

BUREAU OF INDIAN STANDARDS

Program of Work

MTD 16 : Alloy Steels and Forging Sectional Committee

Scope: Standardization in the field of alloy & special steels and forging, including classification, designation and coding of related steels

Liaison: **ISO TC-17 SC-04 (P): Heat treatable and alloy steels ISO TC-17 SC-11 (P): Steel castings ISO TC-17 SC-04 (P): Heat treatable and alloy steels ISO TC-17 SC-11 (P): Steel castings**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10604 (Part 1):1983 <i>Reviewed In : 2023</i>	Specification for machining allowances and tolerances for open die steel forgings: Part 1 carbon and low alloy steel forgings: Part 1 carbon and low alloy steel forgings	March, 2023	-	Indigenous
2	IS 10604 (Part 2):1983 <i>Reviewed In : 2023</i>	Machining allowances and tolerances for open die steel forgings: Part 2 high alloy steel forgings	March, 2023	-	Indigenous
3	IS 10631:1983 <i>Reviewed In : 2024</i>	Specification for stainless steel for welding electrode core wire	April, 2024	1	Indigenous
4	IS 10632 (Part 1):1983 <i>Reviewed In : 2024</i>	Specification for non magnetic stainless steels for electrical applications: Part 1 general requirements	April, 2024	1	Indigenous
5	IS 10632 (Part 2):1983 <i>Reviewed In : 2024</i>	Specification for non magnetic stainless steels for electrical applications: Part 2 specific requirements for binding wires	April, 2024	1	Indigenous
6	IS 10632 (Part 3):1983 <i>Reviewed In : 2024</i>	Specification for non magnetic stainless steels for electrical applications: Part 3 specific requirements for sheets, strips and plates	April, 2024	1	Indigenous
7	IS 11169 (Part 1):2022 <i>4954:2018</i>	Specification for steels for cold heading/cold extrusion applications: Part 1 wrought carbon and low alloy steels		1	Not Equivalent
8	IS 11169 (Part 2):2023 <i>ISO 4954</i>	STEELS FOR COLD HEADING/COLD EXTRUSION APPLICATIONS part 2 stainless steels-SPECIFICATION (first revision)		-	Not Equivalent
9	IS 11185:1984 <i>Reviewed In : 2024</i>	Specification for technical supply conditions for hot rolled and	April, 2024	1	Indigenous

		forged steel bars for use in machine tool industry			
10	IS 11946:1987 Reviewed In : 2023	Specification for soft magnetic iron strips	March, 2023	2	Indigenous
11	IS 11947:1987 Reviewed In : 2023	Specification for soft magnetic iron rods, bars, flats and sections	March, 2023	1	Indigenous
12	IS 11952:1986 Reviewed In : 2024	Specification for steels for piston pins (Gudgeon Pins)	April, 2024	1	Indigenous
13	IS 12045:2025	ALLOYS USED IN ELECTRICAL RESISTANCE METALLIC HEATING ELEMENTS - SPECIFICATION (First Revision)		-	Indigenous
14	IS 12145:1987 Reviewed In : 2024	Specification for quenched and tempered alloy steel forgings for pressure vessels	April, 2024	1	Indigenous
15	IS 12146:1987 Reviewed In : 2023	Specification for carbon manganese steel forgings for pressure vessels	March, 2023	1	Indigenous
16	IS 12390:1988 Reviewed In : 2024	Specification for iron nickel alloy 36 for ceramic sealing	April, 2024	1	Indigenous
17	IS 12391:1988 Reviewed In : 2024	Specification for iron nickel controlled expansion sealing alloys	April, 2024	1	Indigenous
18	IS 12549:1988 Reviewed In : 2024	Specification for Iron-Nickel-Cobalt Sealing Alloy	April, 2024	1	Indigenous
19	IS 12658:2024	Grinding media rolledforged carbon and Carbon - Chromium steels - Specification First Revision		-	Indigenous
20	IS 12836:1989 Reviewed In : 2019	36 - Nickel iron soft magnetic rods - Specification	April, 2019	1	Indigenous
21	IS 12881:1990 Reviewed In : 2019	36 - Nickel iron soft magnetic strips - Specification	April, 2019	1	Indigenous
22	IS 12882:1990 Reviewed In : 2024	48 - Nickel iron soft magnetic strip - Specification	April, 2024	1	Indigenous
23	IS 13352:1992 Reviewed In : 2024	Stock for forgings produced from continuously cast blooms, billets and slabs - Specification	April, 2024	-	Indigenous
24	IS 13387:1992 Reviewed In : 2024	Tool steel forgings for metal forming - Specification	April, 2024	1	Indigenous
25	IS 13795 (Part 1):1993 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Glossary of terms relating to special alloys	April, 2024	-	Indigenous
26	IS 14331:1995 Reviewed In : 2023	Steels for high temperature bolting applications - Specification	March, 2023	1	Indigenous
27	IS 14652:1999 Reviewed In : 2023	18 percent nickel maraging steel bars and rods - Specification	March, 2023	1	Indigenous
28	IS 14698:1999 Reviewed In : 2023	Carbon and low alloy steel billets, blooms, slabs and bars for manufacture of shell bodies and proof shots used in defence services - Specification	March, 2023	-	Indigenous
29	IS 1570 (Part 1):1978 Reviewed In : 2024 Decision taken to Reaffirm and	Schedules for wrought steels: Part 1 steels specified by tensile and/or yield properties (First Revision)	April, 2024	1	Indigenous

