



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 2258 : 1981
3.	Title :	Specification for rolled zinc plate, sheet and strip (Second Revision)
4.	Date of Previous Review:	March, 2021

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	None	None	None	None	None

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	IS 1387:1967 General requirements for the supply of metallurgical materials (First Revision)	IS 1387:1993	None	None	Revised IS may be incorporated
2	IS 406:1964	(Methods of chemical analysis of slab zinc (Spelter) (Revised)	IS 406:1964		Chemical composition range mentioned for IS 209-1956	Linkage of IS 2258 can be included

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
1	Committee Member	In Grade-2, Soldered battery can (of Zinc) application is mentioned, which is outdated and currently not being used for manufacturing of any standard sized dry cell batteries.	3.1	The point can be rewritten as "Grade 2 – Used for the weather strips and some drawn applications."
2	Committee Member	ASTM B69 -08 (Table-1 Alloy Z21721)ASTM B69 -08 (Table-1 Alloy Z21721) : Lead composition in Grade 3 Rolled Zinc (0.80 – 1.00) – Keeping the lower limit fixed at 0.8 doesn't help as the majority of the dry cell manufacturer makes battery cans even at lesser range. Hence the composition can be kept as 1.00 max.	6.1	Lead composition can be kept as 1.00 percentmax.

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:	a) Requirement of testing of chemical requirement with any instrumental method as agreed between purchaser and Mnufacturer. b) The last line of cl 7.3 may be amended as "withstand being doubled over with an included radius equal to twice the thickness of the sheet/ strip" c) Requirement of hardness test may be incorporated d)Reference of IS 1599:2019 (Metallic Materials - Bend Test) can be provided under clause 7.0 e)Additional reference of IS 2600 (Part-1): 1988 (Chemical analysis of Zinc and Zinc base alloys for die castings) by Spectrophotometric method and IS 2600 (Part-2): 1988 (Chemical analysis of Zinc and Zinc base alloys for die castings) by Atomic Absorption Spectrophotometric method under the clause 6.1.
7.	Upload Supporting Document(s)	

7.1 ARP Report	70_2201111641885667_ARP_Report.doc	
7.2 Draft Document	70_2201011641049029_Draft_Document.pdf	
8.	<p>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>	<p>The subject standard can be revised / amended based on aforesaid information.</p>