

BUREAU OF INDIAN STANDARDS

Program of Work

MTD 15 : Refractories Sectional Committee

Scope: Standardization in the field of refractories

Liaison: **ISO TC-33 (P): Refractories** **ISO TC-33 (P): Test methods for dense shaped refractories**

Published Standards

| S.No | IS No. | TITLE | Reaffirm M-Y | No. of Amds | Eqv. |
|------|--|---|----------------|-------------|--------------------------------|
| 1 | IS 10047:2023 <i>ISO 1927-5: 2012</i> | Refractory Plastic and Ramming Mass - Method of test (First Revision) | | - | Not Equivalent |
| 2 | IS 10551:2005 <i>Reviewed In : 2025</i> | Zircon mullite refractories for glass furnace applications - Specification (First Revision) | February, 2025 | - | Indigenous |
| 3 | IS 10570:2011 <i>Reviewed In : 2022</i> | Methods of testing refractory castables (First Revision) | March, 2022 | - | Indigenous |
| 4 | IS 10817:1984 <i>Reviewed In : 2025</i> Decision taken to Reaffirm and Archive | Specification for bauxite for refractory industry | February, 2025 | - | Indigenous |
| 5 | IS 10819:1999 <i>Reviewed In : 2022</i> | Chromite for refractory industry - Specification (First Revision) | March, 2022 | - | Indigenous |
| 6 | IS 11036:1984 <i>Reviewed In : 2022</i> | Specification for clay graphite stopper heads | March, 2022 | - | Indigenous |
| 7 | IS 12847:1997 <i>Reviewed In : 2022</i> | Carbon bonded silicon carbide crucibles - Specification (First Revision) | March, 2022 | - | Indigenous |
| 8 | IS 12893:2006 ISO 1146:1988 <i>Reviewed In : 2022</i> <i>ISO 1146:1988</i> | Pyrometric reference cones for laboratory use - Specification (First Revision) | March, 2022 | - | Identical under dual numbering |
| 9 | IS 1292:1991 <i>Reviewed In : 2022</i> | Silica mortar for laying silica bricks in furnaces - Specification (First Revision) | March, 2022 | - | Indigenous |
| 10 | IS 12951:2006 <i>Reviewed In : 2022</i> | Mica insulating bricks for high temperature applications - Specification (First Revision) | March, 2022 | - | Indigenous |
| 11 | IS 13150:1991 <i>Reviewed In : 2022</i> | Silica mortar for laying silica bricks in coke ovens - Specification | March, 2022 | - | Indigenous |
| 12 | IS 14296:1995 <i>Reviewed In : 2022</i> | Dolomite for refractory industry - Specification | March, 2022 | 1 | Indigenous |
| 13 | IS 14301:1995 <i>Reviewed In : 2022</i> | Kyanite for refractory industry - Specification | March, 2022 | 1 | Indigenous |
| 14 | IS 14302:1995 <i>Reviewed In : 2022</i> | Beach sand silimanite for refractory industry - Specification | March, 2022 | - | Indigenous |

