

BUREAU OF INDIAN STANDARDS

Program of Work

MTD 9 : Ores and Feed Stock for Non-Ferrous (Excluding Aluminium and Copper) Industry, their Metals/ Alloys and Products Sectional Committee

Scope: Standardization in the field of Non-Ferrous Ores and other feed stock for Non-Ferrous Industry and Standardization in the field of Non-Ferrous Metals, their alloys and products. (Excluding Standardization in the field of Ores and Feed Stock for Aluminium and Copper Industry and their Metals, Alloys and Products)

Liaison: **ISO TC-18 (P): ISO TC-183 (O):** *Copper, lead, zinc and nickel ores and concentrates* **ISO TC-79 SC-11 (O): Titanium** **ISO TC-79 SC-5 (O):** *Magnesium and alloys of cast or wrought magnesium*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 11516 : 2005 <i>Reviewed In : 2021</i>	Soft solder for electronic applications specification (First Revision)	March, 2021	-	Indigenous
2	IS 11900 : 1986 <i>Reviewed In : 2021</i>	Specification for tungsten rods and tungsten wire for lamps and electron devices	March, 2021	-	Indigenous
3	IS 11900 : 2024	Tungsten Rods and Tungsten Wires for Lamps and Electron Devices " Specification (First Revision)		-	Indigenous
4	IS 12445 : 1988 <i>Reviewed In : 2021</i>	Specification for molybdenum plate, sheet, strip and foil	March, 2021	-	Indigenous
5	IS 12447 : 2024 <i>ISO 14919 : 2015</i>	Zinc and Zinc Alloy Wire for Thermal Spraying (Metallizing) " Specification (First Revision)		-	Not Equivalent
6	IS 12447 : 1988 <i>Reviewed In : 2023</i> <i>ISO 14919 : 2015</i>	Specification for zinc wire for sprayed zinc coatings	June, 2023	1	Not Equivalent
7	IS 12465 : 1988 <i>Reviewed In : 2021</i>	Specification for molybdenum wires for lighting and electronic application	March, 2021	-	Indigenous
8	IS 12871 : 2022 ISO 12743:2021 <i>ISO 12743:2021</i>	COPPER LEAD ZINC AND NICKEL CONCENTRATES SAMPLING PROCEDURES FOR DETERMINATION OF METAL AND MOISTURE CONTENT (Second Revision)		-	Identical under dual numbering
9	IS 13229 : 1991 <i>Reviewed In : 2023</i>	Zinc for galvanizing - Specification	August, 2023	3	Indigenous
10	IS 13350 : 1992 <i>Reviewed In : 2021</i>	Molybdenum rods - Specification	March, 2021	-	Indigenous
11	IS 13351 : 1992 <i>Reviewed In : 2021</i>	Thoriated tungsten wires and rods - Specification	March, 2021	-	Indigenous

