



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 25 - Powder Metallurgical materials and Products Sectional Committee
2.	IS No :	IS 7970 : 1987
3.	Title :	Specification for tantalum powder for capacitors (First Revision)
4.	Date of Previous Review:	November, 2018

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
1	nil	Nil	nil	Nil	nil

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 1387 : 1967	General requirements for the supply of metallurgical materials (First Revision)	This standard was first published in 1959 and revised in 1967 and the latest version is IS 1387 : 1993	it has been a general practice to make reference to this standard in the material specifications where the provision of this standard would be applicable. This practice has considerably simplified the presentation of specifications for metals and metal products.	NA	Update in the reference clause
2	IS 5461 : 1984	Sieve analysis of metal powders - Method (first revision)	This standard was first published in 1969 and subsequently revise in 1984 and the latest version of this standard is IS 5461 : 2023	This standard was originally published in 1969 and subsequently revised in 1984. The second revision of this standard has been undertaken to align with the latest version ISO 4497: 2020 to harmonize it with the latest developments that have taken place at international level.	NA	update in the reference clause.
3	IS 6492 : 1972	Method for sieve analysis of metal powders (first revision)	This standard was first published in 1972 The present revision has been brought out the align it with ISO 3954 : 2007 by adoption, under dual numbering system. latest version IS 6492 : 2020	This standard was first published in 1972 The present revision has been brought out the align it with ISO 3954 : 2007 by adoption, under dual numbering system	NA	update in the reference clause.
4	IS 7512 : 1974	Method for the determination of average particle size of metal powders by fisher sub-sieve sizer (first revision)	This standard was first published in 1974 and latest version of this standard is IS 7512 : 2006	While reviewing this standard in the light of experience gained during these years, the Committee decided to revise it to bring it in line with the present practices followed in determination of average particle size of metal powders by Fisher sub-sieve sizer.	NA	update in the reference clause.
5	IS 11627 : 1986	Determination of apparent density of metallic powders by scott volumeter - Method	This standard was first published in 1986. This revision has been brought out to bring the standard in the latest style and format of the Indian Standards. Latest version of this standard is IS 11627 : 2023	This standard was first published in 1986. This revision has been brought out to bring the standard in the latest style and format of the Indian Standards.	NA	update in the reference clause.

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
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No entry made in this table

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
No entry made in this table				

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:	This standard was first published in 1979 and subsequently revised in 1987. This revision has been brought out to bring the standard in the latest style and format of the Indian Standards. It also incorporates 1 amendments issued to the last version of the standard. In addition, the following modification have been made: a) Reference clause has added; b) Manufacturing clause has been added; c) Editorial changes were made in the clause 4 and Table 1; d) Packing clause has been modified to bring clarity; and e) Marking clause is updated.
7.	Upload Supporting Document(s)	
7.1 ARP Report		70_15019_231011023025_ARP_Report.docx
7.2 Draft Document		No Document Uploaded
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:	This standard was first published in 1979 and subsequently revised in 1987. This revision has been brought out to bring the standard in the latest style and format of the Indian Standards. It also incorporates 1 amendments issued to the last version of the standard. In addition, the following modification have been made: a) Reference clause has added; b) Manufacturing clause has been added; c) Editorial changes were made in the clause 4 and Table 1; d) Packing clause has been modified to bring clarity; and e) Marking clause is updated.