

SLS 847 : Part 1 : 1989

Sri Lanka Standard

**SPECIFICATION FOR CEMENT BRICKS  
PART 1 : REQUIREMENTS**

SRI LANKA STANDARDS INSTITUTION

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### SPECIFICATION FOR CEMENT BRICKS

#### PART 1 : REQUIREMENTS

##### FOREWORD

This Sri Lanka Standard was authorized for adoption and publication by the Council of the Sri Lanka Standards Institution on 1989-05-12, after the draft, finalized by the Drafting Committee on Precast masonry units, had been approved by the Civil Engineering Divisional Committee.

Cement bricks are preferred over burnt clay bricks for (a) underground applications such as manholes which require good durability and ease of construction and (b) normal masonry applications in regions of the country where burnt clay bricks are not freely available. Poor quality, arbitrary reduction of size and escalating cost of burnt clay bricks have opened new avenues for greater use of these bricks. Availability of information on hand casting, availability of locally made production equipment for manual and even automatic operation, and ease with which dimensional tolerances and strength requirements can be attained are factors that will lead to further popularization of cement bricks in the future.

A Sri Lanka Standard on cement bricks was considered opportune in order to (a) encourage better quality control ; (b) instill greater confidence in designers, manufacturers and users ; (c) benefit from knowledge incorporated in similar standards of other countries; and (d) provide procedures for testing.

This part of the standard deals with requirements for compliance and specifies materials, dimensions, tolerances, strength requirements, physical requirements, sampling and criteria for conformity, and a method of marking. Part 2 of this standard specifies test methods related to cement bricks.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or an analysis, shall be rounded off in accordance with CS 102. The number of significant figures to be retained in the rounded off value shall be the same as that of the specified value in this standard.

In the preparation of this standard the assistance derived from the publications of the British Standards Institution, the Standards Association of Australia, and the American Society for Testing and Materials is gratefully acknowledged.