

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 6932-4 (1973): Method of test for building limes
Determination of fineness of hydrated lime [CED 4: Building
Limes and Gypsum Products]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

BLANK PAGE



IS: 6932 (Part IV) - 1973
Reaffirmed 2009

Indian Standard

METHODS OF TESTS FOR BUILDING LIMES

PART IV DETERMINATION OF FINENESS OF
HYDRATED LIME

(Third Reprint APRIL 1993)

UDC 691.51 : 539.539

© *Copyright* 1974

BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

February 1974

AMENDMENT NO. 1 NOVEMBER 1983

TO

IS:6932(Part 4)-1973 METHODS OF TESTS FOR
BUILDING LIMES

PART 4 DETERMINATION OF FINENESS OF HYDRATED LIME

Alterations

(Page 1, clause 1.1, line 3) - Substitute
'IS:460(Part 1)-1978' for 'IS:460-1962'.

(Page 1, foot-note with '*' mark) - Substitute
the following for the existing foot-note:

'*Specification for test sieves: Part 1 Wire
cloth test sieves (second revision).'

(BDC 4)

Indian Standard

METHODS OF TESTS FOR BUILDING LIMES

PART IV DETERMINATION OF FINENESS OF HYDRATED LIME

0. FOREWORD

0.1 This Indian Standard (Part IV) was adopted by the Indian Standards Institution on 22 March 1973, after the draft finalized by the Building Limes Sectional Committee had been approved by the Civil Engineering Division Council.

0.2 Hitherto, methods of tests for assessing qualitative requirements of building limes were included in IS : 712-1964. For facilitating the use of these tests it has been decided to print these tests as different parts of a separate Indian Standard. This part covers determination of fineness of building limes.

0.3 In reporting the results of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with IS : 2-1960*.

1. SCOPE

1.1 This standard (Part IV) covers the procedure for determination of the fineness of hydrated lime represented by the mass of the residue left on a standard IS Sieve conforming to IS : 460-1962†.

2. GENERAL

2.1 Preparation of the Sample — The sample shall be prepared in accordance with 7.2 of IS : 712-1973‡.

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

†Specification for test sieves (*revised*).

‡Specification for building limes (*second revision*).

© Copyright 1974

BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

IS : 6932 (Part IV) - 1973

2.2 The distilled water (*see* IS : 1070-1960*) shall be used where use of water as a reagent is intended.

3. DETERMINATION OF FINENESS

3.1 Procedure — The IS Sieves specified in the material specification shall be superimposed, one above the other with the coarser sieves at the top and finer sieves at the bottom. Holding the sieves in both hands, sieving shall be done with a gentle wrist motion, this will involve no danger of spilling the lime which shall be kept well spread out on the sieve. Place 100 g of the hydrated lime on the top sieve and the material washed through the sieves with a moderate jet of water from a flexible tube, the whole operation shall not take more than 30 minutes. The residue shall not be rubbed through the sieve. The residue on each sieve shall be dried at $100 \pm 10^\circ\text{C}$ to constant mass. The residue on each of the sieves shall be weighed.

3.2 Report of Test Results — The result shall be expressed as a percentage of mass of the hydrated lime taken.

*Specification for water, distilled quality (*revised*). (Since revised)

BUREAU OF INDIAN STANDARDS

Headquarters:

Manak Bhavan, 9 Bahadur Shah Zafar Marg, NEW DELHI 110002

Telephones : 331 01 31, 331 13 75

Telegrams : Manaksantha
(Common to all offices)

Regional Offices:

	<i>Telephones</i>
Central : Manak Bhavan, 9 Bahadur Shah Zafar Marg, NEW DELHI-110002	[331 01 31 331 13 75
* Eastern : 1/14 C.I.T. Scheme VII M, V. I. P. Road, Maniktola, CALCUTTA 700054	36 24 99
Northern : SCO 445-446, Sector 35-C, CHANDIGARH 160036	[2 18 43 3 16 41
Southern : C. I. T. Campus, MADRAS 600113	}41 24 42 41 25 19 41 29 16
† Western : Manakalaya, E9 MIDC, Marol, Andheri (East), BOMBAY 400093	6 32 92 95

Branch Offices:

'Pushpak' Nurmohamed Shaikh Marg, Khanpur, AHMEDABAD 380001	[2 63 48 2 63 49
†Peenya Industrial Area, 1st Stage, Bangalore Tumkur Road BANGALORE 560058	[38 49 55 38 49 56
Gangotri Complex, 5th Floor, Bhadbhada Road, T. T. Nagar, BHOPAL 462003	6 67 16
Plot No. 82/83, Lewis Road, BHUBANESHWAR 751002	5 36 27
63/5, Ward No. 29, R. G. Barua Road, 5th Byelane, GUWAHATI 781003	3 31 77
6-8-56C L. N. Gupta Marg (Nampally Station Road), HYDERABAD 500001	23 10 83
R14 Yudhister Marg, C Scheme, JAIPUR 302005	[6 34 71 6 98 32
117/418 B Sarvodaya Nagar, KANPUR 208006	[21 68 76 21 82 92
Patliputra Industrial Estate, PATNA 800013	6 23 05
T.C. No. 14/1421, University P.O., Palayam TRIVANDRUM 695035	[6 21 04 6 21 17
<i>Inspection Office (With Sale Point) :</i>	
Pushpanjali, 1st Floor, 205-A West High Court Road, Shankar Nagar Square, NAGPUR 440010	2 51 71
Institution of Engineers (India) Building, 1332 Shivaji Nagar PUNE 411005	5 24 35
*Sales Office in Calcutta is at 5 Chowringhee Approach, P.O. Princep Street, Calcutta 700072	27 68 00
†Sales Office in Bombay is at Novelty Chambers, Grant Road, Bombay 400067	89 85 28
†Sales Office in Bangalore is at Unity Building, Narasimhara Square Bangalore 560002	22 36 71