

BUREAU OF INDIAN STANDARDS

Program of Work

MTD 5 : Ferro Alloys

Scope: Standardization in the field of ferro alloys and other metallic additions used for iron and steel making

Liaison: **ISO TC-132 (P): Ferroalloys**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 1110 : 2023 ISO 5445:1980	Ferrosilicon - Specification (Fifth Revision)		-	Not Equivalent
2	IS 1170 : 1992 Reviewed In : 2024	Ferrochromium - Specification (Second Revision)	March, 2024	1	Indigenous
3	IS 1171 : 2011 Reviewed In : 2021	Ferromanganese - Specification (Fifth Revision)	March, 2021	-	Indigenous
4	IS 12908 : 1990 Reviewed In : 2024	Ferroaluminium - Specification	March, 2024	-	Indigenous
5	IS 12908 : 1990 Reviewed In : 2024	Ferroaluminium - Specification (Bilingual)	March, 2024	-	
6	IS 13054 : 1991 Reviewed In : 2024	Quartzite/quartz for the production of ferroalloys - Specification	March, 2024	1	Indigenous
7	IS 13164 : 1991 Reviewed In : 2021	Ferrosilicomagnesium - Specification	March, 2021	-	Indigenous
8	IS 1466 : 1985 Reviewed In : 2024	Specification for ferrovanadium (Third Revision)	March, 2024	-	Indigenous
9	IS 1467 : 1993 Reviewed In : 2024	Ferrotungsten - Specification (Second Revision)	March, 2024	-	Indigenous
10	IS 1468 : 2000 Reviewed In : 2024	Ferrotitanium - Specification (Fourth Revision)	March, 2024	-	Indigenous
11	IS 1469 : 1993 Reviewed In : 2024	Ferromolybdenum - Specification (Fourth Revision)	March, 2024	1	Indigenous
12	IS 1470 : 2013 Reviewed In : 2023	Silicomanganese - Specification (Fourth Revision)	September, 2023	-	Indigenous
13	IS 1471 : 1988 Reviewed In : 2024	Specification for ferrophosphorus (Second Revision)	March, 2024	-	Indigenous
14	IS 1472 : 1977 Reviewed In : 2022 ISO 3713:1987	Methods for sampling ferro-alloys for determination of chemical composition (First Revision)	January, 2022	2	Not Equivalent
15	IS 15765 : 2008 Reviewed In : 2023	Method of sampling ferro alloys for sieve analysis and size determination	September, 2023	-	Indigenous
16	IS 2021 : 1993 Reviewed In : 2024	Manganese metal - Specification (Second Revision)	March, 2024	-	Indigenous
17	IS 2022 : 1997 Reviewed In : 2024	Calcium silicon - Specification (Third Revision)	March, 2024	-	Indigenous
18	IS 2023 : 1993 Reviewed In : 2024	Chromium metal - Specification (Second Revision)	March, 2024	-	Indigenous

19	IS 2024 : 1988 Reviewed In : 2024	Specification for ferrosilichromium (Third Revision)	March, 2024	1	Indigenous
20	IS 2085 : 1962 Reviewed In : 2024	Code for designation of ferro - alloys	March, 2024	-	Indigenous
21	IS 2301 : 2000 Reviewed In : 2024	Metallic silicon - Specification (Second Revision)	March, 2024	-	Indigenous
22	IS 2391 : 2024	Foundry Nickel - Specification (Second Revision)		-	Indigenous
23	IS 3011 : 1973 Reviewed In : 2021	Specification for ferrosilicozirconium (First Revision)	March, 2021	1	Indigenous
24	IS 3012 : 2023	Chrome Manganese - Specification (Second Revision)		-	Indigenous
25	IS 3013 : 1991 Reviewed In : 2021	Ferroboration - Specification (Third Revision)	March, 2021	-	Indigenous
26	IS 3014 : 1993 Reviewed In : 2024	Ferroniobium - Specification (Second Revision)	March, 2024	-	Indigenous
27	IS 4182 : 1988 Reviewed In : 2020	Specification for misch metal (First Revision)	March, 2020	-	Indigenous
28	IS 4409 : 2023	Ferronickel - Specification (Second Revision)		-	Indigenous
29	IS 5634 : 1987 Reviewed In : 2021	Specification for molybdenum oxide (Technical) (First Revision)	March, 2021	1	Indigenous
30	IS 7148 : 2024	Ferro-Alloys for Welding Industry "â€” Specification (Second Revision)		-	Indigenous
31	IS 7965 : 1976 Reviewed In : 2021	Specification for niobium (Columbium)	March, 2021	-	Indigenous