	Archive				
30	IS 1570 (Part 2/Sec 1):1979 Reviewed In : 2021	Schedules for wrought steels: Part 2 carbon steels (Unalloyed Steels): Sec 1 wrought products (Other Than Wires) with specified chemical composition and related properties (First Revision)	March, 2021	-	Indigenous
31	IS 1570 (Part 2/Sec 2):1987 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Schedules for wrought steels: Part 2 carbon steels (Unalloyed Steels): Sec 2 carbon steel wires with related properties (First Revision)	April, 2024	-	Indigenous
32	IS 1570 (Part 3):1979 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Schedules for wrought steels: Part 3 carbon and carbon - Manganese free cutting steels (First Revision)	April, 2024	-	Indigenous
33	IS 1570 (Part 4):1988 Reviewed In : 2023	Schedules for wrought steels: Part 4 alloy steels (Alloy Constructional And Spring Steels) with specified chemical composition and mechanical properties (First Revision)	March, 2023	-	Indigenous
34	IS 1570 (Part 5):1985 Reviewed In : 2023	Schedules for wrought steels: Part 5 stainless and heat - Resisting steels (Second Revision)	March, 2023	-	Indigenous
35	IS 1570 (Part 6):1996 Reviewed In : 2023	Schedules for wrought steels: Part 6 carbon and alloy tool steels (First Revision)	March, 2023	-	Indigenous
36	IS 1570 (Part 7):1992 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Schedule for wrought steels: Part 7 steels for elevated temperature service (Creep Resistant Steels)	April, 2024	-	Indigenous
37	IS 15997:2012 Reviewed In : 2022	Low nickel austenitic stainless steel plate, sheet, and strip for utensils and kitchen appliances - Specification	October, 2022	3	Indigenous
38	IS 16733:2018 ISO 11692 : 1994 Reviewed In : 2024 ISO 11692:1994	Ferritic-Pearlitic Engineering Steels for Precipitation Hardening from Hot-Working Temperatures	March, 2024	-	Identical under dual numbering
39	IS 17111:2025 ISO 683-17:2023 ISO 683-17:2023	HEAT-TREATABLE STEELS, ALLOY STEELS AND FREE-CUTTING STEELS - BALL AND ROLLER BEARING STEELS (First Revision)		-	Identical under dual numbering
40	IS 1871 (Part 1):1987 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Commentary on indian standard schedules for wrought steels: Part 1 steels specified by tensile and/or yield properties [complementary to IS : 1579 (Part 1) - 19781] (First Revision)	April, 2024	-	Indigenous
41	IS 1871 (Part 2):1987 Reviewed In : 2024	Commentary on Indian Standard schedules for wrought steels: Part 2 carbon steels (Unalloyed Steels)	April, 2024	-	Indigenous

