



A Leader in Electric Motor Testing

Tip Of The Week

January 20, 2014

Start Safely

During the start of an AC induction motor, particularly across the line, a large amount of current is applied through the power circuit and to the stator windings. This places intense electrical and mechanical stresses on the entire motor and is a more likely time for failure. Therefore, when connecting electrical test equipment like the MCEMAX[®] to the starter or even a test port like the MTAP2[®] to capture an In-Rush/Start-Up test we should not be in front or nearby the starter cabinet. A catastrophic failure in the direct vicinity of the starter can breach even a closed cabinet door. So, stay clear of the starter and take advantage of the trigger pre-sets when capturing In-Rush data.

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.

Copyright 2014 PdMA[®] Corporation. All rights reserved. The PdMA Tip of the Week is produced by PdMA. PdMA shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon.