BUREAU OF INDIAN STANDARDS

Program of Work

CHD 27: Thermal Insulation

Scope: To formulate Indian Standards for terminology; methods of sampling and test; code of practice

including decommissioning and disposals aspects of thermal insulating materials; specification for thermal insulation materials and cellular insulations (excluding cork and lingo-cellulesic

materials)

Liaison: ISO TC-163 (P): Thermal performance and energy use in the built environment ISO TC-163

SC-1 (O): Test and measurement methods ISO TC-163 SC-2 (O): Calculation methods ISO

TC-163 SC-3 (O): Thermal insulation products, components and systems

Published Standards

| S.No | IS No. | TITLE | Reaffirm M-Y | No. of Amds | Eqv. |
|------|--------------------|--------------------------------------|--------------|-------------|----------------------|
| 1 | IS 10555 : 2002 | Exfoliated vermiculite - | April, 2024 | - | Indigenous |
| | Reviewed In: 2024 | Specification (First Revision) | | | |
| 2 | IS 10556 : 2014 | Storage and handling of thermal | May, 2024 | - | |
| | Reviewed In: 2024 | insulation materials Code of | | | |
| | | practice (First Revision) | | | |
| 3 | IS 11128 : 2018 | Spray applied hydrated calcium | May, 2023 | - | Indigenous |
| | Reviewed In: 2023 | silicate thermal insulation | | | |
| 4 | IS 11129 : 2018 | Method of test for tumbling | March, 2023 | - | Indigenous |
| | | friability of preformed block - | | | |
| | Reviewed In: 2023 | Type thermal insulation (First | | | |
| | | Revision) | | | |
| 5 | IS 11239 (Part 1): | Methods of test for rigid cellular | April, 2024 | - | Identical under dual |
| | 2009 | thermal insulation materials: Part 1 | | | numbering |
| | ISO 1923:1981 | dimensions | | | |
| | Reviewed In: 2024 | | | | |
| | ISO 1923:1981 | | | | |
| 6 | IS 11239 (Part 2): | Method of test for rigid cellular | March, 2024 | - | Identical under dual |
| | 2019 | thermal insulation materials: Part 2 | | | numbering |
| | ISO 845 : 2006 | apparent density (Second Revision) | | | |
| | Reviewed In: 2024 | | | | |
| | ISO 845:2006 | | | | |
| 7 | IS 11239 (Part 3): | Method of test for rigid cellular | April, 2024 | - | Identical under dual |
| | 2009 | thermal insulation materials: Part 3 | | | numbering |
| | ISO 2796 | dimensional stability (First | | | |
| | Reviewed In: 2024 | Revision) | | | |
| | ISO 2796:1986 | | | | |
| 8 | IS 11239 (Part 4): | Method of test for rigid cellular | April, 2024 | - | Identical under dual |
| | 2014 | thermal insulation materials: Part 4 | | | numbering |
| | ISO 1663 : 2007 | water vapour transmission rate | | | |
| | Reviewed In: 2024 | (First Revision) | | | |
| | ISO 1663 : 2007 | | | | |
| 9 | IS 11239 (Part 5): | Method of test for rigid cellular | March, 2024 | - | Identical under dual |
| | 2019 | thermal insulation materials: Part 5 | | | numbering |
| I | I | l l | | I | |