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|----|---|---|----------------|---|--------------------------------|
| 15 | IS 14303:1995 Reviewed In : 2022 | Magnesite for refractory industry - Specification | March, 2022 | - | Indigenous |
| 16 | IS 14313:1995 Reviewed In : 2022 | 70 percent alumina bricks - Specification | March, 2022 | - | Indigenous |
| 17 | IS 14406:1996 Reviewed In : 2022 | Refractories for forge and heat treatment furnaces - Recommendations | March, 2022 | - | Indigenous |
| 18 | IS 14447:1997 Reviewed In : 2022 | Refractories for use in foundry industry - Recommendations | March, 2022 | - | Indigenous |
| 19 | IS 14713:1999 Reviewed In : 2022 | Synthetic (Fused) mullite and alumina grains for refractory industry - Specification | March, 2022 | 1 | Indigenous |
| 20 | IS 14852:2000 Reviewed In : 2022 | Flaky graphite for refractory industry - Specification | March, 2022 | - | Indigenous |
| 21 | IS 1526:1960 Reviewed In : 2022 | Sizes and shapes for firebricks (230 Mm Series) | March, 2022 | 1 | Indigenous |
| 22 | IS 1528 (Part 1):2010 Reviewed In : 2024 | Methods of sampling and physical tests for refractory materials: Part 1 determination of pyrometric cone equivalent (Pce) or softening point (Third Revision) | July, 2024 | 3 | Indigenous |
| 23 | IS 1528 (Part 2):2011 Reviewed In : 2023 | Methods of sampling and physical tests for refractory materials: Part 2 determination of refractoriness under load (Second Revision) | August, 2023 | 1 | Indigenous |
| 24 | IS 1528 (Part 3):2010 Reviewed In : 2024 | Methods of sampling and physical tests for refractory materials: Part 3 determination of spalling resistance (Third Revision) | July, 2024 | 1 | Indigenous |
| 25 | IS 1528 (Part 4):2012 Reviewed In : 2022 ISO 10059-1 | Methods of sampling and physical tests for refractory materials: Part 4 determination of cold crushing strength of dense shaped refractories products (Second Revision) | March, 2022 | 1 | Not Equivalent |
| 26 | IS 1528 (Part 5):2007 ISO 5014:1997 Reviewed In : 2022 ISO 5014:1997 | Methods of sampling and physical tests for refractory materials: Part 5 method for determination of modulus of rupture at ambient temperature of dense and insulating shaped refractory products (Third Revision) | March, 2022 | - | Identical under dual numbering |
| 27 | IS 1528 (Part 6):2010 Reviewed In : 2024 ISO 2477 | Methods of sampling and physical tests for refractory materials: Part 6 determination of permanent linear change after reheating for shaped insulating and dense refractories (Second Revision) | July, 2024 | - | Not Equivalent |
| 28 | IS 1528 (Part 7):2010 Reviewed In : 2025 ISO 5022 and ISO 1927-2 | Methods of sampling and physical tests for refractory materials: Part 7 methods of sampling and criteria for conformity (Second Revision) | February, 2025 | 1 | Not Equivalent |
| 29 | IS 1528 (Part 9):2007 ISO 5018:1983 Reviewed In : 2022 ISO 5018:1983 | Methods of sampling and physical tests for refractory materials: Part 9 determination of true density (Fourth Revision) | March, 2022 | - | Identical under dual numbering |
| 30 | IS 1528 (Part | Methods of sampling and physical | March, 2022 | - | Identical under dual |

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|----|---|---|--------------|---|--------------------------------|
| | 12):2007 ISO 5016:1997 Reviewed In : 2022 ISO 5016:1997 | tests for refractory materials: Part 12 method for determination of bulk density and true porosity of shaped insulating refractory products (Second Revision) | | | numbering |
| 31 | IS 1528 (Part 13):2007 ISO 12676:2000 Reviewed In : 2022 ISO 12676:2000 | Methods of sampling and physical tests for refractory materials: Part 13 determination of resistance to carbon monoxide (Second Revision) | March, 2022 | - | Identical under dual numbering |
| 32 | IS 1528 (Part 14):1974 Reviewed In : 2024 ISO 13765-5 | Methods of sampling and physical tests for refractory materials: Part 14 determination of sieve analysis (First Revision) | March, 2024 | - | Not Equivalent |
| 33 | IS 1528 (Part 15):2020 ISO 5017:2013 Reviewed In : 2024 ISO 5017:2013 | Methods of Sampling and Physical Tests for Refractory Materials Part 15 Method for Determination of Bulk Density, Apparent Porosity and True Porosity of Dense Shaped Refractory Products (Second Revision) | July, 2024 | - | Identical under dual numbering |
| 34 | IS 1528 (Part 16):2020 ISO 8894-2:2007 Reviewed In : 2024 ISO 8894-2 : 2007 | Methods of Sampling and Physical Tests for Refractory Materials Part 16 Determination of Thermal Conductivity According to Hot-Wire Method (Parallel) (Second Revision) | July, 2024 | - | Identical under dual numbering |
| 35 | IS 1528 (Part 17):2012 ISO 8895:2004 Reviewed In : 2023 ISO 8895:2004 | Methods of sampling and physical tests for refractory materials: Part 17 shaped insulating refractory products - Determination of cold crushing strength (First Revision) | August, 2023 | - | Identical under dual numbering |
| 36 | IS 1528 (Part 18):1993 ISO 3187:1989 Reviewed In : 2023 ISO 3187:1989 | Methods of sampling and physical tests for refractory materials: Part 18 determination of creep in compression | August, 2023 | - | Identical under dual numbering |
| 37 | IS 1528 (Part 19):2020 ISO 16835 : 2014 Reviewed In : 2024 ISO 16835 | Methods of Sampling and Physical Tests for Refractory Materials Part 19 Determination of Thermal Expansion (First Revision) | July, 2024 | - | Identical under dual numbering |
| 38 | IS 1528 (Part 20):2023 ISO 5013 : 1985 ISO 5013 : 1985 | Methods of Sampling and Physical Tests for Refractory Materials : Part 20 Determination of Modulus of Rupture at Elevated Temperature (first revision) | | - | Identical under dual numbering |
| 39 | IS 1528 (Part 21):2020 ISO 8894-1: 2010 Reviewed In : 2024 ISO 8894-1 : 2010 | Methods of Sampling and Physical Tests for Refractory Materials Part 21 Determination of Thermal Conductivity According to Hot-Wire Method (Cross-Array and Resistance Thermometer) (First Revision) | July, 2024 | - | Identical under dual numbering |
| 40 | IS 1528 (Part 22):2007 ISO 8841:1991 Reviewed In : 2022 ISO 8841:1991 | Methods of sampling and physical tests for refractory materials: Part 22 method for determination of permeability to gases of dense shaped refractory products | March, 2022 | - | Identical under dual numbering |

