



Tip Of The Week

October 27, 2008

Power Factor Correction Capacitor Influence on Current

When performing power and efficiency analysis on an AC induction motor, it is important to identify the location of any power factor correction capacitors in the circuit. Although voltage is unaffected, testing the current upstream of the power factor capacitor will give a higher power factor and a lower current than the motor is actually experiencing. Not knowing the health of the power factor capacitor can negatively affect the distribution power factor, increasing the reactive loading and utility costs.

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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