IS : 6046 - 1982

Indian Standard

SPECIFICATION FOR
GYPSUM FOR AGRICULTURAL USE

(First Revision)

FOREWORD

0.1 This Indian Standard (First Revision) was adopted by the Indian Standards Institution on 1 February 1982, after the draft finalized by the Soil Amendments and Reclamation of Problem Soils Sectional Committee had been approved by the Agricultural and Food Products Division Council.

0.2 The major soil amendment for alkali soils available in the country is the mineral gypsum. This agricultural grade gypsum is mined at several places in the country but the bulk of the quantity occurs in western Rajasthan.

0.3 This standard was originally published in 1971. In the light of experience gained in the use of mineral gypsum as soil amendment, it was felt that this standard needed revision. The minimum limit for calcium sulphate dihydrate content has been increased from 50 to 70 percent. Present revision would facilitate procurement of quality gypsum for use as soil amendment.

0.4 This standard is one of the series of Indian Standards on gypsum. The other standards in this series are IS : 1288-1973*, IS : 1289-1960† and IS : 1290-1973‡.

0.5 For particle size, the use of IS Sieves conforming to IS : 460 (Part I)1978§ is prescribed. Where IS sieves are not available, other standard sieves as judged from aperture size may be used.

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.

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*Methods of test for mineral gypsum and gypsum products.
†Methods for sampling of mineral gypsum.
‡Specification for mineral gypsum (*second revision*)
§Specification for test sieves : Part I Wire cloth test sieves (*second revision*).
‖Rules for rounding off numerical values (*revised*).