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 5 (25313) Revision of: IS 1171:2011	FERROMANGANESE SPECIFICATION Sixth Revision
2	MTD 5 (25314) Revision of: IS 1470:2013	Silicomanganese - Specification Fifth Revision
3	MTD 5 (25538) Revision of: IS 1468:2000	Ferrotitanium - Specification Fifth Revision
4	MTD 5 (25540) Revision of: IS 2021:1993	Manganese metal - Specification Third Revision
5	MTD 5 (25542) Revision of: IS 1467:1993	Ferrotungsten - Specification Third Revision
6	MTD 5 (25543) Revision of: IS 1170:1992	Ferrochromium - Specification Third Revision

Drafts Standards in WC Stage

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

Draft Standards Completed WC Stage

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

Finalized Draft Indian Standard

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

Finalized Draft Indian Standards under Print

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

Total Published Standards:31 Total Standards Under development:6

Aspect Wise Report

Product : 27
Code of Practices : 2
Methods of Test : 0
Terminology : 0
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 2
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS B1110 : 1990 Reviewed In : 2019	Ferrosilicon Bi-lingual
2	IS 1111 : 1964	Spiegeleisen Revised
3	IS 11945 : 1987 Reviewed In : 2016	Charge Chrome

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 1110 : 2023	Ferrosilicon - Specification Fifth Revision
2	IS 1170 : 1992 Reviewed In : 2024	Ferrochromium - Specification Second Revision
3	IS 1171 : 2011 Reviewed In : 2021	Ferromanganese - Specification Fifth Revision
4	IS 12908 : 1990 Reviewed In : 2024	Ferroaluminium - Specification
5	IS 12908 : 1990 Reviewed In : 2024	Ferroaluminium - Specification Bi-lingual
6	IS 13054 : 1991 Reviewed In : 2024	Quartzite quartz for the production of ferroalloys - Specification
7	IS 13164 : 1991 Reviewed In : 2021	Ferrosilicomagnesium - Specification

8	IS 1466 : 1985 Reviewed In : 2024	Specification for ferrovanadium Third Revision
9	IS 1467 : 1993 Reviewed In : 2024	Ferrotungsten - Specification Second Revision
10	IS 1468 : 2000 Reviewed In : 2024	Ferrotitanium - Specification Fourth Revision
11	IS 1469 : 1993 Reviewed In : 2024	Ferromolybdenum - Specification Fourth Revision
12	IS 1470 : 2013 Reviewed In : 2023	Silicomanganese - Specification Fourth Revision
13	IS 1471 : 1988 Reviewed In : 2024	Specification for ferrophosphorus Second Revision
14	IS 2021 : 1993 Reviewed In : 2024	Manganese metal - Specification Second Revision
15	IS 2022 : 1997 Reviewed In : 2024	Calcium silicon - Specification Third Revision
16	IS 2023 : 1993 Reviewed In : 2024	Chromium metal - Specification Second Revision
17	IS 2024 : 1988 Reviewed In : 2024	Specification for ferrosilicochromium Third Revision
18	IS 2301 : 2000 Reviewed In : 2024	Metallic silicon - Specification Second Revision
19	IS 2391 : 2024	Foundry Nickel - Specification Second Revision
20	IS 3011 : 1973 Reviewed In : 2021	Specification for ferrosilicozirconium First Revision
21	IS 3012 : 2023	Chrome Manganese - Specification Second Revision
22	IS 3013 : 1991 Reviewed In : 2021	Ferroboron - Specification Third Revision
23	IS 3014 : 1993 Reviewed In : 2024	Ferroniobium - Specification Second Revision
24	IS 4182 : 1988 Reviewed In : 2020	Specification for misch metal First Revision
25	IS 4409 : 2023	Ferronickel - Specification Second Revision
26	IS 5634 : 1987 Reviewed In : 2021	Specification for molybdenum oxide Technical First Revision
27	IS 7965 : 1976 Reviewed In : 2021	Specification for niobium Columbium