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SPECIFICATION FOR
RED PHOSPHORUS
(*First Revision*)

SRI LANKA STANDARDS INSTITUTION

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FOREWORD

This Standard was approved by the Sectoral Committee on Chemicals and Polymer Technology and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2019-10-22.

Red phosphorus is one of the important raw materials used in the manufacture of safety matches.

This Specification was first published in 1990. In this first Revision, All the amendments issued after the publication of **SLS 912: 1990** were incorporated and the requirement for particle size was removed as there is no significant impact of the particle size for the manufacturing process of safety matches.

For the purpose of deciding whether a particular requirement of this Specification 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 **SLS 102**. The number of significant places retained in the rounded off value shall be the same as that of the specified value in this Specification.

In the formulation of this Specification, the assistance derived from the following publication is gratefully acknowledged:

IS 2012 :2006   Red phosphorus – Specification

1   SCOPE

This specification prescribes the requirements and methods of sampling and test for red phosphorus for use in the safety match industry.

2   REFERENCES

SLS   102   Rounding off numerical values
SLS   428   Random sampling methods.
SLS   692   Safety colours and safety signs

3   REQUIREMENTS

3.1   General requirement

The material shall be in the form of a dark red amorphous powder. It shall be free from visible impurities.