

SRI LANKA STANDARD 907 PART 4 : 2016
UDC 669.14

SPECIFICATION FOR
HOT ROLLED STRUCTURAL STEEL
SECTIONS
PART 4 : L SECTIONS (EQUAL AND UNEQUAL
ANGLES)
(FIRST REVISION)

SRI LANKA STANDARDS INSTITUTION

Sri Lanka Standard
SPECIFICATION FOR HOT ROLLED STRUCTURAL STEEL SECTIONS
PART 4: L SECTIONS (EQUAL AND UNEQUAL ANGLES)
(First Revision)

SLS 907 Part 4 : 2016

Gr. 11

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Sri Lanka Standard
SPECIFICATION FOR HOT ROLLED STRUCTURAL STEEL SECTIONS
PART 4: L SECTIONS (EQUAL AND UNEQUAL ANGLES)

FORWORD

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 2016-11-24.

After formulation of the standard SLS 874 : 1990 Steel products, in two parts (Part 1 Classification and definitions, Part 2 Identification marking), it has become necessary to present the contents of SLS 907 on U sections, L sections and T sections together with other sections such as I,H and special section not covered therein.

This is the first revision of SLS 907 Part 4 and it supersedes SLS 907 Part 4: 1990.

The other parts of this standard are:

Part 1	I sections
Part 2	H sections
Part 3	U sections (Channels)
Part 5	T sections (Tees)
Part 6	Special sections

All values given in this standard are in SI units.

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 an analysis shall be rounded off in accordance with **SLS 102**. The number of significant places retained in the rounded off value shall be the same as that of the specified value in this standard.

In the preparation of this standard, assistance derived from relevant publications of the International Organization for Standardization and the British Standards Institution is gratefully acknowledged.

1 SCOPE

This standard specifies the requirements for chemical composition, manufacture, finish, mechanical properties, dimensions, sectional properties, marking, testing and sampling of hot rolled structural steel L sections used principally for general purpose structural steels. The L section steels specified in this standard which are categorized under S235, S275, S355, S450, SG205, SG250, SG285 and SG345 are intended for use in welded or bolted structures.