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|----|--|--|----------------|---|---------------------------------|
| 41 | IS 1528 (Part 23):2011 Reviewed In : 2022 ISO 16282:2008 | Methods of sampling and physical tests for refractory materials: Part 23 methods of test for dense shaped refractory products - Determination of resistance to abrasion at ambient temperature | March, 2022 | - | Identical under dual numbering |
| 42 | IS 1528 (Part 24):2020 ISO 16334 : 2013 Reviewed In : 2024 ISO 16334 : 2013 | Methods of Sampling and Physical Tests for Refractory Materials Part 24 Monolithic Refractory Products – Determination of Resistance to Explosive Spalling | July, 2024 | - | Identical under dual numbering |
| 43 | IS 1528 (Part 25):2020 ISO 16349 : 2015 Reviewed In : 2024 16349 : 2015 | Methods of Sampling and Physical Tests for Refractory Materials Part 25 Determination of Abrasion Resistance at Elevated Temperature | July, 2024 | - | Identical under dual numbering |
| 44 | IS 1528 (Part 26):2024 ISO 8890:1988 ISO 8890:1988 | Methods of Sampling and Physical Tests for Refractory Materials : Part 26 Method for Determination of Resistance to Sulfuric Acid of Dense Shaped Refractory Products | | - | Identical under dual numbering |
| 45 | IS 1528 (Part 27):2024 ISO 22685:2021 ISO 22685:2021 | Methods of Sampling and Physical Tests for Refractory Materials : Part 27 Method for Determination of Compressive Strength at Elevated Temperature of Refractory Products | | - | Identical under dual numbering |
| 46 | IS 1528 (Part 28):2025 ISO 12680-1:2005 | Methods of Sampling and Physical Tests for Refractory Materials : Part 28 Determination of dynamic Young's modulus (MOE) by impulse excitation of vibration | | - | Modified/Technically Equivalent |
| 47 | IS 1528 (Part 29):2025 ISO 22605:2020 ISO 22605:2020 | Methods of Sampling and Physical Tests for Refractory Materials : Part 29 Determination of dynamic Young's modulus (MOE) at elevated temperatures by impulse excitation of vibration | | - | Identical under dual numbering |
| 48 | IS 15507:2004 Reviewed In : 2025 | Basic insulating coating material for application in tundish used in steel plants - Specification | February, 2025 | - | Indigenous |
| 49 | IS 15508:2004 Reviewed In : 2025 | Refractory mass (Basic Gunning) for steel plant application - Specification | February, 2025 | - | Indigenous |
| 50 | IS 15541:2005 Reviewed In : 2022 | Low cement and ultra low cement castables for general purposes - Specification | March, 2022 | - | Indigenous |
| 51 | IS 15895:2018 Reviewed In : 2023 | High alumina refractory cement - Specification (First Revision) | August, 2023 | - | Indigenous |
| 52 | IS 16051 (Part 1):2013 ISO 12678-1:1996 Reviewed In : 2023 ISO 12678-1:1996 | Refractory products - Measurement of dimensions and external defects of refractory bricks: Part 1 dimensions and conformity to drawings | August, 2023 | - | Identical under dual numbering |
| 53 | IS 16051 (Part 2):2013 ISO 12678-2:1996 Reviewed In : 2023 | Refractory products - Measurement of dimensions and external defects of refractory bricks: Part 2 corner and edge | August, 2023 | - | Identical under dual numbering |

