

(PREVIEW)

Indian Standard

CODE OF PRACTICE FOR SAFETY AND HEALTH REQUIREMENTS IN ELECTRIC AND GAS WELDING AND CUTTING OPERATIONS

0. FOREWORD

0.1 This Indian Standard (First Revision) was adopted by the Indian Standards Institution on 23 February 1968, after the draft finalized by the Welding General Sectional Committee had been approved by the Structural and Metals Division Council.

0.2 This standard was first published in 1957. In this revision certain modifications have been incorporated with regard to manual electrode holders, ventilation and health protection and the values have been specified only in metric units.

0.3 The aim of the Steel Economy Project of ISI is to achieve efficiency and economy in the use of steel. One of the main channels through which economy of steel could be achieved is by the propagation of the use of welding in all steel fabrications. The use of welding calls for certain safety and health requirements to be met. Accordingly, the Sectional Committee decided to formulate this code of practice with a view to propagating the more rapid development of the welding industry in India.

1. SCOPE

1.1 This code lays down requirements for the protection of (a) persons from injury and illness, and (b) properties (including equipment) from damage by fire and other causes, arising from electric and gas welding and cutting equipment, its installation, operation and maintenance.

1.1.1 The general provisions of this code of practice are applicable to welding and cutting of metals and other allied processes.

1.1.2 This code does not cover particular hazards which may be inherent when welding and cutting equipment is used in special types of industries.