

(PREVIEW)

## *Indian Standard*

# **SPECIFICATION FOR INTERCONNECTING BUS-BARS FOR AC VOLTAGE ABOVE 1 kV UP TO AND INCLUDING 36 kV**

### **1. SCOPE**

**1.1** This standard relates to ac interconnecting bus-bars and bus ducts (other than by cables) having rated voltage above 1 kV up to and including 36 kV, open or enclosed type which are part of ac electrical power systems and used as external connections between terminals of equipment . These are composed of metals such as copper or aluminium with air, oil/compound, solid or semisolid materials as insulation. This standard also covers enclosures, support structure, etc, associated with bus-bars arrangement.

**1.2** Insulators, bushings and cables, etc, which may be used with bus-bar assemblies are not covered in this standard.

**1.3** This standard does not cover bus-bars forming part of factory built switchgear assemblies and also bus-bars used in outdoor switch yards.

**1.4** The service conditions for which the bus-bars conforming to this standard are suitable are given in Appendix A.