BUREAU OF INDIAN STANDARDS

Program of Work

MTD 14 : Foundry and Steel Castings Sectional Committee

Scope: Standardization in the field of foundry materials, foundry practices and steel castings.

Liaison: **ISO TC-17 SC-11 (P):** *Steel castings* **ISO TC-306 (O):** *Foundry machinery* **ISO TC-17 SC-11 (P):** *Steel castings* **ISO TC-306 (O):** *Foundry machinery*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10032:2013	Organic no bake (Self Setting) binders for use in foundries - Specification (First Revision)	October, 2022	-	Indigenous
2	IS 10033:1992	Zircon and graphite based core and mould washes - Specification (First Revision)	March, 2024	-	Indigenous
3	IS 10034:1981	Basic requirements for equipment for determining moisture content in foundry sand	February, 2024	-	Indigenous
4	IS 10091:1981	Specification for iron oxide powder for use in foundries	March, 2024	-	Indigenous
5	IS 10094:1998	Pattern making by using expanded polystyrene material - Code of practice (First Revision)	February, 2022	-	Indigenous
6	IS 10214:1982	Methods of sampling bentonite	February, 2024	-	Indigenous
7	IS 1030:1998 ISO 14747	Carbon steel castings for general engineering purposes - Specification (Fifth Revision)	January, 2022	-	Not Equivalent
8	IS 10343:1999	Carbon and low alloy steel investment castings for general applications - Specification (Second Revision)	February, 2022	-	Indigenous
9	IS 10469:1983	Specification for antipiping compound for foundry	February, 2022	-	Indigenous
10	IS 10487:1983	Specification for sand rammer	March, 2022	-	Indigenous
11	IS 10498:1983	Specification for apparatus for determining permeability of foundry sands	February, 2024	-	Indigenous
12	IS 10504:1983	Specification for exothermic feeding aid for foundry	March, 2022	-	Indigenous
13	IS 10518:1983	Specification for snap flask moulding boxes and jackets	March, 2024	-	Indigenous
14	IS 10724:2023	ACCEPTANCE STANDARDS FOR MAGNETIC PARTICLE INSPECTION OF STEEL CASTINGS - SPECIFICATION		-	Indigenous

15	IS 10774:1993	Corrosion resistant high alloy steel and nickel base investment castings for general application - Specification (First Revision)	March, 2022	1	Indigenous
16	IS 10979:1984 Reaffirmed but not taken up for revision	Specification for powder resin for use in shell process in foundries	February, 2019	-	Indigenous
17	IS 11099:1984	Specification for universal sand testing machines	March, 2022	1	Indigenous
18	IS 11166:1993	Permissible deviation on dimensions, surface roughness and mass of steel castings made with investment casting process (First Revision)	March, 2022	-	Indigenous
19	IS 11266:1985	Specification for flake resins for use in shell process in foundries	March, 2024	-	Indigenous
20	IS 11286:2024	Corrosion Resistant High Alloy Steel, Nickel Base and Cobalt Base Investment Castings for Severe Applications â€" Specification (Second Revision)		-	Indigenous
21	IS 11321:1985 Decision taken to Reaffirm and Archive	Specification for graphite for graphite crucibles	June, 2023	-	Indigenous
22	IS 11709:2007 ISO 16468	Technical delivery conditions for investment castings of steel (Second Revision)	March, 2022	-	Not Equivalent
23	IS 11732:1995 ISO 4987	Acceptance standards for liquid penetrant inspection of steel casting (First Revision)	March, 2022	-	Not Equivalent
24	IS 11758:1994	Precipitation hardening stainless steel castings - Specification (First Revision)	March, 2022	1	Indigenous
25	IS 12006:1987	Specification for metal pattern and epoxy resin pattern equipments for foundries	March, 2024	-	Indigenous
26	IS 12117:2023	NORMS FOR CLASSIFICATIONOF STEEL FOUNDRIES FOR QUALITY ASSURANCE (Second Revision)		-	Indigenous
27	IS 12272:1987	Specification for divided blast cupola furnace	March, 2022	-	Indigenous
28	IS 12424:1988	Specification for hot box resin for use in foundries	March, 2024	-	Indigenous
29	IS 12446:2007	Bentonite for use in foundries - Specification (First Revision)	March, 2022	-	Indigenous
30	IS 12799:1989	Foundry - Impregnation of castings - Recommended practice	March, 2022	-	Indigenous
31	IS 1280:1975	Specification for foundry moulding boxes of steel construction (Second Revision)	March, 2024	-	Indigenous
32	IS 12880:1989	Guidelines for controlling foundry rejection	March, 2022	-	Indigenous
33	IS 12938:1990 ISO 4993	Acceptance standards for radiographic inspection of steel	March, 2022	-	Not Equivalent

