Indian Standard

USE OF STRUCTURAL STEEL IN OVERHEAD TRANSMISSION LINE TOWERS - CODE OF PRACTICE

PART 1 MATERIAL, LOADS AND PERMISSIBLE STRESSES

Section 2 Permissible Stresses

1 SCOPE

1.1 This standard (Part l/Sec 2) stipulates the permissible stresses and other design parameters to be adopted in the design of self-supporting steel lattice towers for overhead transmission lines.

1.1.1 Materials type of towers loading and broken wire conditions are covered In Section 1 of this standard

1.1.2 Provisions on fabrication and testing of transmission line towers have been covered in Part 2 and Part 3 respectively of the standard.

NOTE - While formulating the provisions of this standard It has been assumed that the structural connections arc through bolts.

1.2 This standard does not cover guyed towers. These will be covered in a separate standard.

2 REFERENCES

The Indian Standards listed in Annex A are necessary adjuncts to this standard

ANNEX A

***(Clause* 2)**

LIST OF REFERRED INDIAN STANDARDS

IS No	*Title*
800: 1984	Code of practice for use of structural steel in general building construction (*revised)*
3757: 1985	High strength structural bolts (*second revision)*
4000: 1992	Code of practice for high strength bolts in steel structures
6639: 1972	Hexagonal bolt for steel structures
12427 : 1988	Transmission tower bolts