	Decision taken to Reaffirm and Archive	complementary to is : 1570 (Part 2) - 19791 (First Revision)			
42	IS 1871 (Part 3):1987 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Commentary on Indian Standard schedules for wrought steels: Part 3 carbon and carbon manganese free cutting steels [complementary to is : 1570 (Part 3) - 1979] (First Revision)	April, 2024	-	Indigenous
43	IS 18755:2024	Tri-ply SS-AL-SS material used for manufacture of utensils and kitchen appliances Specification		-	Indigenous
44	IS 1956 (Part 6):1976 Reviewed In : 2023	Glossary of terms relating to iron and steel: Part 6 forging (Including Drop Forging) (First Revision)	March, 2023	2	Indigenous
45	IS 2004:1991 Reviewed In : 2023	Carbon steel forgings for general engineering purposes - Specification (Third Revision)	March, 2023	-	Indigenous
46	IS 2611:1964 Reviewed In : 2023	Specification for carbon chromium molybdenum steel forgings for high temperature service	March, 2023	-	Indigenous
47	IS 3261:1980 Reviewed In : 2023	Specification for carbon steel forgings for shipbuilding industry (First Revision)	March, 2023	-	Indigenous
48	IS 3431:1982 Reviewed In : 2022	Specification for steel for the manufacture of volute helical and laminated springs for automotive suspension (Second Revision)	March, 2022	3	Indigenous
49	IS 3445:1992 Reviewed In : 2024	Forged steel rolls - Specification (First Revision)	April, 2024	1	Indigenous
50	IS 3469 (Part 13):1974 Reviewed In : 2023	Tolerances for closed die steel forgings (First Revision)	March, 2023	-	Indigenous
51	IS 3479:1966 Reviewed In : 2023	General requirements for steel drop, upset and press forgings	March, 2023	-	Indigenous
52	IS 3739:1987 Reviewed In : 2023	Dimensional tolerances for carbon and alloy constructional steel (First revision)	March, 2023	-	Indigenous
53	IS 3748:2022 4957:2018 4957:2018	Tool Steels - Specification		1	Identical under dual numbering
54	IS 3930:1994 Reviewed In : 2024	Flame and induction hardening steels - Specification (Second Revision)	April, 2024	-	Indigenous
55	IS 4367:1991 Reviewed In : 2024	Alloy steel forgings for general industrial use - Specification (First Revision)	April, 2024	2	Indigenous
56	IS 4398:1994 Reviewed In : 2024	Carbon - Chromium steel for the manufacture of balls, rollers and bearing races - Specification (Second Revision)	April, 2024	3	Indigenous
57	IS 4431:1978 Reviewed In : 2024 ISO 683-4	Specification for carbon and carbon manganese free cutting steels (First Revision)	April, 2024	2	Not Equivalent
58	IS 4432:1988 Reviewed In : 2024 ISO 683-3	Specification for case hardening steels (First Revision)	April, 2024	1	Not Equivalent
59	IS 4454 (Part 4):2001	Steel wires for mechanical springs: Part 4 stainless steel wire (Second	March, 2022	2	Not Equivalent

	Reviewed In : 2022 ISO 6931-1	Revision)			
60	IS 5517:1993 Reviewed In : 2024 ISO 683-1 & 2	Steels for hardening and tempering - Specification (Second Revision)	April, 2024	3	Not Equivalent
61	IS 5518:1996 Reviewed In : 2024	Steels for die blocks for drop forging - Specification (Second Revision)	April, 2024	-	Indigenous
62	IS 5522:2014 Reviewed In : 2024	Stainless steel sheets and strips for utensils - Specification (Third Revision)	April, 2024	3	Indigenous
63	IS 5651:1987 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for steels for pneumatic tools (First Revision)	April, 2024	1	Indigenous
64	IS 6528:2024 ISO 16143 (Part 3) : 2014	Stainless steel wire - Specification (Second Revision)		-	Not Equivalent
65	IS 6529:1996 Reviewed In : 2023	Stainless steel blooms, billets and slabs for forging - Specification (First Revision)	March, 2023	2	Indigenous
66	IS 6603:2024 ISO I6143-2	Stainless Steel Semi-Finished Products, Bars, Wire Rods and Bright Bars " Specification (Second Revision)		-	Not Equivalent
67	IS 6911:2026 ISO 9444-1 &2, 9445-1 &2,15510,	STAINLESS STEEL PLATE, SHEET AND STRIP - SPECIFICATION (Third revision)		-	Not Equivalent
68	IS 6911:2017 Reviewed In : 2022 ISO 9444-1 &2, 9445-1 &2,15510,	Stainless steel plate, sheet and strip - Specification (Second Revision)	March, 2022	5	Not Equivalent
69	IS 7494:2023 ISO 683-15:1992	ALLOYS FOR INTERNAL COMBUSTION ENGINE VALVE APPLICATIONS 1/2 SPECIFICATION (Second Revision)		-	Not Equivalent
70	IS 8748:2023	FORGED/ ROLLED CTC SEGMENTS -SPECIFICATION (First Revision)		-	Indigenous
71	IS 9100:1979 Reviewed In : 2023	Methods of sampling steel forgings	March, 2023	-	Indigenous
72	IS 9294:2023	COLD-ROLLED STAINLESS STEEL STRIPS FOR RAZOR BLADES - Specification (First Revision)		-	Indigenous
73	IS 9516:1980 Reviewed In : 2024 ISO 4955	Specification for heat resisting steels	April, 2024	2	Not Equivalent
74	IS 963:1958 Reviewed In : 2021	Specification for chrome molybdenum steel bars and rods for aircraft purposes	February, 2021	3	Indigenous
75	IS 9683:1980 Reviewed In : 2023	Specification for carbon and low alloy steel forgings for fired and unfired pressure vessels	March, 2023	-	Indigenous
76	IS 9684:2024	TECHNICAL CONDITIONS FOR THE SUPPLY OF THE HOT		-	Indigenous

	ROLLED BILLETS, BLOOMS, SLABS AND BARS FOR CLOSED DIE FORGINGS (First Revision)		
--	--	--	--

Standards under Development

Projects Approved

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

Preliminary Draft Standards

SI. No.	Doc No.	Title
1	MTD 16 (27719)	Alloys Steel Plates for Pressure Vessels Specification

