

(PREVIEW)

*Indian Standard*

CODE OF SAFETY FOR CHLORINE

0. FOREWORD

**0.1** This Indian Standard was adopted by the Indian Standards Institution on 14 June 1967, after the draft finalized by the Chemical Hazards Sectional Committee had been approved by the Chemical Division Council.

**0.2** One of the greatest hazards associated with the use of chlorine is that, in becoming a familiar part of a process, it is often forgotten that it is potentially dangerous. The shipment of liquid chlorine in bulk from manufacturer to consumer involves various handling operations, in which the principal risks are common. These are attributable to its toxicological character, physical properties, and chemical reactivity.

**0.3** It is important that personnel, engaged in a chlorine plant or in any activity involving handling of chlorine, should understand the hazardous properties of chlorine and should have a good grasp of the basis of preventive measures. This will make them more conscious about safety which would not be achieved if they are trained to follow certain instructions mechanically.

**1. SCOPE**

**1.1** This standard prescribes a code of safety concerning hazards relating to chlorine. It describes properties and essential information for the safe handling and use of chlorine.