

**SLS 887 : 1990**

**SRI LANKA STANDARD  
CODE OF PRACTICE FOR BASIC TRAINING AND TESTING OF  
MANUAL METAL ARC WELDER**

**SRI LANKA STANDARDS INSTITUTION**

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Draft Sri Lanka Standard

CODE OF PRACTICE FOR BASIC TRAINING AND TESTING OF MANUAL METAL ARC WELDERS.

FOREWORD

This standard was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 29/11/29, after the draft, finalized by the Drafting Committee on Welding, had been approved by the Mechanical Engineering Divisional Committee.

The principal objectives for the course of instruction covered by this code are:

- a) to provide the trainee with a basic knowledge of welding theory,
- b) to give the trainee a good understanding of the proper methods of manual metal arc welding as applied to mild steel,
- c) to enable the trainee to acquire enough skill in welding to pass the qualification tests prescribed in this code; and
- d) to coach the trainee in the fundamental techniques and safe practices of manual metal arc welding.

The course of instruction is not expected to produce an experienced welder, but a welder with enough skill and knowledge so that he will be of immediate value to industry as a welder on less difficult work. He will be able to progress rapidly to work of greater difficulty and responsibility by gaining experience in industry.

In order to simplify the course of training and to make the course directly related to the actual requirements of the job, 14 on weld exercises is split into the following three sub-clauses:

- 14.1 - Butt welds in flat position and fillet welds in flat and horizontal position,
- 14.2 - Butt and fillet welds in vertical position and butt welds in horizontal position,
- 14.3 - Welding in overhead position