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	MTD 16 (28070) Revision of: IS 12145:1987	Specification for quenched and tempered alloy steel forgings for pressure vessels
2	MTD 16 (28680) Revision of: IS 9294:2023	STAINLESS-STEEL PLATE SHEET AND STRIP FOR RAZOR BLADES SPECIFICATION
3	MTD 16 (28864) Revision of: IS 15997:2012	Low Nickel Austenitic Stainless Steel Plate Sheet and Strip for Utensils and Kitchen Appliances Specification
4	MTD 16 (33256)	Specification for carbon manganese steel forgings for pressure vessels
5	MTD 16 (33258)	Specification for soft magnetic iron strips
6	MTD 16 (33259)	Specification for steels for piston pins Gudgeon Pins
7	MTD 16 (33260)	Specification for carbon and carbon manganese free cutting steels First Revision
8	MTD 16 (33261)	Specification for carbon and low alloy steel forgings for fired and unfired pressure vessels

Draft Standards Completed WC Stage

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

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
1	MTD 16 (28151)	Stainless Steel Semi-Finished Products Bars Wire Rods and Bright Bars Specification Second Revision Amendment - 1
2	MTD 16 (33345)	Stainless steel wire - Specification Amendment 1

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	MTD 16 (10421)	Ferritic-pearlitic engineering steels for precipitation hardening from hot working temperatures
2	MTD 16 (10790) Revision of: IS 6911:2017	Stainless Steel Plate Sheet and Strip- Specification
3	MTD 16 (10954)	Steels for cold heading cold extrusion application Part 1 Wrought carbon and low alloy steels Amendment - 1
4	MTD 16 (11894)	Stainless steel plate sheet and strip - Specification Second Revision Amendment - 1
5	MTD 16 (12446)	Stainless steel plate sheet and strip - Specification Second Revision Amendment - 2
6	MTD 16 (13325)	HEAT TREATED STEELS ALLOY STEELS AND FREE CUTTING STEEL - BALL AND ROLLER BEARING STEELS
7	MTD 16 (14085)	Carbon Manganese Steel Forgings for Pressure Vessels Amendment - 1

8	MTD 16 (14086)	High Speed Tool Steels Amendment - 1
9	MTD 16 (14087)	Steel for valves for internal combustion engines Amendment - 1
10	MTD 16 (14090)	Tool and Die Steels Amendment - 3
11	MTD 16 (14092)	Steels for Hardening and Tempering Amendment - 3
12	MTD 16 (14793)	Steels For High Temperature Bolting Applications Amendment - 1
13	MTD 16 (14794)	Carbon-chromium Steel for the Manufacture of Balls Rollers and Bearing Races Amendment - 2
14	MTD 16 (15106)	Specification for steel for the manufacture of volute helical and laminated springs for automotive suspension Second Revision Amendment - 3
15	MTD 16 (15184)	Specification for chrome - molybdenum steel bars and rods for aircraft purpose
16	MTD 16 (15185)	Specification for carburizing steels for use in bearing industry First Revision Amendment - 3
17	MTD 16 (15186)	Steels for cold heading cold extrusion applications specification Part 2 stainless steels Amendment - 1
18	MTD 16 (15187)	Specification for alloys used in electrical resistance metallic heating elements Amendment - 1
19	MTD 16 (15188)	Specification for soft magnetic iron rods bars flats and sections Amendment - 1
20	MTD 16 (15191)	18 percent nickel maraging steel bars and rods - Specification Amendment - 1
21	MTD 16 (15192)	Specification for heat resisting steels Amendment - 2
22	MTD 16 (15193)	Specification for stainless steel for welding electrode core wire Amendment - 1
23	MTD 16 (15195)	Stainless steel blooms billets and slabs for forging - Specification First Revision Amendment - 1
24	MTD 16 (15196)	Specification for soft magnetic iron strips Amendment - 1
25	MTD 16 (15197)	Specification for non magnetic stainless steels for electrical applications Part 1 general requirements Amendment - 1
26	MTD 16 (15198)	Specification for non magnetic stainless steels for electrical applications Part 2 specific requirements for binding wires Amendment - 1
27	MTD 16 (15226)	Specification for steels for pneumatic tools First Revision Amendment - 1
28	MTD 16 (15227)	Specification for steels for piston pins Gudgeon Pins Amendment - 1
29	MTD 16 (15336)	Specification for non magnetic stainless steels for electrical applications Part 3 specific requirements for sheets strips and plates Amendment - 1
30	MTD 16 (15634) Revision of: IS 6528:1995	Stainless steel wire - Specification Second Revision
31	MTD 16 (15742) Revision of: IS 11169:1984	Specification for steels for cold heading cold extrusion applications Part 1 wrought carbon and low alloy steels
32	MTD 16 (16761)	Stainless steel plate sheet and strip - Specification Second Revision Amendment - 3
33	MTD 16 (16858)	Carbon - Chromium steel for the manufacture of balls rollers and bearing races - Specification Second Revision Amendment - 3
34	MTD 16 (17932)	Stainless steel sheets and strips for utensils - Specification Third Revision Amendment - 1
35	MTD 16 (19134) Revision of: IS 7494:1981	ALLOYS FOR INTERNAL COMBUSTION ENGINE VALVE APPLICATIONS SPECIFICATION Second Revision
36	MTD 16 (19495) Revision of: IS 3748:1990	Tool Steels - Specification
37	MTD 16 (20508)	Stainless steel bars and flats - Specification First Revision Amendment - 1
38	MTD 16 (20647) Revision of: IS 9294:1979	COLD-ROLLED STAINLESS STEEL STRIPS FOR RAZOR BLADES - Specification First Revision
39	MTD 16 (20936) Revision of: IS 11169:1989	STEELS FOR COLD HEADING COLD EXTRUSION APPLICATIONS part 2 stainless steels- SPECIFICATION first revision
40	MTD 16 (21044) Revision of: IS 8748:1978	FORGED ROLLED CTC SEGMENTS -SPECIFICATION First Revision
41	MTD 16 (21231)	Low nickel austenitic stainless steel sheet and strip for utensils and kitchen appliances - Specification Amendment - 1
42	MTD 16 (21972)	Steels for Cold Heading Cold Extrusion Applications Part 1 Wrought Carbon and Alloy Steels first revision
43	MTD 16 (22194)	Stainless steel plate sheet and strip - Specification Second Revision Amendment - 4
44	MTD 16 (22209) Revision of: IS 9684:1980	TECHNICAL CONDITIONS FOR THE SUPPLY OF THE HOT ROLLED BILLETS BLOOMS SLABS AND BARS FOR CLOSED DIE FORGINGS
45	MTD 16 (22222) Revision of: IS 12658:1989	Grinding media rolled forged carbon and Carbon - Chromium steels - Specification First Revision
46	MTD 16 (22246) Revision of: IS 12045:1987	ALLOYS USED IN ELECTRICAL RESISTANCE METALLIC HEATING ELEMENTS SPECIFICATION First Revision
47	MTD 16 (22417) Revision of: IS 6603:2001	STAINLESS STEEL SEMI-FINISHED PRODUCTS BARS WIRE RODS AND BRIGHT BARS- Specification Second Revision