		castings			
34	IS 12968:1991	Steel castings for crankshafts for marine engines - Specification	March, 2022	1	Indigenous
35	IS 1305:1984	Specification for graphite for use in foundry coatings (Third Revision)	January, 2022	2	Indigenous
36	IS 13100:2026	Pitch Powder for Use in Cast Iron Foundry (First Revision)		-	Indigenous
37	IS 13100:1991	Pitch powder for use in cast iron foundry	March, 2024	-	Indigenous
38	IS 13126:1991 Reaffirmed but not taken up for revision	Silicon carbide chills - Specification	February, 2019	-	Indigenous
39	IS 13173:1991	Code of practice for clay bonded graphite crucibles and carbon bonded silicon carbide crucibles - Handling and usage	March, 2022	-	Indigenous
40	IS 13505:1992	Centrifugally cast high alloy steel and nickel base tubing for pressure application at high temperature - Specification	March, 2022	-	Indigenous
41	IS 1513:2024	WOODEN PATTERN EQUIPMENT FOR FOUNDRIES - SPECIFICATION - (Third Revision)		-	Indigenous
42	IS 15865:2009	Exothermic and insulating sleeves for use in foundries - Specification	March, 2021	-	Indigenous
43	IS 16295:2015	Polyurethane cold box binder for use in foundries - Specification	March, 2021	-	Indigenous
44	IS 1748:1981 Decision taken to Reaffirm and Archive	Sizes of graphite crucibles (First Revision)	June, 2023	-	Indigenous
45	IS 1752:2023	Coal Dust for Use in Cast Iron Foundry ï¿½ Specification (Third Revision)		-	Indigenous
46	IS 1811:1984	Methods of sampling foundry sand (First Revision)	January, 2022	-	Indigenous
47	IS 1918:1966	Methods of physical tests for foundry sands	January, 2022	1	Indigenous
48	IS 1918:2026	Methods of physical tests for foundry sands (First Revision)		-	Indigenous
49	IS 19773:2026	High chrome grinding media ball for cement mills - Specification		-	
50	IS 1987:2002	High silica sand for use in foundries - Specification (Second Revision)	March, 2024	1	Indigenous
51	IS 2644:1994 ISO 9477	High strength steel castings for general engineering and structural purposes - Specification (Fourth Revision)	January, 2022	-	Not Equivalent
52	IS 2707:1996	Carbon steel castings for surface hardening - Specification (Fourth Revision)	March, 2024	-	Indigenous
53	IS 2708:1993	1.5 percent manganese steel castings for general engineering	January, 2022	-	Indigenous