| I | ISO 4590 : 2016 | volume percent of open and closed | | I | 1 |
|----------|---|--|---------------|---|----------------|
| | Reviewed In : 2024 | cells (Second Revision) | | | |
| | ISO 4590:2016 | cens (Second Revision) | | | |
| 10 | IS 11239 (Part 6): | Methods of test for rigid cellular | April, 2024 | | Indigenous |
| 10 | 1985 | thermal insulation materials: Part 6 | Aprii, 2024 | _ | margenous |
| | Reviewed In: 2024 | heat distortion temperature | | | |
| 11 | IS 11239 (Part 7): | Methods of test standard for rigid | April, 2024 | _ | Indigenous |
| 11 | 1985 | cellular thermal insulation | Aprii, 2024 | | margenous |
| | Reviewed In: 2024 | materials: Part 7 coefficient of | | | |
| | Reviewed III . 2024 | linear thermal expansion at low | | | |
| | | temperatures | | | |
| 12 | IS 11239 (Part 8): | Methods of test for rigid cellular | April, 2024 | _ | Indigenous |
| | 1985 | thermal insulation materials: Part 8 | 11p111, 202 : | | mangenous |
| | Reviewed In: 2024 | flame height, time of burning and | | | |
| | 110 110 110 110 110 110 110 110 110 110 | loss of mass | | | |
| 13 | IS 11239 (Part 9): | Methods of test for rigid cellular | April, 2024 | - | Not Equivalent |
| | 1988 | thermal insulation materials: Part 9 | 1 / | | 1 |
| | Reviewed In: 2024 | water absorption | | | |
| | ISO 2896 | The second secon | | | |
| 14 | IS 11239 (Part 10): | Methods of test for rigid cellular | April, 2024 | - | Indigenous |
| | 1985 | thermal insulation materials: Part | <u>*</u> · | | |
| L_ | Reviewed In: 2024 | 10 flexural strength | | | |
| 15 | IS 11239 (Part 11): | Methods of test for rigid cellular | April, 2024 | - | Indigenous |
| | 1985 | thermal insulation materials: Part | | | |
| | Reviewed In: 2024 | 11 compressive strength | | | |
| 16 | IS 11239 (Part 12): | Methods of test for rigid cellular | April, 2024 | - | Indigenous |
| | 1988 | thermal insulation materials: Part | | | |
| | Reviewed In: 2024 | 12 horizontal burning | | | |
| | | characteristics | | | |
| 17 | | · · | April, 2024 | 1 | Indigenous |
| | 1992 | thermal insulation materials: Part | | | |
| | Reviewed In: 2024 | 14 determination of flammability | | | |
| | | by oxygen index | | | |
| 18 | IS 11307 : 1985 | Specification for cellular glass | June, 2022 | - | Indigenous |
| | Reviewed In: 2022 | block and pipe thermal insulation | | | |
| 19 | IS 11308 : 1985 | Specification for hydraulic setting | June, 2022 | - | Indigenous |
| | Reviewed In: 2022 | thermal insulating castables for | | | |
| 20 | IC 11200 2024 | temperatures up to 1 250°C | | | T., 4! |
| 20 | IS 11308 : 2024 | Hydraulic Setting Thermal | | - | Indigenous |
| | | Insulating Castables for Temperatures up to 1 250 °C â€" | | | |
| | | Specification (First Revision) | | | |
| 21 | IS 12432 (Part 1): | Code of practice for application of | June, 2022 | _ | Indigenous |
| 41 | 1988 | spray applied insulation: Part 1 | Juile, 2022 | _ | margonous |
| | Reviewed In: 2022 | mineral fibre | | | |
| 22 | IS 12432 (Part 2): | Application of spray insulation - | June, 2022 | _ | Indigenous |
| | 1999 | Code of: Part 2 calcium silicate | | | |
| | Reviewed In: 2022 | | | | |
| 23 | IS 12432 (Part 3): | Application of spray applied | April, 2024 | 1 | Indigenous |
| | 2002 | insulation - Code of practice: Part | <u>*</u> ′ | | |
| L | Reviewed In: 2024 | 3 polyurethane/polyisocyanurate | | | |
| 24 | IS 12436 : 1988 | Specification for preformed rigid | June, 2022 | 1 | Indigenous |
| | Reviewed In: 2022 | polyurethane (Pur) and | | | |
| | | polyisocyanurate (Pir) foams for | | | |
| | | thermal insulation | | | |
| 25 | IS 13204 : 2024 | Rigid Phenolic Foam for Thermal | | - | Indigenous |
| | | Insulation â€" Specification (First | | | |
| <u> </u> | | Revision) | | | |
| 26 | IS 13204 : 1991 | Rigid phenolic foam for thermal | June, 2022 | 2 | Indigenous |
| • | • | · | | • | 1 |