48	MTD 16 (24267)	Steel wires for mechanical springs Part 4 stainless steel wire Second Revision Amendment - 2
49	MTD 16 (24625)	LOW NICKEL AUSTENITIC STAINLESS STEEL PLATE SHEET AND STRIP FOR UTENSILS AND KITCHEN APPLIANCES - SPECIFICATION AMENDMENT-2
50	MTD 16 (24658)	Stainless steel sheets and strips for utensils - Specification Third Revision Amendment -2
51	MTD 16 (24699)	Tri-ply SS-AL-SS material used for manufacture of utensils and kitchen appliances Specification
52	MTD 16 (24809)	Stainless steel plate sheet and strip - Specification Second Revision Amendment - 5
53	MTD 16 (25018)	Specification for quenched and tempered alloy steel forgings for pressure vessels Amendment - 1
54	MTD 16 (25131)	Specification for iron nickel alloy 36 for ceramic sealing Amendment - 1
55	MTD 16 (25282)	Forged steel rolls - Specification First Revision Amendment - 1
56	MTD 16 (25285)	Specification for iron nickel controlled expansion sealing alloys Amendment - 1
57	MTD 16 (25287)	Specification for iron nickel cobalt sealing alloy Amendment - 1
58	MTD 16 (25290)	36 - Nickel iron soft magnetic rods - Specification Amendment - 1
59	MTD 16 (25292)	36 - Nickel iron soft magnetic strips - Specification Amendment - 1
60	MTD 16 (25294)	48 - Nickel iron soft magnetic strip - Specification Amendment - 1
61	MTD 16 (25873) Revision of: IS 17111:2019	HEAT-TREATABLE STEELS ALLOY STEELS AND FREE-CUTTING STEELS BALL AND ROLLER BEARING STEELS First Revision
62	MTD 16 (26393)	Stainless steel sheets and strips for utensils - Specification Third Revision Amendment - 3
63	MTD 16 (27227)	Low nickel austenitic stainless steel plate sheet and strip for utensils and kitchen appliances - Specification Amendment - 3
64	MTD 16 (27390)	Tool Steels - Specification Amendment - 1
65	MTD 16 (27717)	Hot Rolled Alloy Steel Bars Specification
66	MTD 16 (27878) Revision of: IS 6911:2017	STAINLESS STEEL PLATE SHEET AND STRIP - SPECIFICATION Third revision
67	MTD 16 (28120) Revision of: IS 5517:1993	STEELS FOR HARDENING AND TEMPERING SPECIFICATION
68	MTD 16 (33254)	Specification for heat resisting steels
69	MTD 16 (33697)	Carbon and low alloy steel billets blooms slabs and bars for manufacture of shell bodies and proof shots used in defence services - Specification