		purposes - Specification (Third Revision)			
54	IS 276:2000	Austenitic - Manganese steel castings - Specification (First Revision)	January, 2022	-	Indigenous
55	IS 2763:1999	Glossary of terms relating to foundry technology (First Revision)	March, 2024	-	Indigenous
56	IS 2856:1999	Carbon steel castings for pressure containing parts suitable for fusion welding - Specification (Fourth Revision)	January, 2022	-	Indigenous
57	IS 2985:1990	Steel Castings for Ship's Structure	January, 2022	-	Indigenous
58	IS 2986:1990	Steel castings for marine engines and boilers - Specifcication (Second Revision)	January, 2022	1	Indigenous
59	IS 3018:2026	Standard silica sand for raw material testing in foundries - Specification (first revision)		-	Indigenous
60	IS 3038:2006	Martensitic stainless steel and alloy steel castings for pressure containing parts suitable for high temperature service - Specification (Fourth Revision)	January, 2022	-	Indigenous
61	IS 3339:2024	Silica Flour for Use in Foundries â€" Specification (Second Revision)		-	Indigenous
62	IS 3343:1965	Specification for natural moulding sand for use in foundries	March, 2024	-	Indigenous
63	IS 3343:2026	Natural Moulding Sand for Use in Foundries - Specification (First Revision)		-	Indigenous
64	IS 3444:1999 ISO 11972	Corrosion resistant high alloy steel and nickel base castings for general applications - Specification (Third Revision)	March, 2024	-	Not Equivalent
65	IS 4269:1981	Specification for dextrin for use in foundries (First Revision)	March, 2024	-	Indigenous
66	IS 4475 (Part 1):1986	Specification for crane - Suspended ladles for foundries: Part 1 straight/taper sided geared ladles 0.25 to 10 tonnes for iron and steel foundries (Second Revision)	March, 2024	-	Indigenous
67	IS 4475 (Part 2):1986	Specification for crane - Suspended ladles for foundries: Part 2 cylindrical geared ladles 0.25 to 3 - O tonnes for iron foundries (Second Revision)	March, 2024	-	Indigenous
68	IS 4475 (Part 3):1989	Foundry - Crane suspended ladlesspecification: Part 3 straight/taper sided ladles 0.25 to 3.0 tonnes for S. G. iron foundries (Second Revision)	March, 2024	-	Indigenous
69	IS 4475 (Part 4):1988	Specification for crane suspended ladles for iron and steel foundries: Part 4 taper sided non - Geared ladles - 15 to 50 tonnes capacities	March, 2024	-	Indigenous

		for iron and steel foundries (Second Revision)			
70	IS 4491:1994	Steel castings of high magnetic permeability - Specification (Third Revision)	January, 2022	-	Indigenous
71	IS 4522:1986 ISO 11973	Specification for heat resistant alloy steel and nickel base castings (Second Revision)	January, 2022	1	Not Equivalent
72	IS 4604:1975	Specification for pattern plates for machine moulding boxes (First Revision)	March, 2024	-	Indigenous
73	IS 4606:1983	Specification for steel shots for use in foundries (First Revision)	March, 2024	1	Indigenous
74	IS 4683:1968	Specification for chilled iron shot and grit for use in foundries	March, 2024	-	Indigenous
75	IS 4843:2024	Ferrous Casting - Code for Designation (First Revision)		-	Indigenous
76	IS 4896:1992	One percent chromium steel castings for resistance to abrasion - Specification (Second Revision)	March, 2024	-	Indigenous
77	IS 4897:1994	Deviations on untoleranced dimensions and mass of steel castings (Third Revision)	January, 2022	-	Indigenous
78	IS 4898:1989	Steel castings for case carburizing - Specification (Second Revision)	January, 2022	1	Indigenous
79	IS 4899:2006	Ferritic and martensitic steel castings for use at low temperature - Specification (Third Revision)	January, 2022	-	Indigenous
80	IS 4981:1984	Specification for guide pins for foundry pattern plates (Second Revision)	February, 2022	1	Indigenous
81	IS 4982:1984	Specification for closing pins for foundry moulding boxes (Second Revision)	March, 2024	1	Indigenous
82	IS 5032:1983	Recommended sizes off cupola furnace for foundry (Second Revision)	February, 2022	-	Indigenous
83	IS 5303:2024	Zircon Flour for Use in Foundries â€" Specification (Second Revision)		-	Indigenous
84	IS 5824:2023	Lancets for Use in Foundries ï¿½ Specification (First Revision)		-	Indigenous
85	IS 5841:2023	Fluted Core Cleaners for Use in Foundries ï¿½ Specification		-	Indigenous
86	IS 5850:2023	STAR (TRIANGULAR) CUTTERS FOR USE IN FOUNDRIES ï¿½ SPECIFICATION (First Revision)		-	Indigenous
87	IS 5873:1970	Specification for steel cut - Wire shots for use in foundries	March, 2024	-	Indigenous
88	IS 5904:1978	Specification for steel chaplets for use in ferrous foundries (First Revision)	March, 2024	-	Indigenous
89	IS 5981:1986 Reaffirmed but not taken up for revision	Specification for sleekers for use in foundries (First Revision)	February, 2019	-	Indigenous
90	IS 5988:2023	Specification for Spring Dowel		-	Not Equivalent