| I | Reviewed In: 2022 | insulation - Specification | | 1 | 1 |
|-----|--------------------------------------|--|---------------|---|----------------------|
| 27 | IS 13205 : 2023 | Application of Polyurethane | | - | Indigenous |
| | | Insulation by the In-Situ Pouring | | | |
| | | Method ? Code of Practice (First | | | |
| | | Revision) | | | |
| 28 | IS 13286 : 1992 | Surface spread of flame for | June, 2022 | 1 | Indigenous |
| | Reviewed In: 2022 | thermal insulation materials - | , | | |
| | | Methods of test | | | |
| 29 | IS 14164 : 2008 | Industrial application and | April, 2024 | 2 | Indigenous |
| | Reviewed In: 2024 | finishings of thermal insulation | 11p111, 202 . | | indigenous |
| | rteviewed in : 2021 | materials at temperatures above - | | | |
| | | 80°C and up to 750°C - Code of | | | |
| | | practice (First Revision) | | | |
| 30 | IS 14656 : 1999 | Ceramic fibre products - Methods | June, 2022 | _ | Indigenous |
| | Reviewed In: 2022 | of test | June, 2022 | | margenous |
| 31 | IS 15402 : 2003 | Ceramic fibre blanket insulation - | April, 2024 | 1 | Indigenous |
| | Reviewed In : 2024 | Specification | April, 2024 | 1 | margenous |
| 32 | IS 16203 : 2016 | Prefabricated polyurethane | October, 2021 | | Indigenous |
| 32 | 13 10203 . 2010 | sandwich panels - Specification | OCIOUE1, 2021 | _ | margenous |
| | Reviewed In: 2021 | sandwich panels - Specification | | | |
| 33 | IS 18652 : 2024 | THERMAL INSULATION FOR | | | Identical under dual |
| 33 | ISO 12241 : 2022 | BUILDING EQUIPMENT AND | | _ | numbering |
| | ISO 12241 : 2022 ISO 12241 : 2022 | INDUSTRIAL INSTALLATIONS | | | numbering |
| | 130 12241 ; 2022 | CALCULATION RULES | | | |
| 34 | IS 3069 : 2020 | Glossary of Terms, Symbols and | April, 2024 | + | Indigenous |
| 34 | 13 3009 : 2020 | | Aprii, 2024 | - | margenous |
| | Davison d In . 2024 | Units Relating to Thermal | | | |
| | Reviewed In: 2024 | Insulation Materials (Second | | | |
| 35 | IS 3144 : 1992 | Revision) Mineral wool thermal insulation | I 2022 | 3 | In diagnosis |
| 33 | Reviewed In : 2022 | I I | June, 2022 | 3 | Indigenous |
| | Reviewed III: 2022 | materials - Method of test (Second | | | |
| 36 | IS 3346 : 1980 | Revision) Method for the determination of | June, 2022 | | Indiannous |
| 30 | Reviewed In : 2022 | thermal conductivity of thermal | June, 2022 | - | Indigenous |
| | Reviewed III: 2022 | insulation materials (Two Slab, | | | |
| | | · · · · · · · · · · · · · · · · · · · | | | |
| | | Guarded Hot - Plate Method) (First | | | |
| 27 | IS 3677 : 1985 | Revision) | I 2022 | 1 | In diaments |
| 37 | | Specification for unbonded rock | June, 2022 | | Indigenous |
| | Reviewed In: 2022 | and slag wool for thermal | | | |
| 20 | IC 4671 : 2010 | insulation (Second Revision) | Jul 2022 | + | In diame |
| 38 | IS 4671 : 2018 | Expanded polystyrene for thermal | July, 2023 | - | Indigenous |
| 20 | Reviewed In : 2023 | insulation purposes | I | + | T 1! |
| 39 | IS 5688 : 2018 | Methods of Test for Preformed | January, 2023 | - | Indigenous |
| | Davious d Is 2002 | Block-Type and Pipe-Covering | | | |
| | Reviewed In: 2023 | Type Thermal Insulation (Second | | | |
| 40 | IC 5704 : 2010 | Revision) Thermal inculating coments | Jul., 2022 | 1 | Indiana |
| 40 | IS 5724 : 2018 | Thermal insulating cements - | July, 2023 | - | Indigenous |
| | Davious d In : 2022 | Methods of test (First Revision) | | | |
| A 1 | Reviewed In : 2023 | Collular agrants for the most | Inno 2022 | + | Indiana |
| 41 | IS 6598 : 2018 | Cellular concrete for thermal | June, 2023 | - | Indigenous |
| | Davious d Is 2002 | insulation - Specification (First | | | |
| 40 | Reviewed In : 2023 | Revision) | Morah 2024 | | Indiana |
| 42 | IS 661 : 2019 | Thermal insulation of cold storage | March, 2024 | - | Indigenous |
| | D 17 202 (| - Code of practice (Fourth | | | |
| 40 | Reviewed In : 2024 | Revision) | | + | T 11 |
| 43 | IS 7509 : 2024 | Thermal Insulating Cements | | - | Indigenous |
| | | �Specification (Second | | | |
| 4.4 | TC 0154 2004 | Revision) | | + | T., 4! |
| 44 | IS 8154 : 2024 | Preformed Calcium Silicate | | - | Indigenous |
| | | Insulation (For temperatures up to | | | |
| | - | · • | | - | • |

