

BUREAU OF INDIAN STANDARDS

Program of Work

CED 30 : Clay And Stabilized Soil Products For Construction

Scope: STANDARDIZATION IN THE FIELD OF BURNT, UNBURNT CLAY AND STABILIZED SOIL PRODUCTS FOR CONSTRUCTION.

Liaison:

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 1077 : 1992 Reviewed In : 2021	Common burnt clay building bricks - Specification (Fifth Revision)	September, 2021	1	Indigenous
2	IS 11650 : 1991 Reviewed In : 2021	Guide for manufacture of common burnt clay building bricks by semi - Mechanized process (First Revision)	September, 2021	-	Indigenous
3	IS 13317 : 2023	CLAY ROOFING COUNTRY TILES HALF ROUND AND FLAT TILES SPECIFICATION		-	Indigenous
4	IS 13757 : 1993 Reviewed In : 2021	Burnt Clay Fly Ash Building Bricks specification	September, 2021	2	Indigenous
5	IS 1464 : 2024	Clay Ridge and Ceiling Tiles - Specification (Third Revision)		-	Indigenous
6	IS 1478 : 2023	Clay Flooring Tiles Specification		-	Indigenous
7	IS 17057 : 2019 Reaffirmed but not taken up for revision	Construction of Bull™s Trench Brick Kiln " Guidelines		-	Indigenous
8	IS 17058 : 2019 Reaffirmed but not taken up for revision	Glossary of Terms Relating to Brick Kilns		-	Indigenous
9	IS 17059 : 2019 Reaffirmed but not taken up for revision	Construction of Zig Zag Brick Kiln " Guidelines		-	Indigenous
10	IS 17165 : 2020	Manufacture of Stabilized Soil Blocks - Guidelines		-	Indigenous
11	IS 1725 : 2023	STABILIZED SOIL BLOCKS USED IN GENERAL BUILDING		-	Indigenous

		CONSTRUCTION SPECIFICATION			
12	IS 2117 : 1991 Reviewed In : 2021	Guide for manufacture of hand - Made common burnt - Clay building bricks (Third Revision)	September, 2021	-	Indigenous
13	IS 2180 : 1988 Reviewed In : 2021	Specification for heavy duty burnt clay building bricks (Third Revision)	September, 2021	1	Indigenous
14	IS 2222 : 1991 Reviewed In : 2021	Specification for burnt clay perforated building bricks (Third Revision)	September, 2021	3	Indigenous
15	IS 2248 : 1992 Reviewed In : 2021	Glossary of terms relating to clay products for buildings (Second Revision)	September, 2021	1	Indigenous
16	IS 2690 (Part 1) : 2023	BURNT CLAY FLAT TERRACING TILES - SPECIFICATION PART 1 MACHINE MADE		-	Indigenous
17	IS 2690 (Part 2) : 2023	BURNT CLAY FLAT TERRACING TILES - SPECIFICATION PART 2 HAND MADE		-	Indigenous
18	IS 2691 : 2017 Reviewed In : 2023	Burnt Clay Facing Bricks - Specification (Third Revision)	February, 2023	-	Indigenous
19	IS 3367 : 2023	BURNT CLAY TILES FOR USE IN LINING IRRIGATION AND DRAINAGE WORKS - SPECIFICATION		-	Indigenous
20	IS 3495 (Part 1) : 2019 Reaffirmed but not taken up for revision	Burnt Clay Building Bricks â€™ Methods of Tests Part 1 Determination of Compressive Strength (Fourth Revision)		-	Indigenous
21	IS 3495 (Part 2) : 2019 Reaffirmed but not taken up for revision	Burnt Clay Building Bricks â€™ Methods of Tests Part 2 Determination of Water Absorption (Fourth Revision)		-	Indigenous
22	IS 3495 (Part 3) : 2019 Reaffirmed but not taken up for revision	Burnt Clay Building Bricks â€™ Methods of Tests Part 3 Determination of Efflorescence (Fourth Revision)		-	Indigenous
23	IS 3495 (Part 4) : 2019 Reaffirmed but not taken up for revision	Burnt Clay Building Bricks â€™ Methods of Tests Part 4 Determination of Warpage (Fourth Revision)		-	Indigenous
24	IS 3495 (Part 5) : 2021	Methods of tests of burnt clay building bricks: Part 5		-	Indigenous

