



Tip Of The Week

July 25, 2011

Evaluating Band Alarms

In spectral analysis tests software programs will usually establish certain default band alarms such as the speed peaks in the PdMA Demodulation test. Be sure you evaluate these alarms for your system and verify the default band alarms are sufficient for your asset application and criticality. Additional spectral band alarms can be added manually such as those for a 2-pulley belt driven system. Be sure you establish proper band alarms for 1x and 2x belt frequencies as they both should be evaluated. Band alarms for 1x belt frequency are recommended at baseline +10% for caution and baseline +20% for severe. For 2x belt frequency, alarms are recommended at baseline +25% for caution and baseline +50% for severe.

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.

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