| 45 IS 8183 : 1993 Bonded mineral wool - Specification (First Revision) 46 IS 8183 : 2024 Bonded mineral wool - Specification (First Revision) 47 IS 9403 : 2018 Method of test for thermal conductance and transmittance of Beviewed In : 2023 Duilt - Up Section by means of guarded hot box (First Revision) 48 IS 9428 : 1993 Reviewed In : 2022 Reviewed In : 2022 Indigenous 49 IS 9428 : 2024 Preformed Calcium Silicate Insulation (For Temperature Up To 950 A**C) AE** Specification (First Revision) 50 IS 9489 : 2018 Reviewed In : 2024 Conductivity of Thermal Insulation Materials by Means of Heat Flow Meter (First Revision) 51 IS 9490 : 2018 Method of Test for Thermal Reviewed In : 2023 Method for determination of thermal conductivity of thermal insulation materials (Water Calorimeter Method) (First Revision) 52 IS 9742 : 2024 Sprayed Mineral Wool Thermal Insulation items insulation items in the sulation items in | | | 650�C) � Specification | | | |
|--|----|-------------------|---------------------------------------|--------------|---|------------|
| Reviewed In : 2022 Specification (First Revision) Specification Speci | | | (Second Revision) | | | |
| 46 | 45 | IS 8183 : 1993 | Bonded mineral wool - | June, 2022 | 4 | Indigenous |
| Specification April, 2023 Indigenous | | Reviewed In: 2022 | Specification (First Revision) | | | |
| April, 2023 Indigenous Conductance and transmittance of built - Up Section by means of guarded hot box (First Revision) | 46 | IS 8183 : 2024 | Bonded mineral wool - | | - | Indigenous |
| Conductance and transmittance of built - Up Section by means of guarded hot box (First Revision) | | | Specification | | | |
| Reviewed In : 2023 built - Up Section by means of guarded hot box (First Revision) | 47 | IS 9403 : 2018 | Method of test for thermal | April, 2023 | - | Indigenous |
| guarded hot box (First Revision) 48 IS 9428: 1993 | | | conductance and transmittance of | | | |
| Reviewed In : 2022 Reviewed In : 2022 Reviewed In : 2022 Reviewed In : 2022 Revision | | Reviewed In: 2023 | built - Up Section by means of | | | |
| Reviewed In : 2022 insulation (For Temperature Up To 950°C) - Specification (First Revision) | | | guarded hot box (First Revision) | | | |
| 950°C) - Specification (First Revision) 950°C) - Specification (First Revision) 950°C) - Specification (For Temperature up to 950°C) °A°C) °A°C °A°C °A°C °A°C °A°C °A°C | 48 | IS 9428 : 1993 | Preformed calcium silicate | June, 2022 | 2 | Indigenous |
| 950°C) - Specification (First Revision) 950°C) - Specification (First Revision) 950°C) - Specification (For Temperature up to 950°C) °A°C) °A°C °A°C °A°C °A°C °A°C °A°C | | Reviewed In: 2022 | insulation (For Temperature Up To | | | C |
| Revision) 49 IS 9428 : 2024 Preformed Calcium Silicate Insulation (For Temperature up to 950 ŰC) â€" Specification (Second Revision) — Indigenous 50 IS 9489 : 2018 Method of Test for Thermal Conductivity of Thermal Insulation Materials by Means of Heat Flow Meter (First Revision) Mathod for determination of thermal conductivity of thermal insulation materials (Water Calorimeter Method) (First Revision) August, 2023 — Indigenous 51 IS 9490 : 2018 Method for determination of thermal conductivity of thermal insulation materials (Water Calorimeter Method) (First Revision) — Indigenous 52 IS 9742 : 2024 Sprayed Mineral Wool Thermal Insulation i_{ξ} ½ Specification (Second Revision) — Indigenous 53 IS 9743 : 2020 Thermal Insulation Finishing Cement — Specification (Second Revision) April, 2024 — Indigenous 54 IS 9842 : 1994 Reviewed In : 2019 Preformed fibrous pipe insulation - Specification (First Revision) June, 2019 2 Indigenous | | | 950°C) - Specification (First | | | |
| Insulation (For Temperature up to 950 ŰC) â€" Specification (Second Revision) | | | - | | | |
| Insulation (For Temperature up to 950 ŰC) å€" Specification (Second Revision) | 49 | IS 9428 : 2024 | Preformed Calcium Silicate | | - | Indigenous |
| 950 °C) â€" Specification (Second Revision) | | | Insulation (For Temperature up to | | | S |
| CSecond Revision Second Re | | | | | | |
| Reviewed In: 2024 Conductivity of Thermal Insulation Materials by Means of Heat Flow Meter (First Revision) 51 | | | | | | |
| Reviewed In: 2024 Conductivity of Thermal Insulation Materials by Means of Heat Flow Meter (First Revision) 51 | 50 | IS 9489 : 2018 | Method of Test for Thermal | May, 2024 | - | Indigenous |