12	IS 13351 : 2024	Thoriated Tungsten Wires and Rods " Specification (First Revision)		-	Indigenous
13	IS 13751 : 2023	Tungsten Ore for Hard Metal Industry " Specification (First revision)		-	Indigenous
14	IS 13923 : 2023	Lead Seal - Specification (First revision)		-	Indigenous
15	IS 14651 : 1999 Reviewed In : 2021	Multi filamentary niobium - Titanium (NbTi) superconductor wires - Specification	March, 2021	-	Indigenous
16	IS 14688 : 1999 Reviewed In : 2021	Lead - Antimony alloy bricks for radiation shielding - Specification	March, 2021	-	Indigenous
17	IS 1654 : 1992 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Lead - Antimony alloys - Specification (Third Revision)	June, 2023	1	Indigenous
18	IS 1655 : 2023	Metallic Materials " Zinc Alloys " Manufacture of Pressure Die Castings " Code of Practice (Third Revision)		-	Indigenous
19	IS 1817 : 1961 Reviewed In : 2021	Methods of sampling non - Ferrous metals for chemical analysis	March, 2021	-	Indigenous
20	IS 18516 : 2023 ISO 20081 :2005 ISO 20081 :2005	Zinc and zinc alloys " Method of sampling " Specifications		-	Identical under dual numbering
21	IS 1921 : 2005 Reviewed In : 2021	Flux cored solder wire - Specification (Second Revision)	March, 2021	-	Indigenous
22	IS 193 : 2024 ISO 9453:2020 ISO 9453:2020	Soft solder alloys - Chemical compositions and forms - Specification (Sixth Revision)		-	Identical under dual numbering
23	IS 193 : 2000 Reviewed In : 2021 ISO 9453:2020	Soft solder - Specification (Fifth Revision)	March, 2021	1	Identical under dual numbering
24	IS 209 : 2024 ISO 752 : 2004	Refined Zinc - Specification (Fifth Revision)		-	Not Equivalent
25	IS 209 : 1992 Reviewed In : 2023 ISO 752 : 2004	Zinc ingot - Specification (Fourth Revision)	March, 2023	3	Not Equivalent
26	IS 211 : 2024	Antimony Ingot " Specification (Fifth Revision)		-	Indigenous
27	IS 211 : 1992 Reviewed In : 2023	Antimony ingot - Specification (Fourth Revision)	June, 2023	-	Indigenous
28	IS 2258 : 1981 Reviewed In : 2021	Specification for rolled zinc plate, sheet and strip (Second Revision)	March, 2021	-	Indigenous
29	IS 2258 : 2023	Rolled Zinc Plate, Sheet And Strip ? Specification(Third Revision)		-	Indigenous
30	IS 25 : 1979 Reviewed In : 2021	Specification for antifriction bearing alloys (Third Revision)	March, 2021	-	Indigenous
31	IS 26 : 2024	Tin ingot - Specification (fifth revision)		-	Indigenous
32	IS 2602 : 1989 Reviewed In : 2021	Cadmium anodes for electroplating specification (First Revision)	March, 2021	-	Indigenous
33	IS 2604 : 1988 Reviewed In : 2021	Specification for lead anodes for electroplating (Second Revision)	March, 2021	-	Indigenous
34	IS 2605 : 2023	Zinc Anodes For Electroplating " Specification (Second Revision)		-	Indigenous

35	IS 27 : 2023	Primary Lead - Specification (Fifth Revision).		-	Indigenous
36	IS 27 : 1992 Reviewed In : 2023	Pig lead - Specification (Fourth Revision)	June, 2023	2	Indigenous
37	IS 2782 : 2023 ISO 6283: 2017	Refined Nickel- Specification (First Revision)		-	Not Equivalent
38	IS 3717 : 2024	Refined Secondary Lead $\frac{1}{2}$ Specification (Second Revision)		-	Indigenous
39	IS 404 (Part 1) : 1993 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Lead pipes - Specification: Part 1 for other than chemical purposes (Third Revision)	June, 2023	-	Indigenous
40	IS 404 (Part 2) : 1993 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Lead pipes - Specification: Part 2 for chemical purposes (Third Revision)	June, 2023	-	Indigenous
41	IS 405 (Part 1) : 1992 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Lead sheets and strips - Specification: Part 1 for chemical purposes (Third Revision)	June, 2023	-	Indigenous
42	IS 405 (Part 2) : 1992 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Lead sheets and strips - Specification: Part 2 for other than chemical purposes (Third Revision)	June, 2023	2	Indigenous
43	IS 4280 : 1992 Reviewed In : 2023	Refined secondary tin - Ingot specification (Second Revision)	June, 2023	-	Indigenous
44	IS 4699 : 1984 Reviewed In : 2023	Specification for refined secondary zinc (First Revision)	March, 2023	2	Indigenous
45	IS 5479 : 2024	Solders for Jointing Aluminium and Aluminium Alloys " Specification (Second Revision)		-	Indigenous
46	IS 5479 : 1985 Reviewed In : 2023	Specification for solders for jointing aluminium and aluminium alloys (First Revision)	March, 2023	-	Indigenous
47	IS 6344 : 2006 Reviewed In : 2022	Cadmium metal - Specification (Second Revision)	September, 2022	-	Indigenous
48	IS 713 : 1981 Reviewed In : 2023 ISO 301	Specification for zinc base alloy ingots for die casting (Second Revision)	June, 2023	1	Not Equivalent
49	IS 742 : 1981 Reviewed In : 2023 ISO 15201	Specification for zinc base alloy die castings (Second Revision)	June, 2023	1	Not Equivalent
50	IS 8439 : 1977 Reviewed In : 2024 Decision taken to Reaffirm and Archive ISO 12744	Methods for sampling of lead and lead alloys	February, 2024	-	Not Equivalent
51	IS 8475 : 1977 Reviewed In : 2021	Specification for lead - Base antifriction bearing alloy for heavy duty applications	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 9 (25837) Revision of: IS 1921:2005	SOLDER WIRE - SOLID AND FLUX CORED - 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:41 Total Standards Under development:1