	ISO 8752: 2009 and ISO 13337: 2009	Sleeves (Light and Heavy Pattern) for use in Foundries (First Revision)			
91	IS 6013:2023	Trowels for Use in Foundries ï¿½ Specification(First Revision)		-	Indigenous
92	IS 6079:1989	Low alloy cast steel grinding media - Specification (Second Revision)	February, 2022	1	Indigenous
93	IS 6366:2024	Sprue Plugs for Use in Foundries â€" Specification (First Revision)		-	Indigenous
94	IS 6376:1986	Specification for pattern lifting pins and hooks for use in foundries (First Revision)	March, 2024	-	Indigenous
95	IS 6377:1971	Specification for mallets for use in foundries	March, 2024	-	Indigenous
96	IS 6378:1986	Specification for pattern lifting and rapping plates (First Revision)	March, 2024	-	Indigenous
97	IS 6401:1986	Specification for dowel pins for use in foundries (First Revision)	March, 2024	-	Indigenous
98	IS 6443:1971	Specification for lifters and cleaners for use in foundries	February, 2022	-	Indigenous
99	IS 6447:1986	Specification for vent wires for use in foundries (First Revision)	March, 2024	-	Indigenous
100	IS 6482:2023	Tampers and rammers for use in foundries -Specification		-	Indigenous
101	IS 6601:1987	Permissible deviations in chemical composition for product analysis of steel castings (First Revision)	February, 2022	-	Indigenous
102	IS 6773:2008	Sodium silicate for use in foundries - Specification (Second Revision)	March, 2021	-	Indigenous
103	IS 6788:2023	Chromite Sand for Use in Foundries ï¿½ Specification (First Revision)		-	Indigenous
104	IS 6907:1992	Steel castings - Mcethods of sampling (First Revision)	March, 2024	-	Indigenous
105	IS 6907:2026	Steel castings - Methods of sampling (Second Revision)		-	Indigenous
106	IS 7297:1974	Specification for olivine sand and flour for use in steel foundries	March, 2024	-	Indigenous
107	IS 7297:2026	Olivine Sand and Flour for Use in Steel Foundries Specification (First Revision)		-	Indigenous
108	IS 7547:1987	Specification for steel nails used as internal chills in steel castings (First Revision)	March, 2024	-	Indigenous
109	IS 7806:1993	Martensitic steel and austenitic high alloy steel castings for high temperature corrosion services - Specification (Second Revision)	February, 2022	-	Indigenous
110	IS 7899:2006 ISO 4991	Alloy steel castings suitable for pressure service - Specification (Third Revision)	February, 2022	-	Not Equivalent
111	IS 8092:1992	Code for inspection of surface quality of steel castings for valves, fittings and other piping compone - Nuts (Visual Method) (First Revision)	February, 2022	-	Indigenous
112	IS 8228:2024	Bauxite Sand â€" Specification (First Revision)		-	Indigenous
113	IS 8246:1976	Specification for liquid resins for	March, 2024	-	Indigenous

