



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)

मानक भवन, 9 बहादुरशाह जफर मार्ग नई, दिल्ली-110002

**Manak Bhavan ,9 Bahadur Shah Zafar Marg, New Delhi-110002**

Phones: 23230131 / 23233375 / 23239402

Website: www.bis.org.in , www.bis.gov.in

## Review Document

### Basic Details

1.	Sectional Committee No. & Title:	TED 2 - Automotive Primemovers, Transmission Systems and Internal Combustion Engine
2.	IS No :	IS 10000 : Part 13 : 2002
3.	Title :	Methods of tests for internal combustion engines: Part 13 recommendations on nature of tests required for functional changes in critical components
4.	Date of Previous Review:	December, 2018

### 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 25: 1979	Antifriction bearing alloys (third revision)	The referred standard has not been revised ever since			No action is proposed
2	IS 810: 1991	Engine valves (second revision)	The referred standard has not been revised ever since			No action is proposed
3	IS 5791: 1986	Technical supply conditions for piston rings for internal combustion engines (second revision)	IS 5791 : 2006 ISO 6621-3: 2000 Internal combustion engines - Piston rings - Material specifications (Third Revision) This standard was first published in 1970 and subsequently revised in 1977 and then in 1986. The third revision was undertaken due to revision of base standard.		In this revision, the following technical changes have been incorporated: a) Table of Typical materials for piston rings had been modified. b) Hardness in terms of Vickers, Rockwell and Brinell is given for respective materials. c) Combinations of Typical modulus of elasticity and Bending strength is extended. d) Typical applications for respective categories have been provided.	Reference may be changed accordingly.
4	IS 6740: 1985	Gudgeon pins for internal combustion engines (first revision)	The referred standard has not been revised ever since			No action is proposed
5	IS 7494: 1981	Steel for valves for internal combustion engines (first 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)	

<b>7.1 ARP Report</b>	<a href="#">67_739_230912045707_ARP_Report.docx</a>
<b>7.2 Draft Document</b>	<a href="#">67_739_230912045707_Draft_Document.pdf</a>

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 above, it is recommended that IS 10000 (Part 13): 1980 may be revised incorporating the above mentioned changes and other changes as deemed fit by the committee.
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