

Indian Standard

**SPECIFICATION FOR
SUPERPHOSPHATE**

(Second Revision)

1. SCOPE

1.1 This standard prescribes the requirements and the methods of sampling and test for superphosphate. The material is used as a fertilizer.

FOREWORD

0.1 This Indian Standard (Second Revision) was adopted by the Indian Standards Institution on 18 January 1979, after the draft finalized by the Fertilizers Sectional Committee had been approved by the Petroleum, Coal and Related Products Division Council.

0.2 This standard was first published in 1951 and revised in 1962. In the present revision, while two grades of the material are being retained, their water soluble phosphates (as P_2O_5) contents are being lowered from 18.0 and 16.0 to 16.0 and 14.0 percent respectively. Packing and marking clauses have also been modified.

0.3 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.

0.4 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.

0.5 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.

*Specification for test sieves (*revised*).

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