

BUREAU OF INDIAN STANDARDS

Program of Work

MTD 10 : Precious Metals Sectional Committee

Scope: Standardization in the field of precious metals
Liaison: **ISO TC-174 (P): Jewellery and precious metals**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 11084:2023	SILVER PALLADIUM ALLOY WIRE AND STRIP FOR ELECTRICAL CONTACTS - SPECIFICATION (FIRST REVISION)		-	Indigenous
2	IS 11095:1984 Reviewed In : 2024	Specification for bi-metallic strip and bar with precious metal on phosphor bronze base for electrical contacts	September, 2024	-	Indigenous
3	IS 12144:1987 Reviewed In : 2024	Specification for fine silver wire for electrical contacts	September, 2024	-	Indigenous
4	IS 12714:1989 Reviewed In : 2021	Bimetallic tape for electrical contacts - Specification	March, 2021	-	Indigenous
5	IS 13600:1992 Reviewed In : 2024	Chemical analysis of silver palladium alloys	September, 2024	-	Indigenous
6	IS 1417:2016 Reviewed In : 2021 ISO 9202	Gold and gold alloys, jewellery/ artefacts - Fineness and marking - Specification (Fourth Revision)	March, 2021	2	Not Equivalent
7	IS 1418:2009 Reviewed In : 2024 ISO 11426	Determination of gold in gold bullion, gold alloys and gold jewellery/artefacts - Cupellation (Fire Assay) method (Third Revision)	September, 2024	-	Not Equivalent
8	IS 14741:2020 ISO 8654 : 2018 ISO 8654 : 2018	Jewellery Colours of gold alloys Definition range of colours and designation		-	Identical under dual numbering
9	IS 15329:2003 Reviewed In : 2024 ISO 9202	Platinum and platinum alloys, jewellery/ artefacts - Fineness and marking - Specification	September, 2024	-	Not Equivalent
10	IS 15766 (Part 1):2007 Reviewed In : 2022 ISO/AWI 24016-1	Grading of polished diamonds: Part 1 classification	March, 2022	1	Not Equivalent
11	IS 15766 (Part 2):2007 Reviewed In : 2022 ISO/AWI 24016-2	Grading of polished diamonds: Part 2 test methods	March, 2022	2	Not Equivalent
12	IS 15820:2024	Establishment and Operation of		-	Not Equivalent

	ISO 9001	Assaying and Hallmarking Centres â€™ General Requirements (First Revision)			
13	IS 15892:2019 ISO 8643 : 2016 Reviewed In : 2023 ISO 8653:2016	Jewellery - Ring-Sizes - Definition, Measurement and Designation (First Revision)	December, 2023	-	Identical under dual numbering
14	IS 15893:2011 ISO 10713:1992 Reviewed In : 2025 ISO 10713:1992	Jewellery - Gold alloy coatings	February, 2025	-	Identical under dual numbering
15	IS 15940:2021 ISO 11494 : 2019 ISO 11494 : 2019	Jewellery and precious metals Determination of platinum in platinum alloys ICP-OES method using an internal standard element		-	Identical under dual numbering
16	IS 15941:2021 ISO 11495 : 2019 ISO 11495 : 2019	Jewellery and precious metals Determination of palladium in palladium alloys ICP-OES method using an internal standard element		-	Identical under dual numbering
17	IS 16900:2021 ISO 15096 : 2020 ISO 15096 : 2020	Jewellery and precious metals Determination of high purity silver Difference method using ICP-OES		-	Identical under dual numbering
18	IS 16901:2022 ISO 15093:2020 ISO 15093:2020	Jewellery and precious metals Determination of high purity gold platinum and palladium - Difference method using ICP- OES		-	Identical under dual numbering
19	IS 17278:2019 Reviewed In : 2023	Refined Gold and Silver Bars for Good Delivery â€™ Specification	December, 2023	-	Indigenous
20	IS 18458:2023 ISO 23345 : 2021	JEWELLERY AND PRECIOUS METALS - ED-XRF TEST - METHOD OF TEST		-	Not Equivalent
21	IS 1953:1973 Reviewed In : 2025	Methods of chemical analysis of silver anodes (First Revision)	February, 2025	-	Indigenous
22	IS 2112:2025	SILVER AND SILVER ALLOYS, JEWELLERY/ARTEFACTS $\frac{1}{2}$ FINENESS AND MARKING $\frac{1}{2}$ SPECIFICATION (FOURTH REVISION)		-	Indigenous
23	IS 2113:2014 Reviewed In : 2024 ISO 11427 & ISO 13756	Assaying silver in silver and silver alloys - Methods (Third Revision)	September, 2024	1	Not Equivalent
24	IS 2270:1965 Reviewed In : 2025	Methods for assaying of platinum and platinum alloys	February, 2025	-	Indigenous
25	IS 2270:2024	Assaying of Platinum and Platinum Alloys â€™ Methods (First Revision)		-	Indigenous
26	IS 2271:1967 Reviewed In : 2025	Recommended method for spectrographic analysis of platinum	February, 2025	-	Indigenous
27	IS 2275:1984 Reviewed In : 2024	Grades of platinum (First Revision)	December, 2024	-	Indigenous
28	IS 2279:1980 Reviewed In : 2024	Specification for fine silver bar, sheet, wire, granules and token (First Revision)	September, 2024	-	Indigenous
29	IS 2767:1984 Reviewed In : 2025	Specification for gold thread (Silver Base) (First Revision)	February, 2025	-	Indigenous
30	IS 2790:1999	Guidelines for manufacture of	February, 2025	-	Indigenous

	Reviewed In : 2025	23,22,21,18,14 and 9 carat gold alloys (Second Revision)			
31	IS B2790:1999 Reviewed In : 2025	Guidelines for Manufacture of 23, 22, 21, 18, 14 and 9 Carat Gold Alloys(Bi-lingual)	February, 2025	-	
32	IS 3088:2024	Assaying of fine grade palladium -Method (First Revision)		-	Indigenous
33	IS 3095:2025 ISO 22764	Gold solders for use in manufacture of jewellery - Specification (Third Revision)		-	Not Equivalent
34	IS 3096:1965 Reviewed In : 2025	Specification for fine grade palladium	February, 2025	-	Indigenous
35	IS 3111:1984 Reviewed In : 2025	Specification for silver thread (First Revision)	February, 2025	-	Indigenous
36	IS 3112:1984 Reviewed In : 2025	Specification for gold and silver embroidery material (First Revision)	February, 2025	-	Indigenous
37	IS 3571:1985 Reviewed In : 2025	Specification for dental gold solders (First Revision)	February, 2025	-	Indigenous
38	IS 3578:1985 Reviewed In : 2025	Specification for dental gold alloy wire (First Revision)	February, 2025	-	Indigenous
39	IS 3610:1985 Reviewed In : 2025	Specification for dental gold foil (First Revision)	February, 2025	-	Indigenous
40	IS 4134:1967 Reviewed In : 2025	Recommended colour classification of rough diamond	February, 2025	-	Indigenous
41	IS 4703:1968 Reviewed In : 2025	Methods of chemical analysis of silver - Manganese brazing alloys	February, 2025	-	Indigenous
42	IS 4704:1985 Reviewed In : 2025	Specification for silver-tin dental amalgam alloy (First Revision)	February, 2025	1	Indigenous
43	IS 4705:1985 Reviewed In : 2025	Specification for dental mercury (First Revision)	February, 2025	-	Indigenous
44	IS 4799:1985 Reviewed In : 2025	Specification for dental casting gold alloys, non - Porcelain bonding (First Revision)	February, 2025	-	Indigenous
45	IS 5954:1985 Reviewed In : 2025	Specification for dental white gold alloys (First Revision)	February, 2025	-	Indigenous
46	IS 6018:1993 Reviewed In : 2022	Platinum, platinum rhodium catalyst gauzes - Specification (First Revision)	March, 2022	-	Indigenous
47	IS 6019:1993 Reviewed In : 2024	Platinum dish - Specification (First Revision)	September, 2024	-	Indigenous
48	IS 6170:2024	Platinum crucible and lid - Specification (First Revision)		-	Indigenous
49	IS 639:1982 Reviewed In : 2024	Specification for gold leaf (Second Revision)	September, 2024	-	Indigenous
50	IS 6882:1973 Reviewed In : 2024	Specification for platinum electrodes	September, 2024	-	Indigenous
51	IS 6889:2000 Reviewed In : 2024	Chemical analysis of silver - Tin dental amalgam alloy - Method (First Revision)	September, 2024	-	Indigenous
52	IS 6890 (Part 1):1989 Reviewed In : 2024	Chemical analysis of gold alloys dental: Part 1 determination of gold, silver, palladium and platinum (First Revision)	September, 2024	-	Indigenous
53	IS 6890 (Part 2):1975 Reviewed In : 2024	Methods for chemical analysis of dental gold alloys: Part 2 determination of nickel and zinc	September, 2024	-	Indigenous
54	IS 7225:1985 Reviewed In : 2025	Specification for dental cobalt - Chromium casting alloy (First	February, 2025	-	Indigenous

		Revision)			
55	IS 7255 (Part 1):1974 Reviewed In : 2024	Methods of chemical analysis of solders for use in goldware: Part 1 determination of gold, silver and copper	September, 2024	-	Indigenous
56	IS 7255 (Part 2):1977 Reviewed In : 2024	Methods of chemical analysis of solders for use in goldware: Part 2 determination of cadmium and zinc by polarographic method	September, 2024	-	Indigenous
57	IS 7562:1974 Reviewed In : 2024	Specification for gold cladding	September, 2024	1	Indigenous
58	IS 8858:1978 Reviewed In : 2025	Method for spectrographic analysis of fine silver ingot	February, 2025	-	Indigenous
59	IS 8929:2023	HIGH PURITY GOLD WIRE FOR ELECTRICAL CONTACTS - SPECIFICATION		-	Indigenous
60	IS 9443:1980 Reviewed In : 2019	Guidelines for marking purity of silver on silver articles/ornaments	September, 2019	-	Indigenous
61	IS 964:2023	CHEMICAL ANALYSIS OF SILVER SOLDER - METHODS		-	Indigenous
62	IS 9925:2024	Determination of Gold and Silver in Gold and Silver Thread and Embroidery Materials - Method (First Revision)		-	Indigenous

Standards under Development

Projects Approved		
Sl. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards		
Sl. No.	Doc No.	Title
No Records Found		

Drafts Standards in WC Stage		
Sl. No.	Doc No.	Title
1	MTD 10 (28529)	Jewellery and precious metals Determination of high purity gold silver platinum and palladium Difference method using SPARK-OES

Draft Standards Completed WC Stage		
Sl. No.	Doc No.	Title
1	MTD 10 (28297)	Consumer confidence in the diamond industry
2	MTD 10 (28409)	Grading of Mounted diamonds - Part 1 - General requirements for competence of a diamond testing and grading laboratory
3	MTD 10 (28410)	GRADING OF MOUNTED DIAMONDS - PART 2 CLASSIFICATION AND TEST METHOD

Finalized Draft Indian Standard		
Sl. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
No Records Found		

Total Published Standards:60 Total Standards Under development:4

Aspect Wise Report

Product : 33

Code of Practices : 3

Methods of Test : 23

Terminology : 1

Dimensions : 0

System Standard : 0

Safety Standard : 0

Others : 1

Service Specification : 0

Process Specification : 0

Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 2278:1963	Fine gold bar sheet wire granules and token LAGDI or MOHUR
2	IS 3541:1981 Reviewed In : 1990	Code of practice for manufacture of 23 3 and lower carat gold alloys
3	IS 5320:1969	Fine Silver Ingot
4	IS 6683:1998 Reviewed In : 2019	Diameters of wires for platinum group metals and their alloys
5	IS 8844:1978 Reviewed In : 1992	Guidelines for marking purity of gold on gold articles ornaments

