

මෙය රාජ්‍ය භාෂාවෙන් වෙනම මුද්‍රණය කර ඇත.

ලංකා ප්‍රමිති 165: 1972
CEYLON STANDARD: 165 : 1972

විශ්ව දශම වර්ග කිරීම UDC 669. 654

මෘදු පාහන පොඩි පිලිබඳ පිරිමිකර (S. I. ඒකක)

SPECIFICATION FOR
SOFT SOLDERS (S. I. Units)

ලංකා ප්‍රමිති කාර්යාංශය
BUREAU OF CEYLON STANDARDS

**SPECIFICATION FOR SOFT SOLDERS
(S. I. UNITS)**

C.S. 165: 1972
(Attached AMD 46)

Gr.3



Copyright reserved
BUREAU OF CEYLON STANDARDS
53, Dharmapala Mawatha,
COLOMBO 3.

CEYLON STANDARD SPECIFICATION FOR SOFT SOLDERS (METRIC UNITS)

FOREWORD

This Ceylon Standard Specification has been prepared by the Drafting Committee on Soft Solders. It was approved by the Mechanical Engineering Divisional Committee of the Bureau of Ceylon Standards and was authorised for adoption and publication by the Council of the Bureau on 30th November 1972.

Soft solders are metals or alloys which have the ability to flow wet and join the materials to be soldered at a temperature below 450°C. The melting ranges and the typical uses of soft solders have been given in Appendix A with a view to guiding the user in the selection of the correct solder to suit his requirements.

All standard values given in this specification are in SI units. Equivalent values in imperial units are given in brackets for guidance. These equivalents have been calculated in accordance with C.S. 116 'Ceylon Standard on Principles of Conversion'.

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 C. S. 102 'Ceylon Standard on Presentation of Numerical Values'.

In the preparation of this standard publications of the Indian and British Standards Institutions were consulted and the assistance gained therefrom is acknowledged.

1. SCOPE

This standard covers the requirements for 19 grades of soft solder.

2. MATERIAL

Soft solder shall be made from virgin metals or clean scrap.

3. CHEMICAL COMPOSITION

Soft solder shall have the chemical composition given in Table 1.

4. CONDITIONS OF SUPPLY

4.1 Soft solder shall be supplied in one of the following forms as specified by the purchaser and shall be smoothly finished.