

(PREVIEW)

*Indian Standard*

**METHODS OF TEST FOR TEMPERATURE  
COEFFICIENT OF PRECISION  
RESISTOR WIRES**

**1. SCOPE**

**1.1** This standard describes a procedure for determining the change of resistance with temperature of alloy wire (including material of noncircular section) used for resistance standards and precision resistors for electrical apparatus. The maximum range of temperature covered is  $-65^{\circ}\text{C}$  to  $+200^{\circ}\text{C}$ . This standard provides for the presentation of the results in the form of a graph, as a change of resistance between specified temperatures, or as the coefficients in a resistance/temperature equation.