



Tip Of The Week

March 30, 2009

Check Your Connections

When performing an offline test on a motor, it is very important to verify that all connections have a proper contact. If you connect a test lead to a motor lead terminal, you must ensure there is good contact between the jaws of the lead and the terminal. These connections are often covered with debris, oil, dirt, etc. In other cases, the testing location is covered in insulating material which must be removed prior to testing. Insulating material that has been removed can often leave residue, such as glue residue, behind that is not visible. A good practice is to always thoroughly clean the spot where the test leads will be connected.

The MCEMAX Tester includes a Test Lead Check that verifies proper connectivity of the tester to the motor lead or terminal. The lead check is performed before and after every AC Standard Test and periodically throughout the RIC test. This ensures proper connectivity and the most accurate test results possible. If there is a poor metal to metal contact between the tester leads and the testing spot, the software will alert you of the exact phase that needs attention.

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 2009 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.