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|----|---|---|--------------|---|--------------------------------|
| | ISO 12678-2:1996 | defects and other surface imperfections | | | |
| 54 | IS 16052 (Part 1):2013 ISO 13765-1:2004 Reviewed In : 2023 ISO 13765-1:2004 | Refractory mortars: Part 1 determination of consistency using the penetrating cone method | August, 2023 | - | Identical under dual numbering |
| 55 | IS 16052 (Part 2):2013 ISO 13765-2:2004 Reviewed In : 2023 ISO 13765-2:2004 | Refractory mortars: Part 2 determination of consistency using the reciprocating flow table method | August, 2023 | - | Identical under dual numbering |
| 56 | IS 16052 (Part 3):2013 ISO 13765-3:2004 Reviewed In : 2023 ISO 13765-3:2004 | Refractory mortars: Part 3 determination of joint stability | August, 2023 | - | Identical under dual numbering |
| 57 | IS 16052 (Part 4):2013 ISO 13765-4: 2004 Reviewed In : 2022 ISO 13765-4:2004 | Refractory mortars: Part 4 determination of flexural bonding strength | August, 2022 | - | Identical under dual numbering |
| 58 | IS 16052 (Part 5):2013 ISO 13765-5:2004 Reviewed In : 2022 ISO 13765-5:2004 | Refractory mortars: Part 5 determination of grain size distribution (Sieve Analysis) | August, 2022 | - | Identical under dual numbering |
| 59 | IS 16052 (Part 6):2013 ISO 13765-6:2004 Reviewed In : 2022 ISO 13765-6:2004 | Refractory mortars: Part 6 determination of moisture content of ready - Mixed mortars | August, 2022 | - | Identical under dual numbering |
| 60 | IS 16052 (Part 7):2025 ISO 13765-7 : 2021 ISO 13765-7 : 2021 | Refractory mortars : Part 7 Determination of permanent change in dimensions on heating | | - | Identical under dual numbering |
| 61 | IS 17107:2019 Reviewed In : 2023 | Method for determination of thermal conductivity of dense as well as insulating fired refractories, refractory monolithics and precast prefired (PCPF) shapes | August, 2023 | 1 | Indigenous |
| 62 | IS 1749:2005 Reviewed In : 2022 | Burnt magnesite refractories - Specification (Third Revision) | March, 2022 | - | Indigenous |
| 63 | IS 1750:1995 Reviewed In : 2022 | Dead - Burned pea magnesite - Specification (Third Revision) | March, 2022 | - | Indigenous |
| 64 | IS 1751:1984 Reviewed In : 2022 | Specification for fireclay cupola refractories (Second Revision) | March, 2022 | - | Indigenous |
| 65 | IS 17699:2022 | Standard Classification of Silicon Carbide (SiC) Refractories | | - | Indigenous |
| 66 | IS 18169:2023 | DETERMINATION OF AVERAGE CRYSTAL SIZE OF MAGNESIA | | - | Indigenous |
| 67 | IS 18171:2023 ISO 8840:1987 | DETERMINATION OF DENSITY AND POROSITY FOR GRANULAR REFRACTORY MATERIALS | | - | Not Equivalent |
| 68 | IS 18816:2024 ISO 5417:1986 ISO 5417:1986 | Refractory bricks for use in rotary kilns i _c ½ Dimensions | | - | Identical under dual numbering |

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|----|--|--|----------------|---|--------------------------------|
| 69 | IS 18817:2024 ISO 9205:1988 ISO 9205:1988 | Refractory bricks for use in rotary kilns i _c ½ Hot-face identification marking | | - | Identical under dual numbering |
| 70 | IS 18824 (Part 1):2024 ISO 20182:2008 ISO 20182:2008 | Refractory test-piece preparation : Part 1 Gunning refractory panels by the pneumatic-nozzle mixing type guns. | | - | Identical under dual numbering |
| 71 | IS 18824 (Part 2):2024 ISO 18886:2016 ISO 18886:2016 | Refractory test-piece preparation : Part 2 Gunning refractory panels by wet gunning techniques | | - | Identical under dual numbering |
| 72 | IS 195:2005 Reviewed In : 2022 | Fireclay mortar for laying fireclay refractory bricks - Specification (Fourth Revision) | March, 2022 | - | Indigenous |
| 73 | IS 2042:2006 Reviewed In : 2022 | Insulating bricks - Specification (Second Revision) | March, 2022 | - | Indigenous |
| 74 | IS 2043:1984 Reviewed In : 2022 | Specification for siliceous fireclay refractories (First Revision) | March, 2022 | - | Indigenous |
| 75 | IS 2044:2005 Reviewed In : 2022 | Mullite refractories for glass melting tank furnaces - Specification (Second Revision) | March, 2022 | 1 | Indigenous |
| 76 | IS 3304:2005 Reviewed In : 2022 | Burnt magnesite - Chrome refractories for general purposes - Specification (First Revision) | March, 2022 | - | Indigenous |
| 77 | IS 3305:2005 Reviewed In : 2022 | Burnt chrome - Magnesite refractories for general purposes - Specification (First Revision) | March, 2022 | - | Indigenous |
| 78 | IS 4041:2006 ISO 836:2001 Reviewed In : 2022 ISO 836:2001 | Terminology for refractories (First Revision) | March, 2022 | - | Identical under dual numbering |
| 79 | IS 4812:1996 Reviewed In : 2022 | Silica refractories for coke oven - Specification (Second Revision) | March, 2022 | - | Indigenous |
| 80 | IS 4813:1980 Reviewed In : 2022 | Specification for chemically - Bonded chrome - Magnesitb refractories for general purposes (First Revision) | March, 2022 | - | Indigenous |
| 81 | IS 4814:1980 Reviewed In : 2022 | Specification for chemically - Bonded magnesite - Chrome refractories for general purposes - (First Revision) | March, 2022 | - | Indigenous |
| 82 | IS 483:1972 Reviewed In : 2022 | Specification for fireclay refractories for oil - Fired boiler furnaces of naval ships (First Revision) | March, 2022 | - | Indigenous |
| 83 | IS 484:1980 Reviewed In : 2022 | Specification for silica refractories for general purposes (Second Revision) | March, 2022 | - | Indigenous |
| 84 | IS 5495:1969 Reviewed In : 2022 | Sizes and shapes for firebricks (300 Mm And Higher Sizes) | March, 2022 | 1 | Indigenous |
| 85 | IS 6:1983 Reviewed In : 2025 | Moderate Heat Duty Fireclay Refractories, Group `A' | February, 2025 | - | Indigenous |
| 86 | IS 7199:2008 Reviewed In : 2024 | Blast furnace stove refractories - Specification (First Revision) | March, 2024 | - | Indigenous |
| 87 | IS 8:1994 Reviewed In : 2022 | High heat duty fireclay refractories - Specification (Fgth Revision) | April, 2022 | - | Indigenous |
| 88 | IS 8953:2006 Reviewed In : 2022 | 62 percent alumina bricks and blocks for blast furnace - Specification (First Revision) | March, 2022 | 1 | Indigenous |

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|----|------------------------------------|---|----------------|---|------------|
| 89 | IS 9010:1978 Reviewed In : 2022 | Specificatign for super heat duty fireclay refractories | March, 2022 | - | Indigenous |
| 90 | IS 9930:2005 Reviewed In : 2025 | Zircon refractories for glass furnace applications - Specification (First Revision) | February, 2025 | - | 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 |
| No Records Found | | |

| 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 | | |

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| Total Published Standards:80 Total Standards Under development:0 | | | | | |
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Aspect Wise Report

Product : 43

Code of Practices : 6

Methods of Test : 37

Terminology : 1

Dimensions : 2

System Standard : 0

Safety Standard : 0

Others : 0

Service Specification : 0

Process Specification : 0

Unclassified : 0

| Annexure-I :List of Indian Standards Withdrawn/Superseded | | | | | |
|---|---------------|--|-------|--|--|
| SI. No. | IS No. & Year | | Title | | |

| | | |
|----|--|--|
| 1 | IS 10607:1983 Reviewed In : 2017 | Specification for refractories for cement rotary kilns |
| 2 | IS 11452:1985 Reviewed In : 2020 | Method of testing air - Setting refractory mortars |
| 3 | IS 13185:1991 Reviewed In : 2022 | Method of test for determination of drying shrinkage of refractory mortars |
| 4 | IS 14374:1996 Reviewed In : 2011 | Refractories for chimney - Recommendation |
| 5 | IS 1522:1998 Reviewed In : 2017 | Fireclay blocks for glass tank furnace - Specification Second Revision |
| 6 | IS 1523:1972 Reviewed In : 2022 | Specification for bottom - Pouring refractories for steel plants First Revision |
| 7 | IS 1524:1968 Reviewed In : 2017 | Specification for refractory sleeves First Revision |
| 8 | IS 1525:1968 Reviewed In : 2017 | Ladle refractories for steel plants |
| 9 | IS 1528 (Part 8):1974 Reviewed In : 2009 | Methods of Sampling and Physical Tests for Refractory Materials - Part VIII Determination of Apparent Porosity |
| 10 | IS 1528 (Part 10):1974 Reviewed In : 2019 | Methods of sampling and physical tests for refractory materials Part 10 determination of size of refractory bricks First Revision |
| 11 | IS 1528 (Part 11):1993 Reviewed In : 2022 | Methods of sampling and physical tests for refractory materials Part 11 determination of warpage Second Revision |
| 12 | IS 1529:1971 Reviewed In : 2017 | Specification for blast furnace refractories for steel plants |
| 13 | IS 15895:2011 IEC TR 62351-90-2:2018 | High Alumina Refractory Cement |
| 14 | IS 17069:2019 | Method for Determination of Thermal Conductivity of Dense as Well as Insulating Fired Refractories Refractory Monolithics and Precast Prefired PCPF Shapes |
| 15 | IS 194:1950 | Recommendations for refractories for railways |
| 16 | IS 2045:1962 | Natural silimanite blocks for glass melting tanks furnaces |
| 17 | SP 37-3:1987 Reviewed In : 2017 | Handbook for refractories Part 3 refractories for cement kiln system |
| 18 | IS 4564:1968 Reviewed In : 2022 | Specification for fireclay nozzles |
| 19 | IS 4565:1968 Reviewed In : 2022 | Specification for fireclay stoppers |
| 20 | IS 4801:1980 Reviewed In : 2017 | Specification for chemically - Bonded magnesite - Chrome refractories for roof lining First Revision |
| 21 | IS 485:1954 | Methods of sampling and testing of refractory materials tentative |
| 22 | IS 6727:1972 Reviewed In : 2017 | Specification for fireclay checker - Bricks for open - Hearth furnace |
| 23 | IS 6728:1972 Reviewed In : 2022 | Specification for recuperator tubes tiles and collars for soaking pits in steel plants |
| 24 | IS 7:1980 | Moderate Heat Duty Fireclay Refractories Group B |
| 25 | IS 8966:1978 Reviewed In : 2022 | Specification for magnesite nozzles |
| 26 | IS 8977:1978 Reviewed In : 2022 | Specification for clay bonded graphite crucibles |

Annexure-II :List of Indian Product Standards

| Sl. No. | IS No. & Year | Title |
|---------|-------------------------------------|---|
| 1 | IS 10551:2005 Reviewed In : 2025 | Zircon mullite refractories for glass furnace applications - Specification First Revision |