Total Published Standards:74 Total Standards Under development:81

Aspect Wise Report

Product : 54
 Code of Practices : 4
 Methods of Test : 0
 Terminology : 2
 Dimensions : 12
 System Standard : 0
 Safety Standard : 0
 Others : 3
 Service Specification : 0
 Process Specification : 0
 Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 1870:1965 Reviewed In : 2014	Comparison of Indian and overseas standards for wrought steels for general engineering purposes
2	IS 3749:1978	Tool and die steels for cold work
3	IS 4430:1979 Reviewed In : 2019	Specification for mould steels First Revision
4	IS 5489:1975 Reviewed In : 2019	Specification for carburizing steels for use in bearing industry First Revision
5	IS 6527:1995 Reviewed In : 2024 ISO I6143-2	Stainless steel wire rods - Specification First Revision

6	IS 7291:1981 Reviewed In : 2019 ISO 683	Specification for high speed tool steels First Revision
7	IS 9175 (Part 1):1979 Reviewed In : 2019	Rationalized steels for the automobile and ancillary industry Part 1 chemical composition
8	IS 9175 (Part 2):1985 Reviewed In : 2019	Specification for rationalized steels for automobile and ancillary industry mechanical and physical properties Part 2 15c8 grade steel
9	IS 9175 (Part 3):1985 Reviewed In : 2019	Specification for rationalized steels for automobile and ancillary industry mechanical and physical properties Part 3 25c8 grade steel
10	IS 9175 (Part 4):1985 Reviewed In : 2019	Specification for rationalized steels for automobile and ancillary industry mechanical and physical properties Part 4 30c8 grade steel
11	IS 9175 (Part 5):1985 Reviewed In : 2019	Specification for rationalized steels for automobile and ancillary industry mechanical and physical properties Part 5 35c8 grade steel
12	IS 9175 (Part 6):1986 Reviewed In : 2019	Specification for rationalized steels for the automobile and ancillary industry Part 6 mechanical and physical properties of 40c8 grade steel
13	IS 9175 (Part 7):1986 Reviewed In : 2019	Specification for rationalized steels for the automobile and ancillary industry Part 7 mechanical and physical properties of 45c8 grade steel
14	IS 9175 (Part 8):1985 Reviewed In : 2019	Specification for rationalized steels for automobile and ancillary industry mechanical and physical properties Part 8 55c8 grade steel
15	IS 9175 (Part 9):1985 Reviewed In : 2019	Specification for rationalized steels for automobile and ancillary industry mechanical and physical properties Part 9 11c10s25 grade steel
16	IS 9175 (Part 10):1985 Reviewed In : 2019	Specification for rationalized steels for automobile and ancillary industry mechanical and physical properties Part 10 14c14s14 grade steel
17	IS 9175 (Part 11):1985 Reviewed In : 2019	Specification for rationalized steels for automobile and ancillary industry mechanical and physical properties Part 11 25c12s14 grade steel
18	IS 9175 (Part 12):1988 Reviewed In : 2019	Specification for rationalized steels for the automobile and ancillary industry Part 12 mechanical and physical properties of 35 mn6mo3s15
19	IS 9175 (Part 13):1987 Reviewed In : 2019	Specification for rationalized steels for the automobile and ancillary industry Part 13 mechanical and physical properties of 40c15s12 grade steel
20	IS 9175 (Part 15):1987 Reviewed In : 2019	Specification for rationalized steels for the automobile and ancillary industry Part 15 mechanical and physical properties of 37c15 grade steel
21	IS 9175 (Part 16):1987 Reviewed In : 2019	Specification for rationalized steels for the automobile and ancillary industry Part 16 mechanical and physical properties of 35mn6mo3 grade steel
22	IS 9175 (Part 17):1987 Reviewed In : 2019	Specification for rationalized steels for the automobile and ancillary industry Part 17 mechanical and physical properties of 35mn6mo4 grade steel
23	IS 9175 (Part 18):1987 Reviewed In : 2019	Specification for rationalized steels for the automobile and ancillary industry Part 18 mechanical and physical properties of 15cr3 grade steel
24	IS 9175 (Part 19):1986 Reviewed In : 2019	Rationalized steels for the automobile and ancillary industry Part 19 mechanical and physical properties of 16mn5cr4 grade steel
25	IS 9175 (Part 20):1986 Reviewed In : 2019	Rationalized steels for the automobile and ancillary industry Part 20 mechanical and physical properties of 20mnCr5 grade steel
26	IS 9175 (Part 21):1987 Reviewed In : 2019	Specification for rationalized steels for the automobile and ancillary industry Part 21 mechanical and physical properties of 40cr4 grade steel
27	IS 9175 (Part 22):1987 Reviewed In : 2019	Specification for rationalized steels for the automobile and ancillary industry Part 22 mechanical and physical properties of 40cr4mo3 grade steel
28	IS 9175 (Part 23):1987 Reviewed In : 2019	Specification for rationalized steels for the automobile and ancillary industry Part 23 mechanical and physical properties of 25cr13mo6 grade steel
29	IS 9175 (Part 24):1987 Reviewed In : 2019	Specification for rationalized steels for the automobile and ancillary industry Part 24 mechanical and physical properties of 35ni5cr2 grade steel
30	IS 9175 (Part 25):1987 Reviewed In : 2019	Specification for rationalized steels for the automobile and ancillary industry Part 25 mechanical and physical properties of 15ni5cr4mo grade steel
31	IS 9175 (Part 26):1986 Reviewed In : 2019	Rationalized steels for the automobile and ancillary industry Part 26 mechanical and physical properties of 16ni3cr2 grade steel
32	IS 9175 (Part 27):1987 Reviewed In : 2019	Specification for rationalized steels for the automobile and ancillary industry Part 27 mechanical and physical properties of 15ni7cr4mo2 grade steel
33	IS 9175 (Part 28):1987 Reviewed In : 2019	Specification for rationalized steels for the automobile and ancillary industry Part 28 mechanical and physical properties of 40ni6cr4mo3 grade steel
34	IS 9175 (Part 29):1987 Reviewed In : 2019	Rationalized steels for the automobile and ancillary industry Part 29 mechanical and physical properties of 40ni10cr3mo6 grade steel
35	IS 9175 (Part 30):1987	Specification for rationalized steels for the automobile and ancillary industry Part 30 mechanical

