

(PREVIEW)

*Indian Standard***OIL IMPREGNATED PAPER INSULATED
CONDENSER BUSHINGS - DIMENSIONS AND
REQUIREMENTS****1 SCOPE**

1.1 This standard applies to only oil impregnated paper insulated condenser type transformer bushings fitted with test tap arrangement. The bushings are suitable for use in light, medium or heavily polluted atmospheres.

1.2 This standard specifies the standard dimensions of joints in the lead arrangements of draw lead (DL) and draw rod (DR) type bushings of rated voltages 145, 245 and 420 kV. This standard also specifies the dimensions of oil end terminal of solid stem (SS) type bushings of rated voltage 52, 72.5 and 245 kV.

1.3 The performance requirements and tests on bushings if not specified in this standard, shall be in accordance with those specified in IS 2099 : 1986.

2 REFERENCES

2.1 The following Indian Standards are necessary adjuncts to this standard:

<i>IS No.</i>	<i>Title</i>
IS 1359 : 1977	Electroplated coatings of tin (<i>second revision</i>)
IS 2099 : 1986	Bushings for alternating voltages above 1 000 volts (<i>second revision</i>)
IS 2102 (Part 1) : 1980	General tolerances for dimensions and form and position: General tolerances for linear and angular dimensions (<i>second revision</i>)
IS 2269 : 1981	Hexagonal socket head cap screws (<i>second revision</i>)
IS 3347 (issued in parts)	Dimensions for porcelain transformer bushings for use in lightly polluted atmospheres
IS 5371 : 1982	Multi-tooth lock washers (<i>first revision</i>)
IS 8607 (issued in parts)	Dimensions for porcelain transformer bushings for use in heavily polluted atmospheres