



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:	PCD 27 - Methods of Sampling and Test for Plastics
2.	IS No :	IS 9591 : 1996
3.	Title :	Plasticizer esters - Methods of sampling and tests (First Revision)
4.	Date of Previous Review:	February, 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	ISO 2211 : 1973(E)	Liquid chemical products - Measurement of colour in hazen units (platinum - Cobalt scale).	Nil	Nil	Nil
2	BS 4835 : 1973	Methods of test for plasticizer esters	BS 4835 : 2021 Method of Test for Plasticizer Esters		
3	ISO 2524 : 1974 (E)	Adipate esters for industrial use - Measurement of colour after heat treatment	WITHDRAWN		
4	ISO 2525 : 1974 (E)	Adipate esters for industrial use - Determination of acidity to phenolphthalein - Volumetric method	Withdrawn		
5	ISO 2526 : 1974(E)	Adipate esters for industrial use - Determination of ash - Gravimetric method.	Withdrawn		
6	ISO 2527 : 1974 (E)	Adipate esters for industrial use - Determination of ester content - Volumetric method	Withdrawn		

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 265 : 1993	Hydrochloric acid (Fourth Revision)	IS 265 : 2021 HYDROCHLORIC ACID SPECIFICATION Fifth Revision	Food grade of hydrochloric acid has been introduced. Road tankers have been included; screw capped stone ware bottles have been deleted in packing clause. Sulphates (as H ₂ SO ₄) percent by mass, the factor has been corrected as 42.06 instead of 42.02; silica dish has been included along with platinum dish for testing residue on ignition.	Nil	Nil
2	IS 4905 : 1968	Methods for random sampling	IS 4905 : 2015 Random Sampling and Randomization Procedures (First Revision)	standard has now been revised to harmonize with ISO 24153 : 2009 by adoption under dual numbering system	Nil	Nil
3	IS 323 : 1959	Rectified spirit (revised)	IS 323 : 2009 Rectified spirit for industrial use - Specification (Second Revision)	In this standard, grade relevant for pharmaceutical, medicinal and production of alcoholic beverages has been deleted; GC method has been included for determination of ethanol, methyl alcohol, n-propanol and iso-amyl alcohol; Instrumental methods have been included for determination of specific gravity as an alternative to specific gravity bottle method in this standard	Nil	Nil
4	IS 1070 : 1992	Reagent grade water by the Karl Fischer Method (first revision)			Nil	Nil
5	IS 2362 : 1973	Determination of water by the karl fischer method (first revision)	IS 2362 : 1993 Determination of water by karl fischer method - Test method (Second Revision)	revision has been undertaken to update the standard incorporating latest analytical techniques developed in this field	Nil	Nil
6	IS 2828 : 1964	Glossary of terms used in the plastics industries	Plastics Vocabulary (Second Revision)	Assigning unique ID for each term; Inclusion of new terms, and Definitions and notes (where applicable)	Nil	Nil
7	IS 4825 : 1982	Specification for liquid-in-glass solidstem reference thermometers (first revision)	Nil	Nil	Nil	Nil

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:

7. Upload Supporting Document(s)

7.1 ARP Report	69_16993_220907114854_ARP_Report.pdf
7.2 Draft Document	69_16993_220907114903_Draft_Document.pdf

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:

The Committee in its last meeting has decided to revise the standard by updating the cross referred standards.