	Reviewed In : 2019	and physical properties of 20ni7crMo2 grade steel
36	IS 9175 (Part 31):1987 Reviewed In : 2019	Specification for rationalized steels for the automobile and ancillary industry Part 31 mechanical and physical properties of 20ni7mo2 grade steel
37	IS 9175 (Part 32):1987 Reviewed In : 2019	Specification for rationalized steels for the automobile and ancillary industry Part 32 mechanical and physical properties of 2onicrmo2 grade steel
38	IS 9175 (Part 33):1988 Reviewed In : 2019	Specification for rationalized - steels for the automobile and ancillary industry Part 33 mechanical and physical properties of 42cr6v10 grade steel
39	IS 9175 (Part 34):1986 Reviewed In : 2019	Rationalized steels for the automobile and ancillary industry Part 34 mechanical and physical properties of 14crNi6 grade steel

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 10631:1983 Reviewed In : 2024	Specification for stainless steel for welding electrode core wire
2	IS 10632 (Part 1):1983 Reviewed In : 2024	Specification for non magnetic stainless steels for electrical applications Part 1 general requirements
3	IS 10632 (Part 2):1983 Reviewed In : 2024	Specification for non magnetic stainless steels for electrical applications Part 2 specific requirements for binding wires
4	IS 10632 (Part 3):1983 Reviewed In : 2024	Specification for non magnetic stainless steels for electrical applications Part 3 specific requirements for sheets strips and plates
5	IS 11169 (Part 1):2022 1833-13:2019	Specification for steels for cold headingcold extrusion applications Part 1 wrought carbon and low alloy steels
6	IS 11169 (Part 2):2023	STEELS FOR COLD HEADING COLD EXTRUSION APPLICATIONS part 2 stainless steels- SPECIFICATION first revision
7	IS 11946:1987 Reviewed In : 2023	Specification for soft magnetic iron strips
8	IS 11947:1987 Reviewed In : 2023	Specification for soft magnetic iron rods bars flats and sections
9	IS 11952:1986 Reviewed In : 2024	Specification for steels for piston pins Gudgeon Pins
10	IS 12045:2025	ALLOYS USED IN ELECTRICAL RESISTANCE METALLIC HEATING ELEMENTS - SPECIFICATION First Revision
11	IS 12145:1987 Reviewed In : 2024	Specification for quenched and tempered alloy steel forgings for pressure vessels
12	IS 12146:1987 Reviewed In : 2023	Specification for carbon manganese steel forgings for pressure vessels
13	IS 12390:1988 Reviewed In : 2024	Specification for iron nickel alloy 36 for ceramic sealing
14	IS 12391:1988 Reviewed In : 2024	Specification for iron nickel controlled expansion sealing alloys
15	IS 12549:1988 Reviewed In : 2024	Specification for Iron-Nickel-Cobalt Sealing Alloy
16	IS 12658:2024	Grinding media rolledforged carbon and Carbon - Chromium steels - Specification First Revision
17	IS 12836:1989 Reviewed In : 2019	36 - Nickel iron soft magnetic rods - Specification
18	IS 12881:1990 Reviewed In : 2019	36 - Nickel iron soft magnetic strips - Specification
19	IS 12882:1990 Reviewed In : 2024	48 - Nickel iron soft magnetic strip - Specification
20	IS 13352:1992 Reviewed In : 2024	Stock for forgings produced from continuously cast blooms billets and slabs - Specification
21	IS 13387:1992 Reviewed In : 2024	Tool steel forgings for metal forming - Specification
22	IS 14331:1995 Reviewed In : 2023	Steels for high temperature bolting applications - Specification
23	IS 14652:1999 Reviewed In : 2023	18 percent nickel maraging steel bars and rods - Specification

