



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

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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 12508 : 1994
3.	Title :	Earth - Moving machinery - Operator station and maintenance areas - Bluntness of edges
4.	Date of Previous Review:	Not Review

### 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 12508:1994	Earth-moving machinery अणु Operator station and maintenance areas अणु Bluntness of edges	1994	NO CHANGES	Committee may be decide.

#### 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	-	-	-	-	-	-

#### 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	IEC 60068-2-27	Basic environmental testing procedures Part 2: Tests अणु Test Ea and guidance: Shock	Applies to components, equipment and other electrotechnical products which, during transportation or in use, may be subjected to relatively infrequent non-repetitive shocks. Provides a procedure for determining the ability of a specimen to withstand specified severities of shock. Has the status of a basic safety publication in accordance with IEC Guide 104. Status : Withdrawn Publication date : 1987-06-15	Committee may be decide.
2	ISO 7637-2:2011	Road vehicles अणु Electrical disturbances from conduction and coupling अणु Part 2: Electrical transient conduction along supply lines only	ISO 7637-2:2011 specifies test methods and procedures to ensure the compatibility to conducted electrical transients of equipment installed on passenger cars and commercial vehicles fitted with 12 V or 24 V electrical systems. It describes bench tests for both the injection and measurement of transients. It is applicable to all types of road vehicles independent of the propulsion system (e.g. spark ignition or diesel engine, electric motor).Function performance status classification for immunity to transients is also provided. Status : Published Publication date : 2011-03	Committee may be decide.
3	ISO 7637-3:2007	Road vehicles अणु Electrical disturbances from conduction and coupling अणु Part 3: Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines	ISO 7637-3:2007 establishes a bench top test for the evaluation of the immunity of devices under test (DUTs) to transient transmission by coupling via lines other than supply lines. The test transient pulses simulate both fast and slow transient disturbances, such as those caused by the switching of inductive loads and relay contact bounce. Three test methods are described in ISO 7637-3:2007: अणु The capacitive coupling clamp (CCC) method; अणु The direct capacitive coupling (DCC) method; and अणु The inductive coupling clamp (ICC) method. Status : Withdrawn Publication date : 2007-07	Committee may be decide.

**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	General	Heavy equipment ( <a href="https://en.wikipedia.org/wiki/Heavyequipment">https://en.wikipedia.org/wiki/Heavyequipment</a> )	IS/ISO 12508	Committee may be decide.
2	General	ISO 12508:1994 ( <a href="https://www.iso.org/standard/20776.html#:text=Defines20the20permissible20limits20of,moving20machinery20and20performing20maintenance">https://www.iso.org/standard/20776.html#:text=Defines20the20permissible20limits20of,moving20machinery20and20performing20maintenance</a> )	IS/ISO 12508	Committee may be decide.
3	General	ISO 7637-2:2011 ( <a href="https://www.iso.org/standard/50925.html">https://www.iso.org/standard/50925.html</a> )	IS/ISO 12508	Committee may be decide.
4	General	ISO 7637-3:2007 ( <a href="https://www.iso.org/standard/40581.html">https://www.iso.org/standard/40581.html</a> )	IS/ISO 12508	Committee may be decide.

**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 294-2018	Single superphosphate - Specification (Third Revision)	4 REQUIREMENTS
2	IS/ISO 21873 : Part 2-2019	Building Construction Machinery and Equipment ☐ Mobile Crushers Part 2 Safety Requirements and Verification ( First Revision )	4.3.4 Sharp edges 4.15.6 Sharp edges and acute angles

**Other Details**

6.	Any other observation:	<p>The assistance of ISO 12508:1994 ☐☐ Earth-moving machinery ☐☐ Operator station and maintenance areas ☐☐ Bluntness of edges☐☐, has been drawn in the formulation of this standard. Since the base standard i.e. ISO 12508:1994. The base standard (ISO 12508:1994) has already adopted by TED 11 (Automotive Electrical Equipment and Instruments Sectional Committee) in 2013. As the TED committee has already adopted ISO 12508:1994 as IS 12508 : 2013. So, This standard may be approved for withdrawn. ABSTRACT ISO 12508:1994 Earth-moving machinery ☐☐ Operator station and maintenance areas ☐☐ Bluntness of edges NOTE ☐☐ This stands was last reviewed and confirmed in 2021. Therefore this version remains current. Abstract Defines the permissible limits of the sharpness of edges and corners, so reduce the risk of injury to the operator or maintenance personnel while operating earth-moving machinery and performing maintenance. General information Status : Published Publication date : 1994-11 Edition : 1 Number of pages : 2 Technical Committee : ISO/TC 127/SC 2 Safety, ergonomics and general requirements ICS : 53.100 Earth-moving machinery</p>
7.	Upload Supporting Document(s)	

<b>7.1 ARP Report</b>	<a href="#">68_23153_221019043751_ARP_Report.docx</a>	
<b>7.2 Draft Document</b>	<b>No Document Uploaded</b>	
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 assistance of ISO 12508:1994 Earth-moving machinery Operator station and maintenance areas Bluntness of edges, has been drawn in the formulation of this standard. Since the base standard i.e. ISO 12508:1994. The base standard (ISO 12508:1994) has already adopted by TED 11 (Automotive Electrical Equipment and Instruments Sectional Committee) in 2013. As the TED committee has already adopted ISO 12508:1994 as IS 12508 : 2013. So, This standard may be approved for withdrawn.</p>