	Reaffirmed but not taken up for revision	use in shell process in foundries			
114	IS 8250:1988	Specification for foundry parting agents (First Revision)	March, 2024	1	Indigenous
115	IS 8779:1978	Specification for core gums (Sodium Silicate Based) for use in foundries	March, 2024	-	Indigenous
116	IS 8785:1978 Reaffirmed but not taken up for revision	Specification for Co2 core binder system (Binder And Break - Down Agent) for use in foundries	March, 2024	-	Indigenous
117	IS 8800:2023 ISO 4990	TECHNICAL DELIVERY CONDITIONS FOR STEEL CASTINGS EXCLUDING INVESTMENT CASTINGS		-	Not Equivalent
118	IS 8939:1978	Code of practice for use of oxygen in iron, steel and non - Ferrous metal foundries	March, 2024	-	Indigenous
119	IS 8988:1978	Specification for bauxite powder for foundry washes	March, 2024	-	Indigenous
120	IS 9007:2023 SFSA Designation: 11-72	Zircon Sand for Use in Foundries-Specification (First Revision)		-	Not Equivalent
121	IS 9008:1978 Reaffirmed but not taken up for revision	Specification for core repairing paste for use in foundries	March, 2024	-	Indigenous
122	IS 9008:2026	Core Repairing Paste for Use in Foundries — Specification (First Revision)		-	Indigenous
123	IS 9009:1992	Foundry core oils - Specification (First Revision)	February, 2022	1	Indigenous
124	IS 9139:2023	MALLEABLE IRON SHOTS AND GRITS FOR USE IN FOUNDRIES ï¿½ SPECIFICATION		-	Indigenous
125	IS 9541:1987 Reaffirmed but not taken up for revision	Specification for cast CTC segments (First Revision)	March, 2024	-	Indigenous
126	IS 9565:2023 ISO 4992-1&2	ACCEPTANCE STANDARDS FOR ULTRASONIC INSPECTION OF STEEL CASTINGS-SPECIFICATION		-	Not Equivalent
127	IS 9661:1980	Specification for hand shank ladles	March, 2024	-	Indigenous
128	IS 9674:1980	Test methods for fluid self hardening sands	March, 2024	1	Indigenous
129	IS 9929:1981	Method for determining life of graphite crucibles	March, 2022	-	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
1	MTD 14 (15311)	Specification for malleable iron shots and grits for use in foundries Amendment - 2
2	MTD 14 (19521) Revision of: IS 5988:1970	Specification for Spring Dowel Sleeves Light and Heavy Pattern for use in Foundries First Revision
3	MTD 14 (20144)	High silica sand for use in foundries - Specification Second Revision Amendment - 1
4	MTD 14 (20769) Revision of: IS 9007:1978	Zircon Sand for Use in Foundries- Specification First Revision
5	MTD 14 (20853) Revision of: IS 5850:1970	STAR TRIANGULAR CUTTERS FOR USE IN FOUNDRIES SPECIFICATION First Revision
6	MTD 14 (20863) Revision of: IS 1752:1973	Coal Dust for Use in Cast Iron Foundry Specification Third Revision
7	MTD 14 (20976) Revision of: IS 6013:1970	Trowels for Use in Foundries Specification First Revision
8	MTD 14 (20978) Revision of: IS 1513:1980	WOODEN PATTERN EQUIPMENT FOR FOUNDRIES - SPECIFICATION - Third Revision
9	MTD 14 (20980) Revision of: IS 6482:1971	Tampers and rammers for use in foundries -Specification
10	MTD 14 (20981) Revision of: IS 9139:1979	MALLEABLE IRON SHOTS AND GRITS FOR USE IN FOUNDRIES SPECIFICATION
11	MTD 14 (20983) Revision of: IS 6366:1971	Specification for sprue plugs for use in foundries
12	MTD 14 (20986) Revision of: IS 4843:1968	Ferrous Casting Code for Designation First Revision
13	MTD 14 (20987) Revision of: IS 5303:1974	Zircon flour for use in foundries - Specification Second Revision
14	MTD 14 (20988) Revision of: IS 5841:1970	Fluted Core Cleaners for Use in Foundries Specification
15	MTD 14 (20993) Revision of: IS 6788:1973	Chromite Sand for Use in Foundries Specification First Revision
16	MTD 14 (20997) Revision of: IS 5824:1970	Lancets for Use in Foundries Specification First Revision

17	MTD 14 (21893) Revision of: IS 10724:1990	ACCEPTANCE STANDARDS FOR MAGNETIC PARTICLE INSPECTION OF STEEL CASTINGS - SPECIFICATION
18	MTD 14 (21894) Revision of: IS 9565:1995	ACCEPTANCE STANDARDS FOR ULTRASONIC INSPECTION OF STEEL CASTINGS-SPECIFICATION
19	MTD 14 (21905) Revision of: IS 12117:1996	NORMS FOR CLASSIFICATIONOF STEEL FOUNDRIES FOR QUALITY ASSURANCE Second Revision
20	MTD 14 (21906) Revision of: IS 8800:1997	TECHNICAL DELIVERY CONDITIONS FOR STEEL CASTINGS EXCLUDING INVESTMENT CASTINGS
21	MTD 14 (21999) Revision of: IS 3339:1975	SILICA FLOUR FOR USE IN FOUNDRIES - SPECIFICATION Second Revision
22	MTD 14 (22414) Revision of: IS 11286:1995	CORROSION RESISTANT HIGH ALLOY STEEL NICKEL BASE AND COBALT BASE INVESTMENT CASTINGS FOR SEVERE APPLICATIONS SPECIFICATION
23	MTD 14 (22749) Revision of: IS 8228:1976	BAUXITE SAND - SPECIFICATION First Revision
24	MTD 14 (22884) Revision of: IS 3018:1977	Standard silica sand for raw material testing in foundries - Specification first revision
25	MTD 14 (23726)	High chrome grinding media ball for cement mills - Specification
26	MTD 14 (33738)	Pitch Powder for Use in Cast Iron Foundry First Revision
27	MTD 14 (33739)	Steel castings - Methods of sampling Second Revision
28	MTD 14 (33741)	Core Repairing Paste for Use in Foundries Specification First Revision
29	MTD 14 (33742)	Hand Shank Ladles Specification First Revision
30	MTD 14 (33757)	Olivine Sand and Flour for Use in Steel Foundries Specification First Revision
31	MTD 14 (34246)	Methods of physical tests for foundry sands First Revision
32	MTD 14 (34247)	Natural Moulding Sand for Use in Foundries - Specification First Revision
33	MTD 14 (34249)	Corrosion resistant high alloy steel and nickel base castings for general applications Specification Fourth Revision
34	MTD 14 (34269)	One percent chromium steel castings for resistance to abrasion - Specification Second Revision
35	MTD 14 (34414)	Austenitic-Manganese Steel Castings Specification Sixth Revision
36	MTD 14 (34422)	Use of oxygen in iron steel and non-ferrous metal foundries Code of practice First Revision

Total Published Standards:123 Total Standards Under development:42

Aspect Wise Report

Product : 96
Code of Practices : 16
Methods of Test : 3
Terminology : 1
Dimensions : 4
System Standard : 0
Safety Standard : 0
Others : 2
Service Specification : 0
Process Specification : 0
Unclassified : 1

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 10343 (Part 1):1982	Specification For Carbon and Low Alloy Steel Investment Casting for General Applications
2	IS 3021:1975	Bentonite for use in foundries
3	IS 3666:1966	Tests for foundry core oils
4	IS 4140:1978	Demolition of buildings - Code of safety Second Revision
5	IS 4476:1975	Crane-suspended hand-operated geared ladles for steel foundries

6	IS 7295:1974	Specification for chamotte

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 10032:2013	Organic no bake Self Setting binders for use in foundries - Specification First Revision
2	IS 10033:1992	Zircon and graphite based core and mould washes - Specification First Revision
3	IS 10091:1981	Specification for iron oxide powder for use in foundries
4	IS 1030:1998 ISO 14747	Carbon steel castings for general engineering purposes - Specification Fifth Revision
5	IS 10343:1999	Carbon and low alloy steel investment castings for general applications - Specification Second Revision
6	IS 10469:1983	Specification for antipiping compound for foundry
7	IS 10487:1983	Specification for sand rammer
8	IS 10498:1983	Specification for apparatus for determining permeability of foundry sands
9	IS 10504:1983	Specification for exothermic feeding aid for foundry
10	IS 10518:1983	Specification for snap flask moulding boxes and jackets
11	IS 10979:1984 Reaffirmed but not taken up for revision	Specification for powder resin for use in shell process in foundries
12	IS 11099:1984	Specification for universal sand testing machines
13	IS 11266:1985	Specification for flake resins for use in shell process in foundries
14	IS 11286:2024	Corrosion Resistant High Alloy Steel Nickel Base and Cobalt Base Investment Castings for Severe Applications Specification Second Revision
15	IS 11321:1985 Decision taken to Reaffirm and Archive	Specification for graphite for graphite crucibles
16	IS 11758:1994	Precipitation hardening stainless steel castings - Specification First Revision
17	IS 12006:1987	Specification for metal pattern and epoxy resin pattern equipments for foundries
18	IS 12272:1987	Specification for divided blast cupola furnace
19	IS 12424:1988	Specification for hot box resin for use in foundries
20	IS 12446:2007	Bentonite for use in foundries - Specification First Revision
21	IS 1280:1975	Specification for foundry moulding boxes of steel construction Second Revision
22	IS 12968:1991	Steel castings for crankshafts for marine engines - Specification
23	IS 1305:1984	Specification for graphite for use in foundry coatings Third Revision
24	IS 13100:2026	Pitch Powder for Use in Cast Iron Foundry First Revision

