

Indian Standard
**CODE OF SAFETY FOR LEAD AND
ITS COMPOUNDS**

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 The soluble salts of lead are highly poisonous. Lead poisoning is caused when a person is exposed to dust of lead metal or its compounds or fumes of hot metal. It is a cumulative poison. Absorption of lead takes place through the skin, lungs or the gastro-intestinal tract.

0.2.1 A knowledge of actions and effects of dangerous materials on biological systems is always desirable in order to properly utilise any existing code of safety or to add further refinements to it. This code of safety recommends practices to be followed to ensure safety of the personnel engaged in lead based industries.

0.3 This standard is one of a series of Indian Standard codes of safety for hazardous chemicals. Other standards are:

IS : 4262-1967 Code of safety for sulphuric acid

IS : 4263-1967 Code of safety for chlorine

IS : 4264-1967 Code of safety for caustic soda

1. SCOPE

1.1 This standard prescribes a code of safety for lead and its compounds. It recommends practices to be followed to ensure safety of personnel in any area of a factory where metallic lead, lead alloys or lead compounds (excluding organic compounds of lead) are produced, handled or used.

*Glossary of terms relating to chemical and radiation hazards and hazardous chemicals.

†Glossary of terms relating to air pollution.