

Indian Standard

METHODS OF SAMPLING AND TEST (PHYSICAL AND CHEMICAL) FOR WATER AND WASTE WATER Water quality - Determination of electrical conductivity PART 14 SPECIFIC CONDUCTANCE (WHEATSTONE BRIDGE, CONDUCTANCE CELL) (Second Revision)

1 Scope and field of application

This International Standard specifies a method for the measurement of the electrical conductivity of all types of water.

Electrical conductivity can be used to monitor the quality of

- a) surface waters;
- b) process waters in water supply and treatment plants;
- c) waste waters.

The completeness of analysis for ionic constituents [10 31] can be checked using this method.

In some cases absolute values are important, in other cases only relative changes are of concern.

For interferences, see clause 9.