

BUREAU OF INDIAN STANDARDS

Program of Work

CED 4 : Building Limes And Gypsum Products

Scope: SUBJECTS PERTAINING TO: 1) MANUFACTURE OF BUILDING LIME AND LIME PRODUCTS 2) SUPPLY AND STORAGE OF BUILDING LIME, AND 3) USE OF BUILDING LIME AND LIME PRODUCTS ON CONSTRUCTION WORKS 4) GYPSUM BUILDING MATERIAL; 5) GYPSUM PLASTER BOARD, NON-LOAD BEARING GYPSUM PLASTER BLOCK 6) GLOSSARY OF TERMS RELATING TO LIME AND GYPSUM 7) GYPSUM PLASTER, AND 8) METHOD OF TEST FOR GYPSUM PLASTER CONCRETE AND PRODUCTS, GYPSUM TILES AND REINFORCED BLOCKS.

Liaison:

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10049:1981 Reviewed In : 2024	Code of practice for manufacture of lime based blocks	January, 2024	3	Indigenous
2	IS 10359:1982 Reviewed In : 2024	Code Of Practice For Manufacture And Use Of Lime-pozzolana Concrete Blocks For Paving	May, 2024	4	Indigenous
3	IS 10360:1982 Reviewed In : 2024	Lime-pozzolana Concrete Blocks For Paving	May, 2024	4	Indigenous
4	IS 10772:1983 Reviewed In : 2024	Specification for quick setting lime pozzolana mixture	May, 2024	3	Indigenous
5	IS 12654:1989 Reviewed In : 2020 Reaffirmed but not taken up for revision	Low grade gypsum - Use in building industry - Code of practice	September, 2020	1	Indigenous
6	IS 12679:2023	By-Product Gypsum for Construction - Specification (Second Revision)		-	Indigenous
7	IS 12894:2002 Reviewed In : 2022	Pulverized fuel ash - Lime bricks - Specification (First Revision)	January, 2022	2	Indigenous
8	IS 13001:1991 Reviewed In : 2022	Guidelines for manufacture of gypsum plaster in Mechanized pan system	January, 2022	-	Indigenous
9	IS 14401:1996 Reviewed In : 2022	Handling and Storage of Building Limes- Guidelines	January, 2022	1	Indigenous
10	IS 14401:2025	Handling and Storage of Building Limes - Guidelines (First Revision)		-	Indigenous
11	IS 14860:2000 Reviewed In : 2024	Guidelines on fuel saving in vertical mixed - Feed lime shaft kilns	May, 2024	-	Indigenous
12	IS 15648:2006 Reviewed In : 2020	Pulverized fuel ash for lime - Pozzolana mixture applications -	September, 2020	-	Indigenous