		Determination of Initial Rate of Absorption			
25	IS 3495 (Part 6) : 2022	Methods of tests of burnt clay building bricks: Part 6 Determination of modulus of rupture		-	Indigenous
26	IS 3583 : 1988 Reviewed In : 2020	Burnt Clay Paving Bricks	February, 2020	-	Indigenous
27	IS B3583 : 1988 Reviewed In : 2020	burnt clay paving bricks (BI-LINGUAL)	February, 2020	-	
28	IS H3583 : 1988 Reviewed In : 2020	burnt clay paving bricks (HINDI)	February, 2020	-	Indigenous
29	IS 3951 (Part 1) : 2023	HOLLOW CLAY TILES FOR FLOORS AND ROOFS SPECIFICATION PART 1 FILLER TYPE		-	Indigenous
30	IS 3951 (Part 2) : 2023	HOLLOW CLAY TILES FOR FLOORS AND ROOFS SPECIFICATION PART 2 STRUCTURAL TYPE		-	Indigenous
31	IS 3952 : 2013 Reviewed In : 2019	Burnt clay hollow bricks for walls and partitions - Specification	December, 2019	-	Indigenous
32	IS 3978 : 1967 Reviewed In : 2021	Manufacture of burnt clay Mangalore pattern roofing tiles- Code of practice	September, 2021	-	Indigenous
33	IS 4885 : 1988 Reviewed In : 2020	Specification for sewer bricks (First Revision)	February, 2020	-	Indigenous
34	IS 5454 : 2024	Burnt Clay Bricks and Burnt Clay Tiles ½ Methods of Sampling		-	Indigenous
35	IS 5779 : 1986 Reviewed In : 2021	Specification for burnt clay soling bricks (First Revision)	September, 2021	-	Indigenous
36	IS 6165 : 1992 Reviewed In : 2021	Dimensions for special shapes of clay bricks (First Revision)	September, 2021	-	Indigenous
37	IS 654 : 2023	Clay Roofing Tiles Mangalore Pattern Specification		-	Indigenous
38	IS 7556 : 1988 Reviewed In : 2020	Specification for burnt clay jallies (First Revision)	February, 2020	-	Indigenous

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	CED 30 (26671) Revision of: IS 2180:1988	Heavy Duty Burnt Clay Building Bricks Specification

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	CED 30 (26161) Revision of: IS 2180:1988	Common Burnt Clay Building Bricks - Specification

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	CED 30 (26163) Revision of: IS 2248:1992	GLOSSARY OF TERMS RELATING TO CLAY PRODUCTS FOR BUILDINGS

Total Published Standards:38 Total Standards Under development:3

Aspect Wise Report

Product : 22
Code of Practices : 3
Methods of Test : 6
Terminology : 2
Dimensions : 1
System Standard : 0
Safety Standard : 0
Others : 4
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 3102 : 1971	Classification of burnt clay solid bricks
2	IS 3495 (Part 14) : 1992 Reviewed In : 2016	Methods of tests of burnt clay building bricks Part 1 Determination of compressive strength Part 2 Determination of water absorption Part 3 Determination of efflorescence Part 4 Determination of warpage
3	IS 4805 : 1978 Reviewed In : 2007	Guide For Construction Of Brick Kiln
4	IS 8920 : 1978 Reviewed In : 2023	Methods for sampling of burnt clay tiles

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 1077 : 1992 Reviewed In : 2021	Common burnt clay building bricks - Specification Fifth Revision
2	IS 13317 : 2023	CLAY ROOFING COUNTRY TILES HALF ROUND AND FLAT TILES SPECIFICATION
3	IS 13757 : 1993 Reviewed In : 2021	Burnt Clay Fly Ash Building Bricks-specification
4	IS 1464 : 2024	Clay Ridge and Ceiling Tiles - Specification Third Revision
5	IS 1478 : 2023	Clay Flooring Tiles Specification
6	IS 1725 : 2023	STABILIZED SOIL BLOCKS USED IN GENERAL BUILDING CONSTRUCTION

	ISO 17401 : 2023	SPECIFICATION
7	IS 2180 : 1988 Reviewed In : 2021	Specification for heavy duty burnt clay building bricks Third Revision
8	IS 2222 : 1991 Reviewed In : 2021	Specification for burnt clay perforated building bricks Third Revision
9	IS 2690 (Part 1) : 2023 ISO 11712:2023	BURNT CLAY FLAT TERRACING TILES - SPECIFICATION PART 1 MACHINE MADE
10	IS 2690 (Part 2) : 2023 ISO 18218-1:2023	BURNT CLAY FLAT TERRACING TILES - SPECIFICATION PART 2 HAND MADE
11	IS 2691 : 2017 Reviewed In : 2023	Burnt Clay Facing Bricks - Specification Third Revision
12	IS 3367 : 2023 ISO 11978:2017 + AMD 1:2020	BURNT CLAY TILES FOR USE IN LINING IRRIGATION AND DRAINAGE WORKS - SPECIFICATION
13	IS 3583 : 1988 Reviewed In : 2020	Burnt Clay Paving Bricks
14	IS B3583 : 1988 Reviewed In : 2020	burnt clay paving bricks BI-LINGUAL
15	IS H3583 : 1988 Reviewed In : 2020	burnt clay paving bricks HINDI
16	IS 3951 (Part 1) : 2023 ISO 8536-3:2009+Amd1:2022	HOLLOW CLAY TILES FOR FLOORS AND ROOFS SPECIFICATION PART 1 FILLER TYPE
17	IS 3951 (Part 2) : 2023	HOLLOW CLAY TILES FOR FLOORS AND ROOFS SPECIFICATION PART 2 STRUCTURAL TYPE
18	IS 3952 : 2013 Reviewed In : 2019	Burnt clay hollow bricks for walls and partitions - Specification
19	IS 4885 : 1988 Reviewed In : 2020	Specification for sewer bricks First Revision
20	IS 5779 : 1986 Reviewed In : 2021	Specification for burnt clay soling bricks First Revision
21	IS 654 : 2023	Clay Roofing Tiles Mangalore Pattern Specification
22	IS 7556 : 1988 Reviewed In : 2020	Specification for burnt clay jallies First Revision