

## Indian Standard

# UNCOATED STRESS RELIEVED STRAND FOR PRESTRESSED CONCRETE — SPECIFICATION

(Second Revision)

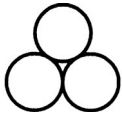
### 1 SCOPE

1.1 This standard covers the requirements for manufacture, supply and testing of uncoated, stress relieved, high tensile steel strands for use in prestressed concrete. The following types of strands are covered:

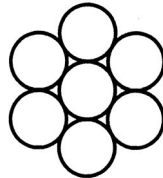
a) Two-wire strand



b) Three-wire strand



c) Seven-wire strand  
Class 1 and Class 2  
(For classification,  
see Tables 2 and 3)



IS No.

Title

(Part 1): 1976	General metallurgy, heat treatment and testing ( <i>first revision</i> )
(Part 2): 1976	Steel making ( <i>first revision</i> )
(Part 3): 1975	Hot rolled steel products (excluding sheet and strip) ( <i>first revision</i> )
(Part 5): 1976	Bright steel bar and steel wire ( <i>first revision</i> )

### 2 REFERENCES

The standards listed below contain provisions, which through reference in this text constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards listed below:

IS No.	Title
228	Methods of chemical analysis of steels:
(Part 3):1987	Determination of phosphorus by alkalimetric method ( <i>third revision</i> )
(Part 9):1989	Determination of sulphur by evolution method (for sulphur 0.01 to 0.25 percent) ( <i>third revision</i> )
1387:1993	General requirements for the supply of metallurgical materials ( <i>second revision</i> )
1608:2005	Metallic materials — Tensile testing at ambient temperature ( <i>third revision</i> )
1956	Glossary of terms relating to iron and steel: