



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/ISO3471 : 2008
3.	Title :	Earth-Moving Machinery - Roll-Over Protective Structures-Laboratory Tests and Performance Requirements
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 3471:2008	Earth-Moving Machinery - Roll-Over Protective Structures-Laboratory Tests and Performance Requirements. Issued by International Organization for Standardization	No revision	No change	The adopted ISO remains current. No change required.

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 1757 : 1988	Method for Charpy impact test (V notch) for metallic material	Fourth revision in 2020	Subdivided into three parts- IS 1757 Part 1 : 2020 IS 1757 Part 2 : 2020 IS 1757 Part 3 : 2020	The current version of the referred standard needs to be incorporated in the current IS	IS 1757 Part 1 : 2020 can be referred in place of IS 1757:1988
2	IS 1367 : Part 3 : 2017	Technical supply conditions for threaded steel fasteners: Part 3 mechanical properties of fasteners made of carbon steel and bolts, screws and studs	(Fifth Revision)	The reference standard has adopted the provisions of $\dot{i}_c/2$ ISO 898-1 : 2013	The current version of the referred standard needs to be incorporated in the current IS	Update with revised standard
3	IS 1367 (Part 6) : 1994	Technical supply conditions for threaded steel fasteners: Part 6 Mechanical properties and test methods for nuts with specified proof loads	(Third revision)	The reference standard has adopted the provisions of $\dot{i}_c/2$ ISO 898-2 : 2012	The current version of the referred standard needs to be incorporated in the current IS	Update with revised standard
4	IS 13768 : 1999	Earth-moving machinery $\dot{i}_c/2$ Laboratory evaluations of protective structure $\dot{i}_c/2$ Specifications for deflection-limiting volume	(Second Revision) in 2016	The reference standard has adopted the provisions of $\dot{i}_c/2$ ISO 3164 : 2013	The current version of the referred standard needs to be incorporated in the current IS	Update with revised standard
5	IS 11113 : 1999	Earth-moving machinery, and tractors and machinery for agriculture and forestry $\dot{i}_c/2$ Seat index point	(Second revision)	The reference standard has adopted the provisions of $\dot{i}_c/2$ ISO 5353: 1995	The current version of the referred standard needs to be incorporated in the current IS	Update with revised standard
6	IS/ISO 6165 : 2006	Earth-moving machinery $\dot{i}_c/2$ Basic types $\dot{i}_c/2$ Identification and terms and definitions	Revised in 2012	Terminologies such as operating mass, base machine, attachment and equipment 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

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 3471:2020	Earth-moving machinery - Roll-over protective structures - Laboratory tests and performance requirements. 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.

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:	a) References can be updated with revision of the IS. b) The adopted ISO remains current, hence the given IS/ISO can be re-affirmed.
7.	Upload Supporting Document(s)	
7.1 ARP Report		68_164024270196_ARP_Report.docx
7.2 Draft Document		No Document Uploaded
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 base standard remain in its present form.