| Materials by Means of Heat Flow Meter (First Revision) 51 IS 9490: 2018 Method for determination of thermal conductivity of thermal insulation materials (Water Calorimeter Method) (First Revision) 52 IS 9742: 2024 Sprayed Mineral Wool Thermal Insulation \(\frac{7}{16}\)½ Specification (Second Revision) 53 IS 9743: 2020 Thermal Insulation Finishing Cement — Specification (Second Revision) 54 IS 9842: 1994 Reviewed In: 2019 Preformed fibrous pipe insulation - Specification (First Revision) Specification (First Revision) June, 2019 2 Indigenous | | Reviewed In: 2024 | Conductivity of Thermal Insulation | • | | C |
| Meter (First Revision) Sign | | | • | | | |
| thermal conductivity of thermal insulation materials (Water Calorimeter Method) (First Revision) 52 IS 9742: 2024 Sprayed Mineral Wool Thermal Insulation i¿½ Specification (Second Revision) 53 IS 9743: 2020 Thermal Insulation Finishing Cement — Specification (Second Revision) 54 IS 9842: 1994 Preformed fibrous pipe insulation - Specification (First Revision) 55 Is 9842: 1994 Preformed fibrous pipe insulation - Specification (First Revision) | | | - | | | |
| thermal conductivity of thermal insulation materials (Water Calorimeter Method) (First Revision) 52 IS 9742: 2024 Sprayed Mineral Wool Thermal Insulation i¿½ Specification (Second Revision) 53 IS 9743: 2020 Thermal Insulation Finishing Cement — Specification (Second Revision) 54 IS 9842: 1994 Preformed fibrous pipe insulation - Specification (First Revision) 55 Is 9842: 1994 Preformed fibrous pipe insulation - Specification (First Revision) | 51 | IS 9490 : 2018 | Method for determination of | August, 2023 | - | Indigenous |
| Reviewed In : 2023 insulation materials (Water Calorimeter Method) (First Revision) | | | thermal conductivity of thermal | | | C |
| Revision) 52 IS 9742 : 2024 Sprayed Mineral Wool Thermal Insulation ï _{\(\infty\)2 Specification (Second Revision) 53 IS 9743 : 2020 Thermal Insulation Finishing Cement — Specification (Second Reviewed In : 2024 Revision) 54 IS 9842 : 1994 Reviewed In : 2019 Preformed fibrous pipe insulation - Specification (First Revision) 54 Specification (First Revision)} | | Reviewed In: 2023 | • | | | |
| Revision) 52 IS 9742 : 2024 Sprayed Mineral Wool Thermal Insulation � Specification (Second Revision) 53 IS 9743 : 2020 Thermal Insulation Finishing Cement — Specification (Second Reviewed In : 2024 Revision) 54 IS 9842 : 1994 Reviewed In : 2019 Preformed fibrous pipe insulation - Specification (First Revision) Specification (First Revision) | | | Calorimeter Method) (First | | | |
| Sprayed Mineral Wool Thermal Indigenous Insulation "i/2 Specification (Second Revision) Specification (Second Revision) Specification (Second Revision) April, 2024 Indigenous Indigenou | | | · · · · · · · · · · · · · · · · · · · | | | |
| Insulation i¿½ Specification (Second Revision) 53 IS 9743 : 2020 Thermal Insulation Finishing Cement — Specification (Second Reviewed In : 2024 Revision) 54 IS 9842 : 1994 Preformed fibrous pipe insulation - Reviewed In : 2019 Specification (First Revision) 54 IS 9842 : 1994 Preformed fibrous pipe insulation - Specification (First Revision) | 52 | IS 9742 : 2024 | | | - | Indigenous |
| Second Revision Second Revision April, 2024 Indigenous | | | | | | 2 |
| 53 IS 9743 : 2020 Thermal Insulation Finishing Cement — Specification (Second Reviewed In : 2024 Revision) 54 IS 9842 : 1994 Reviewed In : 2019 Preformed fibrous pipe insulation - Specification (First Revision) 58 IS 9743 : 2020 - Indigenous - Indi | | | ÿ 1 | | | |
| Cement — Specification (Second Reviewed In : 2024 Revision) | 53 | IS 9743 : 2020 | ` / | April, 2024 | - | Indigenous |
| Reviewed In: 2024 Revision) 54 IS 9842: 1994 Preformed fibrous pipe insulation - Reviewed In: 2019 Specification (First Revision) 2 Indigenous | | | e l | 1 / | | |
| 54 IS 9842 : 1994 Preformed fibrous pipe insulation - June, 2019 2 Indigenous Specification (First Revision) | | Reviewed In: 2024 | ÷ | | | |
| Reviewed In: 2019 Specification (First Revision) | 54 | | , | June, 2019 | 2 | Indigenous |
| | | | | , | | <i>5</i> |
| | 55 | | Preformed fibrous pipe insulation - | | - | Indigenous |
| Specification Specification | | | | | | 6- |

