



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 8422 : Part 8 : 1977
3.	Title :	Specification for piston rings for IC engines: Part 8 narrow land slotted oil control rings from 50 up to 200 mm nominal diameter D - Rings
4.	Date of Previous Review:	September, 2019

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	no such IS exist	NA	NA	NA	NA

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: 5791-1 977 INTERNAL COMBUSTION ENGINES α β γ PISTON RINGS α β γ α β γ MATERIAL S	INTERNAL COMBUSTION ENGINES α β γ PISTON RINGS α β γ MATERIAL SPECIFICATIONS	Yes revised 2 times in 1986 and in 2006. In 3 rd revision, ISO 6621-3:2000 has been adopted.	Supply condition is not referred to in the revised IS.	NA	Requirement of Tangential force which is applicable for A1 material may be removed from the IS under review. 1) Scope may be modified by deleting tangential force in the scope. 2) Note 3 in below table 1 may be deleted. THESE CHANGES MAY BE DONE IF SAME STANDARD IS REVISED AND IF ISO STANDARD IS ADOPTED THEN THESE ARE NOT REQUIRED.

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	ISO 6625:1986	Internal combustion engines Piston rings Oil control rings	This standard not available free of cost in internet	This ISO standards may be adopted as it is because as per visit in piston manufacturer plant, demand is for ISO standard

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	NA	NA	NA

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_15589_230715010941_ARP_Report.docx
7.2 Draft Document	67_15589_230715010958_Draft_Document.pdf

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:	<div style="border: 1px solid black; padding: 5px;"> <p>THEREFORE, IT IS RECOMMENDED THAT THIS STANDARDS MAY BE WITHDRAWN AND INTERNATIONAL STANDARD ISO 6621-5:2000 MAY BE ADOPTED FOR IS 5791.</p> </div>
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