

(PREVIEW)

Indian Standard

SPECIFICATION FOR ANHYDROUS AMMONIA

0. FOREWORD

0.1 This Indian Standard (First Revision) was adopted by the Indian Standards Institution on 30 June 1989, after the draft finalized by the Acids, Alkalis and Halides Sectional Committee had been approved by the Chemical Division Council.

0.2 This standard was first published in 1955. The Sectional Committee decided to revise it in the light of actual requirements of the industry. In this revision the requirements of pyridine, naphthalene, phosphine, sulphur compounds and phenolic compounds have been dropped, and the requirements of moisture and oil content have been added.

0.3 By convention, the name 'anhydrous ammonia' is used to describe commercial grades of the product containing approximately 99.90 to 99.98 percent of ammonia (*see 2.1*).

0.4 This standard does not contain aspects of safety for handling and transport of ammonia as this is covered under IS : 4544-1968*.

0.5 In the preparation of this standard, reference has been made to 'BS : 4431-1969 Methods of test for anhydrous ammonia', issued by the British Standards Institution.

0.6 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 analysis, shall be rounded off in accordance with IS : 2-1960†. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

*Code of safety for ammonia.

†Rules for rounding off numerical values (*revised*).