		Specification			
13	IS 16135:2014 Reviewed In : 2024	Dry Lining and Partitioning Using Gypsum Plasterboard - Code of Practice	May, 2024	-	Indigenous
14	IS 1624:1986 Reviewed In : 2024	Methods of field testing of building lime (Second Revision)	May, 2024	2	Indigenous
15	IS 1635:1992 Reviewed In : 2024	Field Slaking of Building Lime and Preparation of Putty - Code of practice (Second Revision)	January, 2024	-	Indigenous
16	IS 17400:2021	Glass Fibre Reinforced Gypsum Building Panels Specification		-	Indigenous
17	IS 17401:2021	Design and Construction of Buildings using Glass Fibre Reinforced Gypsum Panels - Code of Practice		-	Indigenous
18	IS 18387:2023	Gypsum Ceiling Tiles - Specification		-	Indigenous
19	IS 1849 (Part 1/Sec 1):1990 Reviewed In : 2024	Design and installation of vertical mixed feed lime kiln - Guide: Part 1 for limestone: Sec 1 masonry type shaft (Second Revision))	January, 2024	-	Indigenous
20	IS 1849 (Part 1/Sec 2):1991 Reviewed In : 2024	Design and installation of vertical mixed feed lime kiln - guide: Part 1 for limestone: Sec 2 reinforced cement concrete type shaft	May, 2024	1	Indigenous
21	IS 1861 (Part 1):1990 Reviewed In : 2024	Manufacture of lime in vertical mixed - Feed type kilns - guide: Part 1 from limestone (Second Revision)	May, 2024	-	Indigenous
22	IS 2095 (Part 1):2023	Gypsum Plaster Boards - Specification: Part 1 Plain Gypsum Plaster Boards (Fourth Revision)		-	Indigenous
23	IS 2095 (Part 1):2011 Reviewed In : 2021	Gypsum plaster boards - Specification: Part 1 plain gypsum plaster boards (Fourth Revision)	March, 2021	-	Indigenous
24	IS 2095 (Part 2):2022	Gypsum plaster boards - specification: Part 2 Coated laminated gypsum plaster boards (Third Revision)		-	Indigenous
25	IS 2095 (Part 3):2022	Gypsum Plaster Boards — Specification Part 3 Reinforced Gypsum Plaster Boards and Ceiling Tiles (Fourth Revision)		1	Indigenous
26	IS 2469:2023	Gypsum - Glossary of Terms (Second Revision)		-	Indigenous
27	IS 2541:1991 Reviewed In : 2024	Preparation and use of lime concrete - Code of practice (Second Revision)	May, 2024	-	Indigenous
28	IS 2542 (Part 1/Sec 1):2023	Gypsum Plaster, Concrete and Products - Methods of Test: Part 1 Plaster and Concrete Section 1 Determination of Normal Consistency of Gypsum Plaster (Second Revision)		-	Indigenous
29	IS 2542 (Part 1/Sec 2):2023	Gypsum Plaster, Concrete and Products - Methods of Test: Part 1 Plaster and Concrete Section 2 Determination of Normal Consistency of Gypsum Concrete		-	Indigenous

		(Second Revision)			
30	IS 2542 (Part 1/Sec 3):2023	Gypsum Plaster, Concrete and Products - Methods of Test: Part 1 Plaster and Concrete Section 3 Determination of Setting Time of Plaster and Concrete (Second Revision)		-	Indigenous
31	IS 2542 (Part 1/Sec 4):2023	Gypsum Plaster, Concrete and Products - Methods of Test: Part 1 Plaster and Concrete Section 4 Determination of Transverse Strength of Gypsum Plaster (Second Revision)		-	Indigenous
32	IS 2542 (Part 1/Sec 5):2023	Gypsum Plaster, Concrete and Products - Methods of Test: Part 1 Plaster and Concrete Section 5 Determination of Compressive Strength and Dry Set Density of Gypsum Plaster (Second Revision)		-	Indigenous
33	IS 2542 (Part 1/Sec 6):2023	Gypsum Plaster, Concrete and Products - Methods of Test: Part 1 Plaster and Concrete Section 6 Determination of Soundness of Gypsum Plaster (Second Revision)		-	Indigenous
34	IS 2542 (Part 1/Sec 7):2023	Gypsum Plaster, Concrete and Products - Methods of Test: Part 1 Plaster and Concrete Section 7 Determination of Impact Resistance of Gypsum Plaster by Dropping Ball Test (Second Revision)		-	Indigenous
35	IS 2542 (Part 1/Sec 8):2023	Gypsum Plaster, Concrete and Products - Method of Test Part 1 Plaster and Concrete Section 8 Determination of Mass of Coarse Particles (Second Revision)		-	Indigenous
36	IS 2542 (Part 1/Sec 9):2023	Gypsum Plaster, Concrete and Products - Methods of Test: Part 1 Plaster and Concrete Section 9 Determination of Expansion of Gypsum Plaster (Second Revision)		-	Indigenous
37	IS 2542 (Part 1/Sec 10):2023	Gypsum Plaster, Concrete and Products - Methods of Test: Part 1 Plaster and Concrete Section 10 Determination of Sand in Set Gypsum Plaster (Second Revision)		-	Indigenous
38	IS 2542 (Part 1/Sec 11):2023	Gypsum Plaster Concrete and Products - Methods of Test: Part 1 Plaster and Concrete Section 11 Determination of Wood Fibre Content in Wood Fibre Gypsum Plaster (Second Revision)		-	Indigenous
39	IS 2542 (Part 1/Sec 12):2023	Gypsum Plaster Concrete and Products - Methods of Test: Part 1 Plaster and Concrete Section 12 Determination of Dry Bulk Density (Second Revision)		-	Indigenous
40	IS 2542 (Part 1/Sec 13):2023	Gypsum Plaster, Concrete and Products - Methods of Test: Part 1		-	Indigenous

