



Electric Motor Testing Tip of the Week

revolutionizing *electrical* reliability

July 17, 2006

Changes in Insulation Standard IEEE 43

The IEEE - 43 Standard "Recommended Practice for Testing Insulation Resistance of Rotating Machinery," previously stated that the minimum insulation resistance was 1 Megohm per 1000v applied + 1 Megohm, resulting in a 5.16 Meg minimum insulation resistance for a 4160v AC induction motor. The new IEEE-43-2000 standard increased the minimum insulation resistance for post 1970, form wound insulation systems, to 100 Megohms, 20 times higher than the previous standard released in 1974.

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 Martindale at 813-621-6463 ext. 126 or lou@pdma.com.

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