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Testing VSD/VFD Drives

Where is the best place to collect MCE/offline data on a motor being driven by a VSD/VFD? The input section? The output section? Or neither? The answer is neither. The VFD should be disconnected entirely from the motor when performing MCE/offline testing.

Where is the best place to collect EMAX/online data on a motor being driven by a VSD/VFD? The input section? The output section? Or both? The answer is both. By capturing data from both the input and output sections you can get a total health of the motor and VSD/VFD.

For more information about VDF testing and analysis read *Application Note - VDF Testing and Analysis* at <http://www.pdma.com/pdfs/appnotes/0301-VFD.pdf> and *VFD Motor Testing* at <http://www.pdma.com/pdfs/Articles/VFDtest.pdf>.

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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