

(PREVIEW)
Indian Standard
GUIDE FOR DETERMINATION OF
LIGHTNING IMPULSE ELECTRIC STRENGTH
OF INSULATING LIQUIDS

1. SCOPE

1.1 This guide describes test methods insulating liquids when subjected to gent field.

1.1.1 Two methods are suggested:

a) Method A is based on a step-by-step procedure to provide an estimate of the impulse breakdown voltage under specified conditions; and

b) Method B is a statistically designed test to check statistical hypothesis about the impulse breakdown probability of an insulating liquid at a given voltage level.

1.2 Both methods can be applied to insulating liquids, unused or used, the viscosities of which are lower than 350 mm²/s at 40°C.