



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:	TED 2 - Automotive Primemovers, Transmission Systems and Internal Combustion Engine
2.	IS No :	IS 10652 : 2019
3.	Title :	Pedal assembly for moped - Specification (First Revision)
4.	Date of Previous Review:	July, 2016

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	IS 507: 1993	General purpose grease (third revision)	The referred standard has not been revised ever since			No action is proposed
2	IS 5517: 1993	Steels for hardening and tempering (second revision)	The referred standard has not been revised ever since			No action is proposed
3	IS 9766: 1992	Flexible PVC compounds (first revision)	The referred standard has not been revised ever since			No action is proposed
4	IS 513 (Part 2): 2016	Cold reduced carbon steel sheet and strip: Part 2 High tensile and multi-phase steel (sixth revision)	The referred standard has not been revised ever since			No action is proposed
5	IS 1068: 1993	Electroplated coatings of nickel plus chromium and copper plus nickel plus chromium (third revision)	The referred standard has not been revised ever since			No action is proposed
6	IS 1501 (Part 1): 2013/ ISO 6507-1: 2005	Metallic materials – Vickers hardness test: Part 1 Test method (fourth revision)	IS 1501 (Part 1): 2020 / ISO 6507-1: 2018 Metallic Materials – Vickers Hardness Test Part 1 Test Method (Fifth Revision) This Indian standard was originally published in 1959 and subsequently revised in 1968, 1984, 2002 and 2013. The fifth revision of this standard has been undertaken to align it with the latest version of ISO 6507-1: 2018. This Indian Standard is published in four parts. The other parts in this series are: Part 2 Verification and calibration of testing machines. Part 3 Calibration of reference blocks. Part 4 Tables of hardness values.		The major changes in this revision are as follows: a) Requirements for testing hard metals and other cemented carbides have been added; b) All references of indentation diagonals, c) Resolution requirements for the measuring system have been defined; d) The lower test force limit of the Vickers micro hardness test has been expanded to 0,009 807 N; e) Requirements for the periodic (weekly or daily) verifications of the testing machine are normative, and the maximum permissible bias value has been revised. Requirements for the maximum permissible error in measuring a reference indentation have been revised; f) Recommendations for inspection and monitoring of the indenter have been added; g) Requirements have been added for the approach velocity of the indenter prior to contact with the sample surface; h) The timing requirements for the test force application and the duration at maximum test force have been revised to indicate target time values; j) Figure 2, which illustrates the requirements for the minimum distance between indentations, has been added, but the requirements have not changed; k) Requirements have been added to the test report for reporting the test date and any hardness conversion method used; m) Annex D has been revised; and n) Annexes E, F and G have been added concerning Vickers hardness measurement traceability, the CCM Working group on hardness and adjustment of KÅhler illumination systems.	Reference may be changed accordingly.
7	IS 1573: 1986	Electroplated coatings of zinc on iron and steel (second revision)	The referred standard has not been revised ever since			No action is proposed
8	IS 2062: 2011	Hot rolled medium and high tensile structural steel (seventh revision)	The referred standard has not been revised ever since			No action is proposed
9	IS 2500 (Part 1): 2000/ ISO 2859-1: 1999	Sampling inspection procedures: Part 1 Attribute sampling plans indexed by acceptable quality limit (AQL) for lot-by-lot inspection (third revision)	The referred standard has not been revised ever since			No action is proposed
10	IS 2898: 1976	Specification for steel balls for rolling bearings (first revision)	IS 2898: 1976 has been splitted into two parts i.e. IS 2898 (Part 1): 2019 - Rolling Bearings – Balls Part 1 Steel Balls, and IS 2898 (Part 2) : 2019 - Rolling bearings -- Balls: Part 2 Ceramic balls.			Reference may be changed accordingly.
11	IS 3074: 2013	Steel tubes for automotive purposes (third revision)	The referred standard has not been revised ever since			No action is proposed
12	IS 513 (Part 1): 2016	Cold reduced carbon steel sheet and strip: Part 1 Cold forming and drawing purposes (sixth revision)	The referred standard has not been revised ever since			No action is proposed

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	67_1505_230720051039_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:	In view of the above the committee may consider reaffirming/revising the Indian Standard.
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