

(PREVIEW)

IS : 1199 - 1959

Indian Standard

METHODS OF SAMPLING AND ANALYSIS OF CONCRETE

FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 10 November 1959, after the draft finalized by the Cement and Concrete Sectional Committee had been approved by the Building Division

0.2 Testing plays an important role in controlling the quality of cement concrete work. Systematic testing of the raw materials for concrete as also, the concrete, both while it is fresh and after it has hardened, is an inseparable part of any quality control programme for concrete. It helps to achieve higher efficiency of the materials used and greater assurance of the performance of the concrete in regard to both strength and durability. The test methods used should be simple, direct and convenient in their application. This standard has been prepared with this object in view and provides a guide to the sampling, analysis, and determination of linear changes of concrete. Strength tests for concrete have been covered separately in IS : 516-1959 Methods of Tests for Strength of Concrete.

1. SCOPE

1.1 This standard covers the methods of taking samples of concrete and their analysis.