

SRI LANKA STANDARD 262 Part 3:1975

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METHOD OF  
**SAMPLING, ANALYSIS AND TESTING OF  
CONCRETE**  
PART 3 – ANALYSIS OF  
**HARDENED CONCRETE**

BUREAU OF CEYLON STANDARDS

METHODS OF SAMPLING, ANALYSIS  
AND TESTING OF CONCRETE  
PART 3 : ANALYSIS OF HARDENED CONCRETE

SLS 262:Part 3:1975

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AND TESTING OF CONCRETE  
PART 3 : ANALYSIS OF HARDENED CONCRETE

**FOREWORD**

This Sri Lanka Standard has been prepared by the Drafting Committee on Methods of Sampling, Analysis and Testing of Concrete. It was approved by the Civil Engineering Divisional Committee of the Bureau of Ceylon Standards and was authorized for adoption and publication by the Council of the Bureau on 1975-04-02.

This standard has been prepared in 3 parts, issued separately as follows:

- Part 1 - Methods of sampling fresh concrete and making test specimens
- Part 2 - Methods of testing concrete
- Part 3 - Analysis of hardened concrete.

This standard does not apply to concrete whose nominal maximum aggregate size exceeds 40 mm (1 1/2 in).

This part of the standard is limited to materials in which the binding agent is a hydraulic calcareous cement and the aggregates are natural rocks or inorganic artificial products.

The method specified in this standard gives the cement content, the aggregate proportions and the grading of the coarse aggregates.

All units given in this standard are SI units, with the appropriate inch equivalents in brackets.

The American, British and Indian Standards have been consulted in the preparation of this Standard Specification and acknowledgement is made of the assistance gained therefrom.

## 1 SCOPE

This part of the standard specifies the tests to be used on a sample of hardened concrete to provide some or all of the following information:

- a) Test No. 1 - Cement aggregate content;
- b) Test No. 2 - Original water content;
- c) Test No. 3 - Bulk density;
- d) Test No. 4 - Type of cement;
- e) Test No. 5 - Type of aggregate; and
- f) Miscellaneous - Chloride content, sulphate content and sulphoaluminate content.