		Plaster and Concrete Section 13 Determination of Free Water (Second Revision)			
41	IS 2542 (Part 1/Sec 14):2023	Gypsum Plaster, Concrete and Products - Methods of Test: Part 1 Plaster and Concrete Section 14 Determination of Fineness (Second Revision)		-	Indigenous
42	IS 2542 (Part 1/Sec 112):1978 Reviewed In : 2022	Methods of test for gypsum plaster, concrete and products: Part 1 plaster and concrete (First Revision)	January, 2022	3	Indigenous
43	IS 2542 (Part 2/Sec 18):1981 Reviewed In : 2022	Methods of test for gypsum plaster, concrete and products: Part 2 gypsum products (First Revision)	January, 2022	1	Indigenous
44	IS 2547 (Part 1):1976 Reviewed In : 2022	Specification for gypsum building plaster: Part 1 excluding premixed lightweight plasters (First Revision)	January, 2022	3	Indigenous
45	IS 2547 (Part 2):1976 Reviewed In : 2022	Specification for gypsum building plasters: Part 2 premixed lightweight plasters (First Revision)	January, 2022	1	Indigenous
46	IS 2686:1977 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for cinder aggregates for use in lime concrete (First Revision)	January, 2024	1	Indigenous
47	IS 2849:1983 Reviewed In : 2022	Specification for non - Load bearing gypsum partition blocks (Solid And Hollow Types) (First Revision)	January, 2022	4	Indigenous
48	IS 3068:1986 Reviewed In : 2019 Reaffirmed but not taken up for revision	Broken brick (burnt clay) coarse aggregates for use in lime concrete - Specification (Second Revision)	May, 2019	1	Indigenous
49	IS 3115:1992 Reviewed In : 2024	Lime based blocks - Specification (Second Revision)	January, 2024	1	Indigenous
50	IS 3182:1986 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for Broken Brick (Burnt Clay) Fine Aggregates for use in Lime Mortar (Second Revision)	May, 2019	1	Indigenous
51	IS 4098:1983 Reviewed In : 2024	Specification for lime - Pozzolana mixture (First Revision)	May, 2024	3	Indigenous
52	IS 4139:1989 Reviewed In : 2024	Calcium Silicate Bricks - Specification (Second Revision)	May, 2024	1	Indigenous
53	IS 5817:1992 Reviewed In : 2024	Preparation and use of lime - Pozzolana mixture concrete in buildings and roads - Code of practice (First Revision)	May, 2024	2	Indigenous
54	IS 6508:1988 Reviewed In : 2024	Glossary of terms relating to building lime (First Revision)	January, 2024	-	Indigenous
55	IS 6932 (Part 1):2025	Building Limes - Method of Test: Part 1 Determination of Insoluble Residue in Dilute Acid and Alkali, Loss on Ignition, Insoluble Residue in Hydrochloric Acid, Silicon Dioxide, Ferric and Aluminium Oxide, Calcium Oxide and		-	Indigenous