24	IS 14698:1999 Reviewed In : 2023	Carbon and low alloy steel billets blooms slabs and bars for manufacture of shell bodies and proof shots used in defence services - Specification
25	IS 15997:2012 Reviewed In : 2022	Low nickel austenitic stainless steel plate sheet and strip for utensils and kitchen appliances - Specification
26	IS 16733:2018 ISO 11692 : 1994 Reviewed In : 2024 ISO 11692:1994	Ferritic-Pearlitic Engineering Steels for Precipitation Hardening from Hot-Working Temperatures
27	IS 17111:2025 ISO 683-17:2023	HEAT-TREATABLE STEELS ALLOY STEELS AND FREE-CUTTING STEELS - BALL AND ROLLER BEARING STEELS First Revision
28	IS 18755:2024	Tri-ply SS-AL-SS material used for manufacture of utensils and kitchen appliances Specification
29	IS 2004:1991 Reviewed In : 2023	Carbon steel forgings for general engineering purposes - Specification Third Revision
30	IS 2611:1964 Reviewed In : 2023	Specification for carbon chromium molybdenum steel forgings for high temperature service
31	IS 3261:1980 Reviewed In : 2023	Specification for carbon steel forgings for shipbuilding industry First Revision
32	IS 3431:1982 Reviewed In : 2022	Specification for steel for the manufacture of volute helical and laminated springs for automotive suspension Second Revision
33	IS 3445:1992 Reviewed In : 2024	Forged steel rolls - Specification First Revision
34	IS 3748:2022 4957:2018	Tool Steels - Specification
35	IS 3930:1994 Reviewed In : 2024	Flame and induction hardening steels - Specification Second Revision
36	IS 4367:1991 Reviewed In : 2024	Alloy steel forgings for general industrial use - Specification First Revision
37	IS 4398:1994 Reviewed In : 2024	Carbon - Chromium steel for the manufacture of balls rollers and bearing races - Specification Second Revision
38	IS 4431:1978 Reviewed In : 2024 ISO 683-4	Specification for carbon and carbon manganese free cutting steels First Revision
39	IS 4432:1988 Reviewed In : 2024 ISO 683-3	Specification for case hardening steels First Revision
40	IS 4454 (Part 4):2001 Reviewed In : 2022 ISO 6931-1	Steel wires for mechanical springs Part 4 stainless steel wire Second Revision
41	IS 5517:1993 Reviewed In : 2024 ISO 683-1 & 2	Steels for hardening and tempering - Specification Second Revision
42	IS 5518:1996 Reviewed In : 2024	Steels for die blocks for drop forging - Specification Second Revision
43	IS 5522:2014 Reviewed In : 2024	Stainless steel sheets and strips for utensils - Specification Third Revision
44	IS 5651:1987 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for steels for pneumatic tools First Revision
45	IS 6528:2024	Stainless steel wire - Specification Second Revision
46	IS 6529:1996 Reviewed In : 2023	Stainless steel blooms billets and slabs for forging - Specification First Revision
47	IS 6603:2024	Stainless Steel Semi-Finished Products Bars Wire Rods and Bright Bars Specification Second Revision
48	IS 6911:2026	STAINLESS STEEL PLATE SHEET AND STRIP - SPECIFICATION Third revision

49	IS 7494:2023	ALLOYS FOR INTERNAL COMBUSTION ENGINE VALVE APPLICATIONS SPECIFICATION Second Revision
50	IS 8748:2023	FORGED ROLLED CTC SEGMENTS -SPECIFICATION First Revision
51	IS 9294:2023	COLD-ROLLED STAINLESS STEEL STRIPS FOR RAZOR BLADES - Specification First Revision
52	IS 9516:1980 Reviewed In : 2024 ISO 4955	Specification for heat resisting steels
53	IS 963:1958 Reviewed In : 2021	Specification for chrome molybdenum steel bars and rods for aircraft purposes
54	IS 9683:1980 Reviewed In : 2023	Specification for carbon and low alloy steel forgings for fired and unfired pressure vessels