25	IS 13126:1991 Reaffirmed but not taken up for revision	Silicon carbide chills - Specification
26	IS 13505:1992	Centrifugally cast high alloy steel and nickel base tubing for pressure application at high temperature - Specification
27	IS 1513:2024	WOODEN PATTERN EQUIPMENT FOR FOUNDRIES - SPECIFICATION - Third Revision
28	IS 15865:2009	Exothermic and insulating sleeves for use in foundries - Specification
29	IS 16295:2015	Polyurethane cold box binder for use in foundries - Specification
30	IS 1752:2023	Coal Dust for Use in Cast Iron Foundry Specification Third Revision
31	IS 1987:2002	High silica sand for use in foundries - Specification Second Revision
32	IS 2644:1994 ISO 9477	High strength steel castings for general engineering and structural purposes - Specification Fourth Revision
33	IS 2707:1996	Carbon steel castings for surface hardening - Specification Fourth Revision
34	IS 2708:1993	1 5 percent manganese steel castings for general engineering purposes - Specification Third Revision
35	IS 276:2000	Austenitic - Manganese steel castings - Specification First Revision
36	IS 2856:1999	Carbon steel castings for pressure containing parts suitable for fusion welding - Specification Fourth Revision
37	IS 2985:1990	Steel Castings for Ship s Structure
38	IS 2986:1990	Steel castings for marine engines and boilers - Specifcication Second Revision
39	IS 3018:2026	Standard silica sand for raw material testing in foundries - Specification first revision
40	IS 3038:2006	Martensitic stainless steel and alloy steel castings for pressure containing parts suitable for high temperature service - Specification Fourth Revision
41	IS 3339:2024	Silica Flour for Use in Foundries Specification Second Revision
42	IS 3343:2026	Natural Moulding Sand for Use in Foundries - Specification First Revision
43	IS 3444:1999 ISO 11972	Corrosion resistant high alloy steel and nickel base castings for general applications - Specification Third Revision
44	IS 4269:1981	Specification for dextrin for use in foundries First Revision
45	IS 4475 (Part 4):1988	Specification for crane suspended ladles for iron and steel foundries Part 4 taper sided non - Geared ladles - 15 to 50 tonnes capacities for iron and steel foundries Second Revision
46	IS 4475 (Part 1):1986	Specification for crane - Suspended ladles for foundries Part 1 straight taper sided geared ladles 0 25 to 10 tonnes for iron and steel foundries Second Revision
47	IS 4475 (Part 2):1986	Specification for crane - Suspended ladles for foundries Part 2 cylindrical geared ladles 0 25 to 3 - O tonnes for iron foundries Second Revision
48	IS 4475 (Part 3):1989	Foundry - Crane suspended ladlesspecification Part 3 straight taper sided ladles 0 25 to 3 0 tonnes for S G iron foundries Second Revision
49	IS 4491:1994	Steel castings of high magnetic permeability - Specification Third Revision
50	IS 4522:1986 ISO 11973	Specification for heat resistant alloy steel and nickel base castings Second Revision
51	IS 4604:1975	Specification for pattern plates for machine moulding boxes First Revision
52	IS 4606:1983	Specification for steel shots for use in foundries First Revision
53	IS 4683:1968	Specification for chilled iron shot and grit for use in foundries

