

Polarization Index Test

Polarization Index Test is for the measurement of insulation resistance of rotating machinery rated 1 HP (1 KW) or greater. Testing is done per IEEE 43, latest revision. Polarization Index is the ratio of a 10 min. resistance to the 1 min. resistance with constant test potential applied. Per IEEE 43-2013 Part 12.2.2, when the insulation resistance is higher than 5000 MΩ, the Polarization Index test can have inconclusive results and may not be a valid indication of the insulation condition. Therefore, Polarization Index is not recommended as an assessment tool.

Tests may also be performed as a witnessed test. Test schedule must be coordinated with the ABB Motors and Mechanical Inc. corporate office and additional lead time will be required to allow for this to be completed.