

## *Indian Standard*

# CONDUCTORS FOR INSULATED ELECTRIC CABLES AND FLEXIBLE CORDS — SPECIFICATION

*(Second Revision)*

## 1 SCOPE

**1.1** This standard specifies the properties and construction of copper and aluminium conductors for insulated electric cables and flexible cords.

**1.2** This standard does not apply to,

- a) conductors for use in coils of machines or apparatus;
- b) conductors without insulation, for use in aerial lines;
- c) conductors for telecommunication purposes; and
- d) conductors of special design, for example, hollow-core conductors.

## 2 REFERENCES

The following standards 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 indicated below.

<i>IS No.</i>	<i>Title</i>
613:2000	Copper rods and bars for electrical purposes
1885 (Part 32) : 1993/IEC	Electrotechnical vocabulary: Part 32 Electric cables
50-461: 1984	
10810	Method of test for cables:
(Part 1) : 1984	Annealing test for wires used in conductors
(Part 2) : 1984	Tensile test for aluminium wires
(Part 3) : 1984	Wrapping test for aluminium wires
(Part 4) : 1984	Persulphate test of conductor
(Part 5) : 1984	Conductor resistance test