54	IS 4896:1992	One percent chromium steel castings for resistance to abrasion - Specification Second Revision
55	IS 4898:1989	Steel castings for case carburizing - Specification Second Revision
56	IS 4899:2006	Ferritic and martensitic steel castings for use at low temperature - Specification Third Revision
57	IS 4981:1984	Specification for guide pins for foundry pattern plates Second Revision
58	IS 4982:1984	Specification for closing pins for foundry moulding boxes Second Revision
59	IS 5032:1983	Recommended sizes off cupola furnace for foundry Second Revision
60	IS 5303:2024	Zircon Flour for Use in Foundries Specification Second Revision
61	IS 5824:2023	Lancets for Use in Foundries Specification First Revision
62	IS 5841:2023	Fluted Core Cleaners for Use in Foundries Specification
63	IS 5850:2023	STAR TRIANGULAR CUTTERS FOR USE IN FOUNDRIES SPECIFICATION First Revision
64	IS 5873:1970	Specification for steel cut - Wire shots for use in foundries
65	IS 5904:1978	Specification for steel chaplets for use in ferrous foundries First Revision
66	IS 5981:1986 Reaffirmed but not taken up for revision	Specification for sleekers for use in foundries First Revision
67	IS 5988:2023	Specification for Spring Dowel Sleeves Light and Heavy Pattern for use in Foundries First Revision
68	IS 6013:2023	Trowels for Use in Foundries Specification First Revision
69	IS 6079:1989	Low alloy cast steel grinding media - Specification Second Revision
70	IS 6366:2024	Sprue Plugs for Use in Foundries Specification First Revision
71	IS 6376:1986	Specification for pattern lifting pins and hooks for use in foundries First Revision
72	IS 6377:1971	Specification for mallets for use in foundries
73	IS 6378:1986	Specification for pattern lifting and rapping plates First Revision
74	IS 6401:1986	Specification for dowel pins for use in foundries First Revision
75	IS 6443:1971	Specification for lifters and cleaners for use in foundries
76	IS 6447:1986	Specification for vent wires for use in foundries First Revision
77	IS 6482:2023	Tampers and rammers for use in foundries -Specification
78	IS 6773:2008	Sodium silicate for use in foundries - Specification Second Revision
79	IS 6788:2023	Chromite Sand for Use in Foundries Specification First Revision
80	IS 7297:2026	Olivine Sand and Flour for Use in Steel Foundries Specification First Revision
81	IS 7547:1987	Specification for steel nails used as internal chills in steel castings First Revision

82	IS 7806:1993	Martensitic steel and austenitic high alloy steel castings for high temperature corrosion services - Specification Second Revision
83	IS 7899:2006 ISO 4991	Alloy steel castings suitable for pressure service - Specification Third Revision
84	IS 8228:2024	Bauxite Sand Specification First Revision
85	IS 8246:1976 Reaffirmed but not taken up for revision	Specification for liquid resins for use in shell process in foundries
86	IS 8250:1988	Specification for foundry parting agents First Revision
87	IS 8779:1978	Specification for core gums Sodium Silicate Based for use in foundries
88	IS 8785:1978 Reaffirmed but not taken up for revision	Specification for Co2 core binder system Binder And Break - Down Agent for use in foundries
89	IS 8800:2023	TECHNICAL DELIVERY CONDITIONS FOR STEEL CASTINGS EXCLUDING INVESTMENT CASTINGS
90	IS 8988:1978	Specification for bauxite powder for foundry washes
91	IS 9007:2023	Zircon Sand for Use in Foundries- Specification First Revision
92	IS 9008:2026	Core Repairing Paste for Use in Foundries Specification First Revision
93	IS 9009:1992	Foundry core oils - Specification First Revision
94	IS 9139:2023	MALLEABLE IRON SHOTS AND GRITS FOR USE IN FOUNDRIES SPECIFICATION
95	IS 9541:1987 Reaffirmed but not taken up for revision	Specification for cast CTC segments First Revision
96	IS 9661:1980	Specification for hand shank ladles