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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 13360 : Part 6 : Sec 21 : 2004
3.	Title :	Plastics - Methods of testing: Part 6 thermal properties section 21 determination of ignition temperature using a hot - Air furnace
4.	Date of Previous Review:	July, 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	ISO 291	Plastics â Standard atmospheres for conditioning and testing.	Nil	Nil	Nil	Nil
2	lSO/lEC Guide 52:1980,	Glossary of fire terms and definitions.	ISO 13943:2017 Fire safety â Vocabulary	standard has been technically revised	Nil	Nil
3	IEC 584-2:1982	Thermocouples â Part 2: Tolerances.	IEC-60584-1, Thermocouples - Part 1: EMF specifications and tolerances	IEC 60584-1:1995 and IEC 60584-2:1982 have been merged; - the standard is now explicitly based on the reference polynomials which express thermocouple EMF as functions of temperature. The tables derived from the polynomials are given in Annex A; - inverse polynomials expressing temperature as functions of EMF are given in Annex B, but inverse tables are not given; - the range of the polynomial relating the EMF of Type K thermocouples is restricted to 1 300 Â°C; - values of the Seebeck coefficients are given at intervals of 10 Â°C; - thermoelectric data (EMF and Seebeck coefficients) are given at the fixed points of the ITS-90; - some guidance is given in Annex C regarding the upper temperature limits and environmental conditions of use for each thermocouple type.	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_4950_220907122907_ARP_Report.pdf
7.2 Draft Document	69_4950_220907122924_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 align the standard with the latest version of ISO.