Standards under Development

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

| | Preliminary Draft Standards | | | | |
|---------|-----------------------------|---|--|--|--|
| SI. No. | Doc No. | Title | | | |
| 1 | CHD 27 (25732) | Fire Performance for Thermal Insulation Materials to be Used in Building Equipments or Building | | | |
| | | Structures - Method of Test | | | |
| 2 | CHD 27 (25792) | Flexible Aerogel blanket - Specification | | | |

| Drafts Standards in WC Stage | | | | |
|------------------------------|-------------------------|---|--|--|
| SI. No. | Doc No. | Title | | |
| 1 | CHD 27 (25762) Revision | Cellular Glass Block and Pipe Thermal Insulation - Specification First revision | | |
| | of: IS 11307:1985 | | | |

| | Draft Standards Completed WC Stage | | | | | |
|---------|------------------------------------|--|--|--|--|--|
| SI. No. | Doc No. | Title | | | | |
| 1 | CHD 27 (24897) Revision | SURFACE SPREAD OF FLAME FOR THERMAL INSULATION MATERIALS METHODS | | | | |
| | of: IS 11307:1985 | OF TEST First Revision | | | | |
| 2 | CHD 27 (24920) | Thermal insulation Determination of steady-state thermal transmission properties of thermal | | | | |
| | | insulation for circular pipes | | | | |
| 3 | CHD 27 (25020) Revision | Application of spray applied insulation Code of practice Part 1 Mineral fibre | | | | |
| | of: IS 11307:1985 | | | | | |
| 4 | CHD 27 (25021) Revision | Application of spray applied insulation Code of practice Part 2 Calcium Silicate | | | | |
| | of: IS 11307:1985 | | | | | |
| 5 | CHD 27 (25288) Revision | Methods of Test for Rigid Cellular Thermal Insulation Materials Part 8 Flame Height Time of | | | | |
| | of: IS 11307:1985 | Burning and Loss of Mass | | | | |
| 6 | CHD 27 (25291) Revision | Methods of Test for Rigid Cellular Thermal Insulation Materials Part 11 Compressive Strength | | | | |
| | of: IS 11307:1985 | | | | | |

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

| Finalized Draft Indian Standards under Print | | | | |
|--|-------------------------|--|--|--|
| SI. No. | Doc No. | Title | | |
| 1 | CHD 27 (20646) Revision | MINERAL WOOL THERMAL INSULATION MATERIALS - METHOD OF TEST THIRD | | |
| | of: IS 3144:1992 | REVISION | | |

