

**SRI LANKA STANDARD 943 : 1991**

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**METHODS OF PHYSICAL TEST FOR  
FOUNDRY SANDS**

**SRI LANKA STANDARDS INSTITUTION**

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SLS 943 : 1991

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METHODS OF PHYSICAL TEST FOR FOUNDRY SANDS

#### FOREWORD

This Standard was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 91.11.14 after the draft, finalized by the Drafting Committee on foundry Industry had been approved by the Mechanical Engineering divisional committee.

All the values given in this standard are in SI units.

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 CS 102. The number of figures to be retained in the rounded off value shall be the same as that of the specified value in this standard.

The Sri Lanka Standards Institution gratefully acknowledges the use of relevant publications of the Bureau of Indian Standards in the preparation of this standard.

#### 1 SCOPE

1.1 This standard specifies the methods of physical test for foundry sands to evaluate their properties under standard conditions.

#### 2 REFERENCES

- |         |                                  |
|---------|----------------------------------|
| CS 102  | Presentation of Numerical values |
| CS 124  | Test Sieves                      |
| SLS 937 | Methods of sampling foundry sand |

#### 3 DEFINITIONS

For the purpose of this standard the following definitions shall apply:

3.1 **foundry moulding sand** : A mixture of high silica sand, natural sand, synthetic sand and reclaimed sand and clay.

3.2 **core sand** : Sand that is suitable for making cores, usually low in clay substances.