SRI LANKA STANDARD 409 : PART 3 : 2004

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SRI LANKA STANDARD
ENGINEERING DRAWING PRACTICE
PART 3 : RECOMMENDATIONS FOR GEOMETRICAL TOLERANCING
(FIRST REVISION)

SRI LANKA STANDARDS INSTITUTION

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FOREWORD

This standard was approved by the Sectoral Committee on Materials, Mechanical Systems and Manufacturing Engineering and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2004-12-09.

This standard is the first revision of **SLS 409** published in 1977.

For convenience of use, this revision of **SLS 409** is present in three parts as follows:

Part 1 Recommendations for general principles
Part 2 Recommendations for dimensioning and tolerancing of Size and Method of indicating surface texture
Part 3 Recommendations for geometrical tolerancing

The proven record of standards applied to engineering drawing now enables its recognition as the graphical language of communication in engineering both nationally and internationally. Drawings made to the accepted standards in one country, when based on standards published by the International Organization for Standardization (ISO) are understood and can be used around the world virtually in all countries. With this in mind it was recognized and accepted to be important as a policy for this revision that particular attention and care should be paid to the quality of content of both text and figures to ensure their clarity and ease of understanding.

During the course of this revision particular attention has been paid to developments in computer-aided drafting and it has been established that such systems are currently capable of complying with this standard. Any minor exceptions due to the limitation of a particular system would not be expected to prejudice the understanding of a drawing otherwise claimed to comply with this standard.

NOTES (ON THE PRESENTATION OF THIS STANDARD):

1. The figures in this standard are independent and each is selected solely for its simplicity and clarity to illustrate, only the text to which it relates. They are not the only possible examples and they are not intended as design examples or to be fully dimensioned working drawings but otherwise are drawn according to the basic recommendations of this standard.

2. Linear dimensions shown in the figures are in millimeters.