Aspect Wise Report

Product : 37
 Code of Practices : 5
 Methods of Test : 0
 Terminology : 0
 Dimensions : 0
 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 10816 : 1984 Reviewed In : 2019	Methods of sampling zinc and lead concentrates
2	IS 1339 : 1992 Reviewed In : 2003	Lead and Lead Alloys for Sheathing of Electric Cables
3	IS 1357 : 1984	Printing Type Metal Ingots

	Reviewed In : 2001	
4	IS 13982 : 1994 Reviewed In : 2006	Zinc Alloy for Hot Dip Coatings- Zinc-5 Percent Aluminium- Mischmetal Alloy

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 11516 : 2005 Reviewed In : 2021	Soft solder for electronic applications specification First Revision
2	IS 11900 : 2024	Tungsten Rods and Tungsten Wires for Lamps and Electron Devices Specification First Revision
3	IS 12445 : 1988 Reviewed In : 2021	Specification for molybdenum plate sheet strip and foil
4	IS 12447 : 2024	Zinc and Zinc Alloy Wire for Thermal Spraying Metallizing Specification First Revision
5	IS 12465 : 1988 Reviewed In : 2021	Specification for molybdenum wires for lighting and electronic application
6	IS 13229 : 1991 Reviewed In : 2023	Zinc for galvanizing - Specification
7	IS 13350 : 1992 Reviewed In : 2021	Molybdenum rods - Specification
8	IS 13351 : 2024	Thoriated Tungsten Wires and Rods Specification First Revision
9	IS 13751 : 2023	Tungsten Ore for Hard Metal Industry Specification First revision
10	IS 13923 : 2023	Lead Seal - Specification First revision
11	IS 14651 : 1999 Reviewed In : 2021	Multi filamentary niobium - Titanium NbTi superconductor wires - Specification
12	IS 14688 : 1999 Reviewed In : 2021	Lead - Antimony alloy bricks for radiation shielding - Specification
13	IS 1654 : 1992 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Lead - Antimony alloys - Specification Third Revision
14	IS 1921 : 2005 Reviewed In : 2021	Flux cored solder wire - Specification Second Revision
15	IS 193 : 2024 ISO 9453:2020	Soft solder alloys - Chemical compositions and forms - Specification Sixth Revision
16	IS 209 : 2024	Refined Zinc - Specification Fifth Revision
17	IS 211 : 2024	Antimony Ingot Specification Fifth Revision
18	IS 2258 : 2023	Rolled Zinc Plate Sheet And Strip Specification Third Revision
19	IS 25 : 1979 Reviewed In : 2021	Specification for antifriction bearing alloys Third Revision
20	IS 26 : 2024	Tin ingot - Specification fifth revision
21	IS 2602 : 1989 Reviewed In : 2021	Cadmium anodes for electroplating specification First Revision
22	IS 2604 : 1988 Reviewed In : 2021	Specification for lead anodes for electroplating Second Revision
23	IS 2605 : 2023	Zinc Anodes For Electroplating Specification Second Revision
24	IS 27 : 2023	Primary Lead - Specification Fifth Revision
25	IS 2782 : 2023	Refined Nickel- Specification First Revision

26	IS 3717 : 2024	Refined Secondary Lead Specification Second Revision
27	IS 404 (Part 1) : 1993 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Lead pipes - Specification Part 1 for other than chemical purposes Third Revision
28	IS 404 (Part 2) : 1993 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Lead pipes - Specification Part 2 for chemical purposes Third Revision
29	IS 405 (Part 1) : 1992 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Lead sheets and strips - Specification Part 1 for chemical purposes Third Revision
30	IS 405 (Part 2) : 1992 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Lead sheets and strips - Specification Part 2 for other than chemical purposes Third Revision
31	IS 4280 : 1992 Reviewed In : 2023	Refined secondary tin - Ingot specification Second Revision
32	IS 4699 : 1984 Reviewed In : 2023	Specification for refined secondary zinc First Revision
33	IS 5479 : 2024	Solders for Jointing Aluminium and Aluminium Alloys Specification Second Revision
34	IS 6344 : 2006 Reviewed In : 2022	Cadmium metal - Specification Second Revision
35	IS 713 : 1981 Reviewed In : 2023 ISO 301	Specification for zinc base alloy ingots for die casting Second Revision
36	IS 742 : 1981 Reviewed In : 2023 ISO 15201	Specification for zinc base alloy die castings Second Revision
37	IS 8475 : 1977 Reviewed In : 2021	Specification for lead - Base antifriction bearing alloy for heavy duty applications