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| 2 | IS 10817:1984 Reviewed In : 2025 Decision taken to Reaffirm and Archive | Specification for bauxite for refractory industry |
| 3 | IS 10819:1999 Reviewed In : 2022 | Chromite for refractory industry - Specification First Revision |
| 4 | IS 11036:1984 Reviewed In : 2022 | Specification for clay graphite stopper heads |
| 5 | IS 12847:1997 Reviewed In : 2022 | Carbon bonded silicon carbide crucibles - Specification First Revision |
| 6 | IS 12893:2006 ISO 1146:1988 Reviewed In : 2022 ISO 1146:1988 | Pyrometric reference cones for laboratory use - Specification First Revision |
| 7 | IS 1292:1991 Reviewed In : 2022 | Silica mortar for laying silica bricks in furnaces - Specification First Revision |
| 8 | IS 12951:2006 Reviewed In : 2022 | Mica insulating bricks for high temperature applications - Specification First Revision |
| 9 | IS 13150:1991 Reviewed In : 2022 | Silica mortar for laying silica bricks in coke ovens - Specification |
| 10 | IS 14296:1995 Reviewed In : 2022 | Dolomite for refractory industry - Specification |
| 11 | IS 14301:1995 Reviewed In : 2022 | Kyanite for refractory industry - Specification |
| 12 | IS 14302:1995 Reviewed In : 2022 | Beach sand silimanite for refractory industry - Specification |
| 13 | IS 14303:1995 Reviewed In : 2022 | Magnesite for refractory industry - Specification |
| 14 | IS 14313:1995 Reviewed In : 2022 | 70 percent alumina bricks - Specification |
| 15 | IS 14406:1996 Reviewed In : 2022 | Refractories for forge and heat treatment furnaces - Recommendations |
| 16 | IS 14447:1997 Reviewed In : 2022 | Refractories for use in foundry industry - Recommendations |
| 17 | IS 14713:1999 Reviewed In : 2022 | Synthetic Fused mullite and alumina grains for refractory industry - Specification |
| 18 | IS 14852:2000 Reviewed In : 2022 | Flaky graphite for refractory industry - Specification |
| 19 | IS 1526:1960 Reviewed In : 2022 | Sizes and shapes for firebricks 230 Mm Series |
| 20 | IS 15507:2004 Reviewed In : 2025 | Basic insulating coating material for application in tundish used in steel plants - Specification |
| 21 | IS 15508:2004 Reviewed In : 2025 | Refractory mass Basic Gunning for steel plant application - Specification |
| 22 | IS 15541:2005 Reviewed In : 2022 | Low cement and ultra low cement castables for general purposes - Specification |
| 23 | IS 1749:2005 Reviewed In : 2022 | Burnt magnesite refractories - Specification Third Revision |
| 24 | IS 1750:1995 Reviewed In : 2022 | Dead - Burned pea magnesite - Specification Third Revision |
| 25 | IS 1751:1984 Reviewed In : 2022 | Specification for fireclay cupola refractories Second Revision |
| 26 | IS 17699:2022 ISO 22286 : 2018 | Standard Classification of Silicon Carbide SiC Refractories |
| 27 | IS 195:2005 Reviewed In : 2022 | Fireclay mortar for laying fireclay refractory bricks - Specification Fourth Revision |
| 28 | IS 2042:2006 Reviewed In : 2022 | Insulating bricks - Specification Second Revision |
| 29 | IS 2043:1984 | Specification for siliceous fireclay refractories First Revision |

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| | Reviewed In : 2022 | |
| 30 | IS 2044:2005 Reviewed In : 2022 | Mullite refractories for glass melting tank furnaces - Specification Second Revision |
| 31 | IS 3304:2005 Reviewed In : 2022 | Burnt magnesite - Chrome refractories for general purposes - Specification First Revision |
| 32 | IS 3305:2005 Reviewed In : 2022 | Burnt chrome - Magnesite refractories for general purposes - Specification First Revision |
| 33 | IS 4812:1996 Reviewed In : 2022 | Silica refractories for coke oven - Specification Second Revision |
| 34 | IS 4813:1980 Reviewed In : 2022 | Specification for chemically - Bonded chrome - Magnesitb refractories for general purposes First Revision |
| 35 | IS 4814:1980 Reviewed In : 2022 | Specification for chemically - Bonded magnesite - Chrome refractories for general purposes - First Revision |
| 36 | IS 483:1972 Reviewed In : 2022 | Specification for fireclay refractories for oil - Fired boiler furnaces of naval ships First Revision |
| 37 | IS 484:1980 Reviewed In : 2022 | Specification for silica refractories for general purposes Second Revision |
| 38 | IS 6:1983 Reviewed In : 2025 | Moderate Heat Duty Fireclay Refractories Group A |
| 39 | IS 7199:2008 Reviewed In : 2024 | Blast furnace stove refractories - Specification First Revision |
| 40 | IS 8:1994 Reviewed In : 2022 | High heat duty fireclay refractories - Specification Fgth Revision |
| 41 | IS 8953:2006 Reviewed In : 2022 | 62 percent alumina bricks and blocks for blast furnace - Specification First Revision |
| 42 | IS 9010:1978 Reviewed In : 2022 | Specifictagn for super heat duty fireclay refractories |
| 43 | IS 9930:2005 Reviewed In : 2025 | Zircon refractories for glass furnace applications - Specification First Revision |