

(PREVIEW)
Indian Standard
SPECIFICATION FOR
POTASSIUM SULPHATE, FERTILIZER GRADE

FOREWORD

0.1 This Indian Standard (First Revision) was adopted by the Indian Standards Institution on 29 February 1980, after the draft finalized by the Fertilizers Sectional Committee had been approved by the Petroleum, Coal and Related Products Division Council.

0.2 While potassium chloride is the most used source of potassic fertilizer certain specialized crops like tobacco need chloride-free potassic fertilizers like the sulphate, as these are sensitive to chlorides.

0.3 This standard was first published in 1964. This revision has been undertaken to include the requirement for particle size of the material as it is important for the trade and users. Further, since separate standards on methods of sampling and test for fertilizers have been published those details have, therefore, been deleted from this standard.

0.4 In the preparation of this standard, consideration has been given to the need for maintaining co-ordination with the specification of the Fertilizer (Control) Order, 1957 and the Essential Commodities Act, 1955 of Government of India. However this standard is subject to the provisions imposed under this Order wherever applicable.

0.5 For particle size, the use of IS sieves conforming to IS : 460-1962* 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.

1. SCOPE

1.1 This standard prescribes the requirements and the methods of sampling and test for potassium sulphate, fertilizer grade.

*Specification for test sieves (*revised*).

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