints.

Although your equipment vendors should be keeping you abreast of industry standard changes, it is a good idea to check in with the high profile standards for any changes effecting your industry. For the electrical reliability industry IEEE, EASA, and NEMA are examples of high profile industry standards that your electrical reliability team should be aware of.

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. 166 or lou@pdma.com.

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