Total Published Standards:49 Total Standards Under development:10

Aspect Wise Report

Product: 18
Code of Practices: 6
Methods of Test: 24
Terminology: 1
Dimensions: 0
System Standard: 0
Safety Standard: 0

Others: 0
Service Specification: 0
Process Specification: 0
Unclassified: 1

Annexure-I :List of Indian Standards Withdrawn/Superseded

| SI. No. | IS No. & Year | Title |
|---------|-------------------|--|
| 1 | IS 10556 : 1983 | Code of practice for storage and handling of thermal insulation materials |
| | Reviewed In: 2004 | |
| 2 | IS 3690 : 1974 | Unbonded Glass Wool For Thermal Insulation |
| | Reviewed In: 1990 | |
| 3 | IS 5696 : 1970 | Loose mineral wool rock wool and slag wool |
| | | |
| 4 | IS 7240 : 1981 | Code of practice for industrial applications and finishing of thermal insulating materials at |
| | Reviewed In: 1990 | temperature from -80 C to 40 C |
| 5 | IS 7413: 1981 | Code of practice for thermal industrial application and finishing of thermal insulating materials at |
| | | temperature above 40 C to 700 deg C |
| 6 | IS 7510: 1974 | Thermal insulating cement type 350 |
| | Reviewed In: 1990 | |

| 7 | IS 9350 : 1980 | Thermal Insulating Cement type 950 |
|---|-------------------|------------------------------------|
| | Reviewed In: 1990 | |

Annexure-II :List of Indian Product Standards

| SI. No. | IS No. & Year | Title |
|---------|--------------------------|--|
| 1 | IS 10555 : 2002 | Exfoliated vermiculite - Specification First Revision |
| | Reviewed In: 2024 | · |
| 2 | IS 11128 : 2018 | Spray applied hydrated calcium silicate thermal insulation |
| | Reviewed In: 2023 ISO | |
| | 24516- 1 - 2016 | |
| 3 | IS 11307 : 1985 | Specification for cellular glass block and pipe thermal insulation |
| | Reviewed In: 2022 | |
| 4 | IS 11308 : 2024 | Hydraulic Setting Thermal Insulating Castables for Temperatures up to 1 250 C Specification First Revision |
| 5 | IS 12436 : 1988 | Specification for preformed rigid polyurethane Pur and polyisocyanurate Pir foams for thermal |
| | Reviewed In: 2022 | insulation |
| 6 | IS 13204 : 2024 | Rigid Phenolic Foam for Thermal Insulation Specification First Revision |
| 7 | IS 15402 : 2003 | Ceramic fibre blanket insulation - Specification |
| | Reviewed In: 2024 | |
| 8 | IS 16203 : 2016 | Prefabricated polyurethane sandwich panels - Specification |
| | Reviewed In: 2021 | |
| 9 | IS 3677 : 1985 | Specification for unbonded rock and slag wool for thermal insulation Second Revision |
| | Reviewed In: 2022 | Special control and only in our for the first in our firs |
| 10 | IS 4671 : 2018 | Expanded polystyrene for thermal insulation purposes |
| | Reviewed In: 2023 11701: | |
| | 2009 | |
| 11 | IS 6598 : 2018 | Cellular concrete for thermal insulation - Specification First Revision |
| | | |
| | Reviewed In: 2023 | |
| 12 | IS 7509 : 2024 | Thermal Insulating Cements Specification Second Revision |
| 13 | IS 8154 : 2024 | Preformed Calcium Silicate Insulation For temperatures up to 650 C Specification Second |
| | | Revision |
| 14 | IS 8183 : 2024 | Bonded mineral wool - Specification |
| 15 | IS 9428 : 2024 | Preformed Calcium Silicate Insulation For Temperature up to 950 C Specification Second |
| | | Revision |
| 16 | IS 9742 : 2024 | Sprayed Mineral Wool Thermal Insulation Specification Second Revision |
| | | 1 |
| 17 | IS 9743 : 2020 | Thermal Insulation Finishing Cement Specification Second Revision |
| | | |
| | Reviewed In: 2024 | |
| 18 | IS 9842 : 2024 | Preformed fibrous pipe insulation - Specification |
| | | |