

(PREVIEW)

IS : 432 (Part II) - 1982

Indian Standard

SPECIFICATION FOR MILD STEEL AND MEDIUM TENSILE STEEL BARS AND HARD-DRAWN STEEL WIRE FOR CONCRETE REINFORCEMENT

PART II HARD-DRAWN STEEL WIRE

(Third Revision)

FOREWORD

0.1 This Indian Standard (Part II) (Third Revision) was adopted by the Indian Standards Institution on 14 May 1982, after the draft finalized by the Joint Sectional Committee for Concrete Reinforcement had been approved by the Civil Engineering Division Council and the Structural and Metals Division Council.

0.2 This standard was first published in 1953 subsequently revised in 1960 and 1966. The present revision has been taken up with a view to modifying the earlier provisions in light of experience gained in working to this standard by both manufacturers and users.

0.3 Apart from incorporating an amendment issued to this standard, this standard adopts 51 units in specifying the various physical requirements. Further, certain provisions of the standard have been revised based on the latest Indian Standards on physical and chemical tests for steel.

0.4 In the formulation of this standard, due weightage has been given to international co-ordination among the standards and practices prevailing in different countries in addition to relating it to the practices in the field in this country.

0.5 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS : 2-1960*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

1. SCOPE

1.1 This standard (Part II) covers the requirements of hard-drawn steel wire of medium strength for use as reinforcement in concrete.

*Rules for rounding off numerical values (*revised*)