

SRI LANKA STANDARD 102 : 2008
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RULES FOR ROUNDING OFF
NUMERICAL VALUES
(First Revision)

SRI LANKA STANDARDS INSTITUTION

Sri Lanka Standard
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SLS 102 : 2008
(Attached AMD 460)

Gr. 5

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Sri Lanka Standard
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FOREWORD

This standard was authorized for adoption and publication as a Sri Lanka Standard by the Council of Sri Lanka Standards Institution on 2008-08-28.

This is the first revision of this standard which was initially prepared under the authority of the Metric Divisional Committee of the Sri Lanka Standards Institution and published in 1971 numbered CS 102.

This standard was prepared as a guide to all those who deal with scientific work, to have a uniform and consistent procedure of presenting and interpreting numerical values, particularly in regard to the number of figures* to be used or to be retained. It is also intended to serve as a guide to the Committees responsible for preparation of Sri Lanka Standards.

Principles laid down in the following publications have been taken into consideration in preparing this standard:

IS 2 : 1960 Rules for rounding off numerical values (revised)

ASTM Designation : E-29-06 B Standard practice for using significant digits in test data to determine conformance with specifications.

1 SCOPE

This standard lays down the principles to be used in expressing numerical values and the rules for rounding off of numerical values.

2 TERMINOLOGY

For the purpose of this standard, the following definitions shall apply.

2.1 number of decimal places : A value is said to have as many decimal places as there are number of figures in the value starting from the decimal point and ending with the last figure on the right.

**The word “figure” is used in this standard instead of the word “digit”. Zero is regarded as a figure except when expressly excluded.*