

**SRI LANKA STANDARD 107 : 2015**  
UDC 666.942.2

**SPECIFICATION FOR  
ORDINARY PORTLAND CEMENT  
(Fifth Revision)**

**SRI LANKA STANDARDS INSTITUTION**

**Sri Lanka Standard**  
**SPECIFICATION FOR ORDINARY PORTLAND CEMENT**  
***(Fifth Revision)***

**SLS 107 : 2015**  
**(Attached Amd 481)**

**Gr. 8**

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## **FOREWORD**

This standard was approved by the Sectoral Committee on Building and Construction Materials and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2015-11-19.

This standard was first published in 1971 and subsequently revised in 1982, 1995, 2002 and 2008. This is the fifth revision of the part 1 of the standard. It incorporates the experience gained with the use of the last revision and brings the standard in line with the present practices followed internationally in production and testing of cement. Further criterion for differentiation of rapid hardening & normal hardening cement was also introduced.

For the purpose of comparison of cement type given in this standard with those given in **BS EN 197-1**, corresponding equivalent cement type with respect to **BS EN 197-1** is given where applicable.

Appendix **B** of the standard provides some guidelines on the use of cement while Appendix **C** gives some useful information on adulterated cement. Since this current revision of the standard refers to relevant SLS ISO standard test methods, **SLS 107: Part 2** will be withdrawn, with the reviewing of remaining cement standards.

Further guidance on usage of this cement with respect to other cements in Sri Lanka (see Appendix **D**) is included to satisfy a pressing need of the cement users.

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 observation shall be rounded off in accordance with **SLS 102**. The numbers of significant places 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 International Organization for Standardization (ISO), European Committee for Standardization (CEN) and British Standards Institution (BSI) are gratefully acknowledged.

## **1 SCOPE**

This standard covers the requirements for constituents, composition, mechanical properties, physical properties, chemical properties, packaging, marking and delivery of Ordinary Portland Cement (OPC).

This specification pertains to four strength classes of OPC.

**NOTE:** *Requirements for other cements are covered in separate Sri Lanka standards (see Clause 2).*