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 11084:2023	SILVER PALLADIUM ALLOY WIRE AND STRIP FOR ELECTRICAL CONTACTS - SPECIFICATION FIRST REVISION
2	IS 11095:1984 Reviewed In : 2024	Specification for bi-metallic strip and bar with precious metal on phosphor bronze base for electrical contacts
3	IS 12144:1987 Reviewed In : 2024	Specification for fine silver wire for electrical contacts
4	IS 12714:1989 Reviewed In : 2021	Bimetallic tape for electrical contacts - Specification
5	IS 1417:2016 Reviewed In : 2021 ISO 9202	Gold and gold alloys jewellery artefacts - Fineness and marking - Specification Fourth Revision
6	IS 15329:2003 Reviewed In : 2024 ISO 9202	Platinum and platinum alloys jewellery artefacts - Fineness and marking - Specification
7	IS 15766 (Part 1):2007 Reviewed In : 2022 ISO/AWI 24016-1	Grading of polished diamonds Part 1 classification
8	IS 15893:2011 ISO 10713:1992 Reviewed In : 2025 ISO 10713:1992	Jewellery - Gold alloy coatings
		Refined Gold and Silver Bars for Good Delivery Specification

9	IS 17278:2019 Reviewed In : 2023	
10	IS 2112:2025	SILVER AND SILVER ALLOYS JEWELLERY ARTEFACTS FINENESS AND MARKING SPECIFICATION FOURTH REVISION
11	IS 2275:1984 Reviewed In : 2024	Grades of platinum First Revision
12	IS 2279:1980 Reviewed In : 2024	Specification for fine silver bar sheet wire granules and token First Revision
13	IS 2767:1984 Reviewed In : 2025	Specification for gold thread Silver Base First Revision
14	IS 3095:2025	Gold solders for use in manufacture of jewellery - Specification Third Revision
15	IS 3096:1965 Reviewed In : 2025	Specification for fine grade palladium
16	IS 3111:1984 Reviewed In : 2025	Specification for silver thread First Revision
17	IS 3112:1984 Reviewed In : 2025	Specification for gold and silver embroidery material First Revision
18	IS 3571:1985 Reviewed In : 2025	Specification for dental gold solders First Revision
19	IS 3578:1985 Reviewed In : 2025	Specification for dental gold alloy wire First Revision
20	IS 3610:1985 Reviewed In : 2025	Specification for dental gold foil First Re Vision
21	IS 4134:1967 Reviewed In : 2025	Recommended colour classification of rough diamond
22	IS 4704:1985 Reviewed In : 2025	Specification for silver-tin dental amalgam alloy First Revision
23	IS 4705:1985 Reviewed In : 2025	Specification for dental mercury First Revision
24	IS 4799:1985 Reviewed In : 2025	Specification for dental casting gold alloys non - Porcelain bonding First Revision
25	IS 5954:1985 Reviewed In : 2025	Specification for dental white gold alloys First Revision
26	IS 6018:1993 Reviewed In : 2022	Platinum platinum rhodium catalyst gauzes - Specification First Revision
27	IS 6019:1993 Reviewed In : 2024	Platinum dish - Specification First Revision
28	IS 6170:2024	Platinum crucible and lid - Specification First Revision
29	IS 639:1982 Reviewed In : 2024	Sbecification for gold leaf Second Revision
30	IS 6882:1973 Reviewed In : 2024	Specification for platinum electrodes
31	IS 7225:1985 Reviewed In : 2025	Specification for dental cobalt - Chromium casting alloy First Revision
32	IS 7562:1974 Reviewed In : 2024	Specification for gold cladding
33	IS 8929:2023	HIGH PURITY GOLD WIRE FOR ELECTRICAL CONTACTS - SPECIFICATION