

SRI LANKA STANDARD 1125 : 1996

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**SPECIFICATION FOR
WROUGHT ALUMINIUM FOR
ELECTRICAL PURPOSES - SOLID
CONDUCTORS FOR INSULATED CABLES**

SRI LANKA STANDARDS INSTITUTION

**SPECIFICATION FOR WROUGHT ALUMINIUM FOR ELECTRICAL
PURPOSES-SOLID CONDUCTORS FOR INSULATED CABLES**

SLS 1125 : 1996

Gr. 8

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Sri Lanka Standard
SPECIFICATION FOR WROUGHT ALUMINIUM FOR ELECTRICAL
PURPOSES-SOLID CONDUCTORS FOR INSULATED CABLES

FOREWORD

This standard was approved by the Sectoral Committee on Electrical Cables and Conductors and was authorized for adoption and publication as Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 96-05-23.

This standard specifies the specification for wrought aluminium for electrical purposes -solid conductors for insulated cables.

The standard values which have been adopted for the purpose of this standard, are given in Appendix A for information. Details of the international alloy designations and chemical composition limits for wrought aluminium alloys system have also been given in Appendix B for information.

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

For the purposes of deciding whether a particular requirements of this standard is complied with, the final value, observed or calculated, expressing the results of a test or analysis shall be rounded off in accordance with CS 102. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

In the preparation of this standard, the assistance obtained from the BS 3988 : 1970 Specification for Wrought Aluminium for Electrical Purposes - Solid conductors for insulated cables, including amendment No. 1, No.2 and No.3, published by the British Standards Institution is gratefully acknowledged.

1 SCOPE

This standard specifies requirements for circular solid and 2-core, 3-core and 4-core shaped solid conductors in a range of standard sizes from 16 mm² up to and including 300 mm².

2 REFERENCES

- IEC 468 Method of measurement of resistivity of metallic material.
- SLS 978 Tensile testing of metallic materials,
Part 1 : Method of test at ambient temperature.