



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:	MED 7 - Earth Moving Equipment and Material Handling
2.	IS No :	IS/ISO 10265 : 2008
3.	Title :	Earth - Moving machinery - Crawler machines - Performance requirements and test procedures for braking systems
4.	Date of Previous Review:	March, 2022

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 10265 : 2008	Earth - Moving machinery - Crawler machines - Performance requirements and test procedures for braking systems. Issued by International Organization for Standardization.	No revision	No change	The adopted ISO remains current.

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/ISO 9248 : 1992	Earth-moving machinery ½ Units for dimension	No Revision	No change	The current version of the referred standard is incorporated in the current IS	The reference standard remains current.
2	ISO 6014 : 1986	Earth-moving machinery ½ Determination of ground speed	No Revision	No change	The current version of the referred standard is incorporated in the current IS	The referred standard remains current.
3	ISO 6016 : 1998	Earth-moving machinery ½ Methods of measuring the masses of whole machines, their equipment and components	Revised in 2008	Terminology such as gross machinery mass and ballast etc. has been added with the revision of the IS.	The current version of the referred standard needs to be incorporated in the current IS	Update with revised standard.
4	ISO 10266 : 1992	Earth-moving machinery ½ Determination of slope limits for machine fluid systems operation ½ Static test method	No Revision	No change	The current version of the referred standard is incorporated in the current IS	The referred standard remains current.
5	ISO 10968 : 2004	Earth-moving machinery ½ Operator½s controls	Revised in 2020	Terminology such as single lever control, two-axis multifunction control, single pedal control etc. has been added with the revision of the ISO. Illustrative diagrams for earth moving machinery has also been added with the revision.	The current version of the referred standard needs to be incorporated in the current IS	Update with revised standard.
6	ISO 15998 : 2008	Earth-moving machinery ½ Machine-control systems (MCS) using electronic	-	Withdrawn	The current version of the referred standard is incorporated in the current IS	Committee may be decide

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
1	AS ISO 10265:2020	Earth - Moving machinery - Crawler machines - Performance requirements and test procedures for braking systems. Issued by Standards Australia	The given standard is the adopted version of the ISO as mentioned in clause 5(i) of the review performa.	No change required.
2	ISO 9248 : 1992	Earth moving machinery ½ Units for dimensions, performance and capacities and their measurement accuracies	This standard was last reviewed and confirmed in 2019. Therefore, this version remains current.	No change required.

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
1	IS 14700 : Part 4 : Sec 1-2019	Electromagnetic compatibility (EMC): Part 4 testing and measurement techniques: Sec 1 overview of the IEC 61000 - 4 series (Second Revision)	Not found
2	IS 16479 -2020	Performance Requirements and Test Procedures of Braking Systems for Wheeled or High-Speed Rubber Tracked Earth Moving Machines and Construction Equipment Vehicles (First Revision)	Clause 1- Scope
3	IS/ISO 10968-2020	Earth-Moving Machinery - Operator's Controls (First Revision)	Clause 6 Control actuating force
4	IS/ISO 21873 : Part 2-2019	Building Construction Machinery and Equipment Mobile Crushers Part 2 Safety Requirements and Verification (First Revision)	Clause 4.6 Steering system
5	IS 294-2018	Single superphosphate - Specification (Third Revision)	No reference found.

Other Details	
6.	Any other observation: -
7.	Upload Supporting Document(s)
7.1 ARP Report	68_21664_221028023937_ARP_Report.docx
7.2 Draft Document	68_21664_221028033624_Draft_Document.docx
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> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>Base standard is 10265 : 2008. As ISO standard has not been revised, so IS/ISO 10265 retains in the same.</p> </div>