

Indian Standard

SPECIFICATION FOR ZINC OXIDE FOR PAINTS

0. FOREWORD

0.1 This Indian Standard (First Revision) was adopted by the Indian Standards Institution on 15 December 1975, after the draft finalized by the Raw Materials for Paint Industry Sectional Committee had been approved by the Chemical Division Council.

0.2 This standard was first published in 1950 and was largely based on the interim co-ordinated draft produced with the assistance of representatives of manufacturers and various departments and authorities of the Government of India by the Co-ordinating Subcommittee of the No. 5 Standing Committee on Specifications for Paints and Allied Stores of the General Headquarters India (now Army Headquarters).

0.3 In this revision, requirement for oil absorption has been modified and an additional requirement for sulphur content has been included. For estimation of zinc oxide content EDTA method has been prescribed in place of the gravimetric method and the volumetric method has been adopted from ISO/R 275-1962 'Zinc oxide for paints' issued by the International Organization for Standardization (ISO) with Type I of which this standard is substantially aligned.

0.4 This standard contains clause **4.1** which calls for agreement between the purchaser and the supplier.

0.5 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.

1. SCOPE

1.1 This standard prescribes requirements and methods of sampling and test for zinc oxide pigment for paints.

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