EXPERIMENT # 12

TO CHECK INSULATION OF DIFFERENT EQUIPMENTS USING INSULATION TESTER (MEGGER)

OBJECTIVE:

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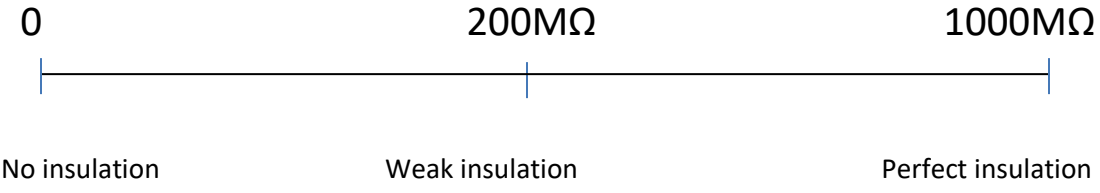
THEORY:

Megohmmeter (sometimes referred to as a megger) is a special type of ohmmeter used to measure the electrical resistance of insulators. Insulating components, for example cable jackets, must be tested for their insulation strength at the time of commissioning and as part of maintenance of high voltage electrical equipment and installations.

UT-511:

Uni-Trend Model UT511 Insulation Resistance Tester(hereafter, "the Meter") is a handheld instrument Designed primarily to make resistance/ insulation resistance measurement. The device enable us to measure electrical leakage in wire, results are very reliable as we shall be passing electric current through device while we are testing.



APPARATUS:

PROCEDURE:

OBSERVATIONS AND CALCULATIONS:

Short Circuit Test	**Open Circuit Test**

CONCLUSION: