



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 9 - Ores and Feed Stock for Non-Ferrous (Excluding Aluminium and Copper) Industry, their Metals/ Alloys and Products Sectional Committee
2.	IS No :	IS 13923 : 1993
3.	Title :	Lead seal - Specification
4.	Date of Previous Review:	March, 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	IRSS No. 214-71	Indian railways standard specification for lead sealing	new version Not available	NA	NA
2	ISD Standard specification No. G/Misc-32 E	Lead seals circular type for general purposes, issued by Ministry of industries and supply, directorate general of industries and supply	new version Not available	NA	NA

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 27 : 1992	Pig lead Specification (fourth revision)	Not revised since	2 amendmemnts were issued since 1992 and 99.94 garde lead was removed and replaced by 99.97 purity lead. Also the 99.99 grade lead was modified in chemical composition in line with international practices.	Clause 5 for chemical composition of IS 13923 will be affected but overall the standard wont get affected.	No changes in the existing clause of chemeical composition
2	IS 1387 :1993	General requirements for the supply of metallurgical materials (second revision)	Not revised since	NIL	NIL	NIL
3	IS 8439 : 1977	Methods of sampling lead and lead alloys	Not revised since	NIL	NIL	NIL
4	IS 3717 : 1977	Specification for refined secondary lead (First Revision)	Not revised since	2 Amedments have been issued so far one in 2011 and one in 2021. The garde 99.97 was modified in 2011 in which more impurity element specs were added and later in the 2nd amendment 99.98 grade which is MCX grade was added as proposed by Gravitas and MCX	Clause 5for chemical composition of IS 13923 will be affected but overall the standard wont get affected.	No changes in the existing clause of chemeical composition

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
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:	Chemical composition clause to be modified , which calls for the as mutually agreed method for determination of elements in referee method in case the wet referee method IS 403 is not able to determine the composition of such elements
7.	Upload Supporting Document(s)	
7.1 ARP Report		70_5727_221017110352_ARP_Report.docx
7.2 Draft Document		70_5727_221017110401_Draft_Document.docx
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:	It is being recommended to revise the standard editorially based on the above recommendations.