		Magnesium Oxide (First Revision)			
56	IS 6932 (Part 1):1973 Reviewed In : 2024	Method of test for building limes Part 1 Determination of insoluble residue, loss on ignition, insoluble matter, silicone dioxide, ferric and aluminium oxide, calcium oxide and magnesium oxide	May, 2024	3	Indigenous
57	IS 6932 (Part 2):2025	Building Limes - Method of Test: Part 2 Determination of Carbon Dioxide Content (First Revision)		-	Indigenous
58	IS 6932 (Part 2):1973 Reviewed In : 2024	Method of test for building limes Determination of carbon dioxide content	May, 2024	2	Indigenous
59	IS 6932 (Part 3):2025	Building Limes - Method of Test: Part 3 Determination of Residue on Slaking of Quicklime (First Revision)		-	Indigenous
60	IS 6932 (Part 3):1973 Reviewed In : 2024	Method of test for building limes: Part 3 Determination of residue on slaking of quicklime	April, 2024	1	Indigenous
61	IS 6932 (Part 4):2025	Building Limes - Method of Test: Part 4 Determination of Fineness of Hydrated Lime (First Revision)		-	Indigenous
62	IS 6932 (Part 4):1973 Reviewed In : 2024	Method of test for building limes: Part 4 Determination of fineness of hydrated lime	May, 2024	2	Indigenous
63	IS 6932 (Part 5):2025	Building Limes - Method of Test: Part 5 Determination of Unhydrated Oxide (First Revision)		-	Indigenous
64	IS 6932 (Part 5):1973 Reviewed In : 2024	Method of test for building limes: Part 5 Determination of unhydrated oxide	May, 2024	1	Indigenous
65	IS 6932 (Part 6):2025	Building Limes - Method of Test: Part 6 Determination of Volume Yield of Quicklime (First Revision)		-	Indigenous
66	IS 6932 (Part 6):1973 Reviewed In : 2024	Method of test for building limes Part VI Determination of volume yield of quicklime	May, 2024	1	Indigenous
67	IS 6932 (Part 7):2025	Building Limes - Method of Test: Part 7 Determination of Compressive and Transverse Strengths (First Revision)		-	Indigenous
68	IS 6932 (Part 7):1973 Reviewed In : 2024	Method of test for building limes Part VII Determination of compressive and transverse strength	May, 2024	4	Indigenous
69	IS 6932 (Part 8):2025	Building Limes - Method of Test: Part 8 Determination of Workability (First Revision)		-	Indigenous
70	IS 6932 (Part 8):1973 Reviewed In : 2024	Method of test for building limes Part VIII Determination of workability	May, 2024	1	Indigenous
71	IS 6932 (Part 9):2025	Building Limes - Method of Test: Part 9 Determination of Soundness (First Revision)		-	Indigenous
72	IS 6932 (Part 9):1973	Method of test for building lime: Part 9 Determination of soundness	May, 2024	1	Indigenous

	Reviewed In : 2024				
73	IS 6932 (Part 10):1973 Reviewed In : 2024	Methods of Tests for Building Limes - Part X : Determination of Popping and Pitting of Hydrated Lime	May, 2024	1	Indigenous
74	IS 6932 (Part 10):2025	Building Limes - Method of Test: Part 10 Determination of Popping and Pitting of Hydrated Lime (First Revision)		-	Indigenous
75	IS 6932 (Part 11):2025	Building Limes - Method of Test: Part 11 Determination of Setting Time of Hydrated Lime (First Revision)		-	Indigenous
76	IS 6932 (Part 11):1983 Reviewed In : 2024	Methods of Tests for Building Limes - Part 11 : Determination of Setting Time of Hydrated Lime	May, 2024	1	Indigenous
77	IS 712:1984 Reviewed In : 2024	Specification for building limes (Third Revision)	May, 2024	1	Indigenous
78	IS 8272:1984 Reviewed In : 2022	Specification for gypsum plaster for use in the manufacture of fibrous plaster boards (First Revision)	January, 2022	1	Indigenous
79	IS 9498:1980 Reviewed In : 2022	Specification for inorganic aggregates for use in gypsum plaster	January, 2022	1	Indigenous

Standards under Development

Projects Approved		
SI. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards		
SI. No.	Doc No.	Title
No Records Found		

