

SRI LANKA STANDARD 1027 : 1994

UDC 661.937 : 546.21

**SPECIFICATION FOR
OXYGEN, TECHNICAL GRADE**

SRI LANKA STANDARDS INSTITUTION

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SLS 1027 : 1994

Gr. 12

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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 1994-12-22 .

Guidelines for the determination of a compliance of a lot with the requirements of this standard based on statistical sampling and inspection are given in Appendix A.

The safety considerations for handling of oxygen is given in Appendix G as a guidance.

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 **CS 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 preparation of this standard, the valuable assistance derived from the following publications is gratefully acknowledged:

BS 4364 : 1993 Industrial oxygen
SS 153 : 1976 Industrial oxygen.

1 SCOPE

1.1 This specification prescribes the requirements and methods of test for oxygen in gaseous and liquid forms, intended for use in industrial applications.

1.2 It does not apply to material intended for medical use and for use in aircrafts for breathing purposes.

2 REFERENCES

CS 102 Presentation of numerical values.
SLS 428 Random sampling methods
SLS 875 Identification markings of the contents of industrial gas cylinders.