



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

**BUREAU OF INDIAN STANDARDS**

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

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## Review Document

### Basic Details

1.	Sectional Committee No. & Title:	MTD 10 - Precious Metals Sectional Committee
2.	IS No :	IS 3096 : 1965
3.	Title :	Specification for fine grade palladium
4.	Date of Previous Review:	February, 2020

### Review Analysis

#### 5.1 Status of standard(s), if any from which assistance had been drawn in the formulation of this IS.

S.No.	Standard (No.)	Standard (Title)	Whether the standard has since been revised	Major changes	Action proposed
No entry made in this table					

#### 5.2 Status of standard referred in the IS.

S.No.	Referred standards (No.)	Referred standards (Title)	Since revised IS no. of the corresponding IS	Changes in the referred Standards since last review of IS	Changes in the referred standard which are affecting the standard under review	Action proposed
1	IS 3088	Method for assaying of fine grade palladium	Nil	NA	NA	None

#### 5.3 Any other standards available related to the subject & scope of the standard being reviewed (International/regional/other national/association/consortia, etc or of new or revision of existing Indian Standard).

S.No.	Standard (No.)	Standard (Title)	Provisions that could be relevant while reviewing the IS	Action proposed
1	ISO 9202:2019	Jewellery and Precious metals- Fineness of precious metal alloys	Range of fineness under clause 5 and Analytical methods for determining fineness	Comments enclosed under cl.5.5
2	IS 16901:2022/ISO 15093:2020	Jewellery and precious metals determination of high purity gold platinum and palladium	Method of assaying of palladium	Comments enclosed under cl.5.5
3	ASTM B589-94(RA 2021)	Standard Specification for Refined Palladium	Chemical composition as per cl.4 and Method of analysis as per cl.6	Comments enclosed under cl.5.5

**5.4 Technical comments on the standard received, if any.**

S.No.	Source	Clause of IS	Comment	Action proposed
No entry made in this table				

**5.5 Information available on relevant technical developments**

S.No.	Source	Development	Relevant clause of the IS under review that is likely to be impacted (Clause & IS No.)	Action proposed
1	Research Papers	1.As per ISO 9202:2019 -Jewellery and Precious metals- Fineness of precious metal alloys and ASTM B589-94(RA2021)-Standard Specification for Refined Palladium- Chemical composition of fine grade palladium is indicated with available test method for analysis	Clause 2.Purity	The proposed changes with justification is enclosed.The committee may consider for review
2	Research Papers	2.IS 16901:2022/ISO 15093:2020 - Jewellery and precious metals determination of high purity gold platinum and palladium - This standard describes the method of analysis of Palladium having fineness above 999 (parts per thousand) using ICP-OES .	Clause 4.Assaying	The proposed changes with justification is enclosed.The committee may consider for review

**5.6 Issues arising out of changes in any related IS or due to formulation of new Indian Standard.**

S.No.	Related IS (revised or new)	Related IS Title	Provision in the IS under review that would be impacted & the clause no. or addition of new clause/provision	Changes that may be necessary in the Standards under review	Action proposed
No entry made in this table					

**5.7 Any consequential changes to be considered in other IS.**

S.No.	Related IS to get impacted	Related IS Title	Requirements to be impacted
No entry made in this table			

**Other Details**

6.	Any other observation:	The methods specified in the Indian Standard is reviewed along with the International Standards like ISO standards and available Indian standards. Based on above standards, few changes were found in the existing ISs grades related and other parameters. Hence to streamline the existing ISs with the latest modifications as per ISO and Indian standards, new proposals are placed in the enclosed document.
7.	Upload Supporting Document(s)	

7.1 ARP Report	<a href="#">70_9669_231201025211_ARP_Report.pdf</a>
7.2 Draft Document	<a href="#">70_9669_231201025211_Draft_Document.pdf</a>

8.	Recommendations - On the basis of the analysis of the info available as mentioned above consideration of sectional committee is solicited on the following aspects of the IS under review:	<p>Considering the technical justifications provided against the proposals for new grades in line with international standards and available other similar Indian Standards, the committee may consider taking up the revision of Indian standard please.</p>
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