Drafts Standards in WC Stage		
SI. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage		
SI. No.	Doc No.	Title
1	CED 4 (28235)	Lime Based Blocks - Specification Third Revision
2	CED 4 (28237)	Calcium Silicate Bricks - Specification Third Revision

Finalized Draft Indian Standard		
SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print		
SI. No.	Doc No.	Title

No Records Found

Total Published Standards:65 Total Standards Under development:2

Aspect Wise Report

Product : 23
Code of Practices : 12
Methods of Test : 28
Terminology : 2
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 1
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

Sl. No.	IS No. & Year	Title
1	IS 1625:1971	Code of practice for preparation of lime mortar for use in buildings
2	IS 1849 (Part 2):1977	Guide for design and installation of vertical mixed-feed type lime kiln Part 2 For limeshell
3	IS 1861 (Part 2):1977 Reviewed In : 2003	Guide for manufacture of lime in vertical mixed-feed type kiln Part 2 From limeshell
4	IS 5498:1969	Lime-cement-cinder hollow concrete blocks

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS 10360:1982 Reviewed In : 2024	Lime-pozzolana Concrete Blocks For Paving
2	IS 10772:1983 Reviewed In : 2024	Specification for quick setting lime pozzolana mixture
3	IS 12679:2023	By-Product Gypsum for Construction - Specification Second Revision
4	IS 12894:2002 Reviewed In : 2022	Pulverized fuel ash - Lime bricks - Specification First Revision
5	IS 15648:2006 Reviewed In : 2020	Pulverized fuel ash for lime - Pozzolana mixture applications - Specification
6	IS 17400:2021 ISO 10368:2006	Glass Fibre Reinforced Gypsum Building Panels Specification
7	IS 17401:2021 ISO 11156 : 2011	Design and Construction of Buildings using Glass Fibre Reinforced Gypsum Panels - Code of Practice
8	IS 18387:2023	Gypsum Ceiling Tiles - Specification
9	IS 2095 (Part 1):2023	Gypsum Plaster Boards - Specification Part 1 Plain Gypsum Plaster Boards Fourth Revision
10	IS 2095 (Part 2):2022	Gypsum plaster boards - specification Part 2 Coated laminated gypsum plaster boards Third Revision
11	IS 2095 (Part 3):2022 ISO 20570:2018	Gypsum Plaster Boards Specification Part 3 Reinforced Gypsum Plaster Boards and Ceiling Tiles Fourth Revision
12	IS 2547 (Part 1):1976 Reviewed In : 2022	Specification for gypsum building plaster Part 1 excluding premixed lightweight plasters First Revision
13	IS 2547 (Part 2):1976	Specification for gypsum building plasters Part 2 premixed lightweight plasters First Revision

	Reviewed In : 2022	
14	IS 2686:1977 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for cinder aggregates for use in lime concrete First Revision
15	IS 2849:1983 Reviewed In : 2022	Specification for non - Load bearing gypsum partition blocks Solid And Hollow Types First Revision
16	IS 3068:1986 Reviewed In : 2019 Reaffirmed but not taken up for revision	Broken brick burnt clay coarse aggregates for use in lime concrete - Specification Second Revision
17	IS 3115:1992 Reviewed In : 2024	Lime based blocks - Specification Second Revision
18	IS 3182:1986 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for Broken Brick Burnt Clay Fine Aggregates for use in Lime Mortar Second Revision
19	IS 4098:1983 Reviewed In : 2024	Specification for lime - Pozzolana mixture First Revision
20	IS 4139:1989 Reviewed In : 2024	Calcium Silicate Bricks - Specification Second Revision
21	IS 712:1984 Reviewed In : 2024	Specification for building limes Third Revision
22	IS 8272:1984 Reviewed In : 2022	Specification for gypsum plaster for use in the manufacture of fibrous plaster boards First Revision
23	IS 9498:1980 Reviewed In : 2022	Specification for inorganic aggregates for use in gypsum plaster