

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 : 1984 Reviewed In : 2021	Specification for silver palladium alloy wire and strip for electrical contacts	March, 2021	-	Indigenous
2	IS 11084 : 2023	SILVER PALLADIUM ALLOY WIRE AND STRIP FOR ELECTRICAL CONTACTS - SPECIFICATION (FIRST REVISION)		-	Indigenous
3	IS 11095 : 1984 Reviewed In : 2019	Specification for bi-metallic strip and bar with precious metal on phosphor bronze base for electrical contacts	September, 2019	-	Indigenous
4	IS 12144 : 1987 Reviewed In : 2019	Specification for fine silver wire for electrical contacts	September, 2019	-	Indigenous
5	IS 12714 : 1989 Reviewed In : 2021	Bimetallic tape for electrical contacts - Specification	March, 2021	-	Indigenous
6	IS 13600 : 1992 Reviewed In : 2020	Chemical analysis of silver palladium alloys	February, 2020	-	Indigenous
7	IS 1417 : 2016 Reviewed In : 2021 ISO 9202	Gold and gold alloys, jewellery/ artefacts - Fineness and marking - Specification (Fourth Revision)	March, 2021	1	Not Equivalent
8	IS 1418 : 2009 Reviewed In : 2019 ISO 11426	Determination of gold in gold bullion, gold alloys and gold jewellery/artefacts - Cupellation (Fire Assay) method (Third Revision)	September, 2019	-	Not Equivalent
9	IS 14741 : 2020 ISO 8654 : 2018 ISO 8654 : 2018	Jewellery Colours of gold alloys Definition range of colours and designation		-	Identical under dual numbering
10	IS 15329 : 2003 Reviewed In : 2019 ISO 9202	Platinum and platinum alloys, jewellery/ artefacts - Fineness and marking - Specification	September, 2019	-	Not Equivalent
11	IS 15766 (Part 1) : 2007 Reviewed In : 2022 ISO/AWI 24016-1	Grading of polished diamonds: Part 1 classification	March, 2022	1	Not Equivalent
12	IS 15766 (Part 2) : 2007	Grading of polished diamonds: Part 2 test methods	March, 2022	2	Not Equivalent

	Reviewed In : 2022 ISO/AWI 24016-2				
13	IS 15820 : 2024 ISO 9001	Establishment and Operation of Assaying and Hallmarking Centres – General Requirements (First Revision)		-	Not Equivalent
14	IS 15820 : 2009 Reviewed In : 2019 ISO 9001	General requirements for competence of assaying and hallmarking centre	September, 2019	3	Not Equivalent
15	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
16	IS 15893 : 2011 ISO 10713:1992 Reviewed In : 2020 ISO 10713:1992	Jewellery - Gold alloy coatings	February, 2020	-	Identical under dual numbering
17	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
18	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
19	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
20	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
21	IS 17278 : 2019 Reviewed In : 2023	Refined Gold and Silver Bars for Good Delivery – Specification	December, 2023	-	Indigenous
22	IS 18458 : 2023 ISO 23345 : 2021	JEWELLERY AND PRECIOUS METALS - ED-XRF TEST - METHOD OF TEST		-	Not Equivalent
23	IS 1953 : 1973 Reviewed In : 2020	Methods of chemical analysis of silver anodes (First Revision)	February, 2020	-	Indigenous
24	IS 2112 : 2014 Reviewed In : 2019 ISO 9202	Silver and silver alloys, jewellery/ artefacts - Fineness and marking - Specification (Third Revision)	September, 2019	2	Not Equivalent
25	IS 2113 : 2014 Reviewed In : 2019 ISO 11427 & ISO 13756	Assaying silver in silver and silver alloys - Methods (Third Revision)	September, 2019	1	Not Equivalent
26	IS 2270 : 1965 Reviewed In : 2020	Methods for assaying of platinum and platinum alloys	February, 2020	-	Indigenous
27	IS 2270 : 2024	Assaying of Platinum and Platinum Alloys – Methods (First Revision)		-	Indigenous
28	IS 2271 : 1967 Reviewed In : 2020	Recommended method for spectrographic analysis of platinum	February, 2020	-	Indigenous
29	IS 2275 : 1984 Reviewed In : 2020	Grades of platinum (First Revision)	February, 2020	-	Indigenous
30	IS 2279 : 1980 Reviewed In : 2019	Specification for fine silver bar, sheet, wire, granules and token	September, 2019	-	Indigenous

		(First Revision)			
31	IS 2767 : 1984 Reviewed In : 2020	Specification for gold thread (Silver Base) (First Revision)	February, 2020	-	Indigenous
32	IS 2790 : 1999 Reviewed In : 2020	Guidelines for manufacture of 23,22,21,18,14 and 9 carat gold alloys (Second Revision)	February, 2020	-	Indigenous
33	IS B2790 : 1999 Reviewed In : 2020	Guidelines for Manufacture of 23, 22, 21, 18, 14 and 9 Carat Gold Alloys(Bi-lingual)	February, 2020	-	
34	IS 3088 : 2024	Assaying of fine grade palladium -Method (First Revision)		-	Indigenous
35	IS 3088 : 1967 Reviewed In : 2020	Method for assaying of fine grade palladium	February, 2020	-	Indigenous
36	IS 3095 : 1999 Reviewed In : 2020 ISO/ DIS 227864	Gold solders for use in manufacture of jewellery specification (Second Revision)	February, 2020	1	Not Equivalent
37	IS 3096 : 1965 Reviewed In : 2020	Specification for fine grade palladium	February, 2020	-	Indigenous
38	IS 3111 : 1984 Reviewed In : 2020	Specification for silver thread (First Revision)	February, 2020	-	Indigenous
39	IS 3112 : 1984 Reviewed In : 2020	Specification for gold and silver embroidery material (First Revision)	February, 2020	-	Indigenous
40	IS 3571 : 1985 Reviewed In : 2020	Specification for dental gold solders (First Revision)	February, 2020	-	Indigenous
41	IS 3578 : 1985 Reviewed In : 2020	Specification for dental gold alloy wire (First Revision)	February, 2020	-	Indigenous
42	IS 3610 : 1985 Reviewed In : 2020	Specification for dental gold foil (First Revision)	February, 2020	-	Indigenous
43	IS 4134 : 1967 Reviewed In : 2020	Recommended colour classification of rough diamond	February, 2020	-	Indigenous
44	IS 4703 : 1968 Reviewed In : 2020	Methods of chemical analysis of silver - Manganese brazing alloys	February, 2020	-	Indigenous
45	IS 4704 : 1985 Reviewed In : 2020	Specification for silver-tin dental amalgam alloy (First Revision)	February, 2020	1	Indigenous
46	IS 4705 : 1985 Reviewed In : 2020	Specification for dental mercury (First Revision)	February, 2020	-	Indigenous
47	IS 4799 : 1985 Reviewed In : 2020	Specification for dental casting gold alloys, non - Porcelain bonding (First Revision)	February, 2020	-	Indigenous
48	IS 5954 : 1985 Reviewed In : 2020	Specification for dental white gold alloys (First Revision)	February, 2020	-	Indigenous
49	IS 6018 : 1993 Reviewed In : 2022	Platinum, platinum rhodium catalyst gauzes - Specification (First Revision)	March, 2022	-	Indigenous
50	IS 6019 : 1993 Reviewed In : 2019	Platinum dish - Specification (First Revision)	September, 2019	-	Indigenous
51	IS 6170 : 2024	Platinum crucible and lid - Specification (First Revision)		-	Indigenous
52	IS 639 : 1982 Reviewed In : 2019	Specification for gold leaf (Second Revision)	September, 2019	-	Indigenous
53	IS 6683 : 1998 Reviewed In : 2019	Diameters of wires for platinum group metals and their alloys	September, 2019	-	Indigenous
54	IS 6882 : 1973 Reviewed In : 2019	Specification for platinum electrodes	September, 2019	-	Indigenous
55	IS 6889 : 2000 Reviewed In : 2019	Chemical analysis of silver - Tin dental amalgam alloy - Method (First Revision)	September, 2019	-	Indigenous
56	IS 6890 (Part 1) :	Chemical analysis of gold alloys	September, 2019	-	Indigenous

	1989 Reviewed In : 2019	dental: Part 1 determination of gold, silver, palladium and platinum (First Revision)			
57	IS 6890 (Part 2) : 1975 Reviewed In : 2019	Methods for chemical analysis of dental gold alloys: Part 2 determination of nickel and zinc	September, 2019	-	Indigenous
58	IS 7225 : 1985 Reviewed In : 2020	Specification for dental cobalt - Chromium casting alloy (First Revision)	February, 2020	-	Indigenous
59	IS 7255 (Part 1) : 1974 Reviewed In : 2019	Methods of chemical analysis of solders for use in goldware: Part 1 determination of gold, silver and copper	September, 2019	-	Indigenous
60	IS 7255 (Part 2) : 1977 Reviewed In : 2019	Methods of chemical analysis of solders for use in goldware: Part 2 determination of cadmium and zinc by polarographic method	September, 2019	-	Indigenous
61	IS 7562 : 1974 Reviewed In : 2019	Specification for gold cladding	September, 2019	1	Indigenous
62	IS 8858 : 1978 Reviewed In : 2020	Method for spectrographic analysis of fine silver ingot	February, 2020	-	Indigenous
63	IS 8929 : 1978 Reviewed In : 2019	SpeciffCation for high purity gold wire for electrical contacts	September, 2019	-	Indigenous
64	IS 8929 : 2023	HIGH PURITY GOLD WIRE FOR ELECTRICAL CONTACTS - SPECIFICATION		-	Indigenous
65	IS 9443 : 1980 Reviewed In : 2019	Guidelines for marking purity of silver on silver articles/ornaments	September, 2019	-	Indigenous
66	IS 964 : 2023	CHEMICAL ANALYSIS OF SILVER SOLDER - METHODS		-	Indigenous
67	IS 9925 : 2024	Determination of Gold and Silver in Gold and Silver Thread and Embroidery Materials - Method (First Revision)		-	Indigenous
68	IS 9925 : 1981 Reviewed In : 2019	Method for determination of gold and silver in gold and silver thread and embroidery materials	September, 2019	-	Indigenous

Standards under Development

Projects Approved

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

Preliminary Draft Standards

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

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	MTD 10 (26140)	Gold and gold alloys jewellery artefacts - Fineness and marking - Specification Fourth Revision Amendment - 2

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	MTD 10 (22136)	DETERMINATION OF GOLD CONTENT IN GOLD BULLION GOLD ALLOYS AND GOLD JEWELLERY ARTEFACTS BY CUPELLATION FIRE ASSAY METHOD
2	MTD 10 (23489)	SILVER AND SILVER ALLOYS JEWELLERY ARTEFACTS FINENESS AND MARKING SPECIFICATION

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
1	MTD 10 (05190)	Determination of Gold in Gold Bullion Gold Alloys and Gold Jewellery Artefacts - Cupellation Fire Assay Method Amendment - 3
2	MTD 10 (23428) Revision of: IS 3095:1999	Gold solders for use in manufacture of jewellery specification Third Revision

Finalized Draft Indian Standards under Print

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

Total Published Standards:61 Total Standards Under development:5

Aspect Wise Report

Product : 33
Code of Practices : 3
Methods of Test : 23
Terminology : 1
Dimensions : 1
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 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 : 2019	Specification for bi-metallic strip and bar with precious metal on phosphor bronze base for electrical contacts
3	IS 12144 : 1987 Reviewed In : 2019	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 : 2019 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 : 2020 ISO 10713:1992	Jewellery - Gold alloy coatings
9	IS 17278 : 2019 Reviewed In : 2023	Refined Gold and Silver Bars for Good Delivery Specification
10	IS 2112 : 2014 Reviewed In : 2019 ISO 9202	Silver and silver alloys jewellery artefacts - Fineness and marking - Specification Third Revision
11	IS 2275 : 1984 Reviewed In : 2020	Grades of platinum First Revision
12	IS 2279 : 1980 Reviewed In : 2019	Specification for fine silver bar sheet wire granules and token First Revision
13	IS 2767 : 1984 Reviewed In : 2020	Specification for gold thread Silver Base First Revision
14	IS 3095 : 1999 Reviewed In : 2020 ISO/ DIS 227864	Gold solders for use in manufacture of jewellery specification Second Revision
15	IS 3096 : 1965 Reviewed In : 2020	Specification for fine grade palladium
16	IS 3111 : 1984 Reviewed In : 2020	Specification for silver thread First Revision
17	IS 3112 : 1984 Reviewed In : 2020	Specification for gold and silver embroidery material First Revision
18	IS 3571 : 1985 Reviewed In : 2020	Specification for dental gold solders First Revision
19	IS 3578 : 1985 Reviewed In : 2020	Specification for dental gold alloy wire First Revision
20	IS 3610 : 1985 Reviewed In : 2020	Specification for dental gold foil First Revision
21	IS 4134 : 1967 Reviewed In : 2020	Recommended colour classification of rough diamond
22	IS 4704 : 1985 Reviewed In : 2020	Specification for silver-tin dental amalgam alloy First Revision
23	IS 4705 : 1985 Reviewed In : 2020	Specification for dental mercury First Revision
24	IS 4799 : 1985 Reviewed In : 2020	Specification for dental casting gold alloys non - Porcelain bonding First Revision
25	IS 5954 : 1985 Reviewed In : 2020	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 : 2019	Platinum dish - Specification First Revision
28	IS 6170 : 2024	Platinum crucible and lid - Specification First Revision
29	IS 639 : 1982 Reviewed In : 2019	Specification for gold leaf Second Revision

30	IS 6882 : 1973 Reviewed In : 2019	Specification for platinum electrodes
31	IS 7225 : 1985 Reviewed In : 2020	Specification for dental cobalt - Chromium casting alloy First Revision
32	IS 7562 : 1974 Reviewed In : 2019	Specification for gold cladding
33	IS 8929 : 2023	HIGH PURITY GOLD WIRE FOR ELECTRICAL CONTACTS - SPECIFICATION