



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:	TED 2 - Automotive Primemovers, Transmission Systems and Internal Combustion Engine
2.	IS No :	IS H10001 : 1981
3.	Title :	Specification for performance requirements for constant speed compression ignition (Diesel) engines for general purposes (Up To 20 Kw)
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 10000 (Part 1):1980	Method of tests for internal combustion engines :Part 1 Glossary of terms relating to test methods		No Change		Not Applicable
2	IS 10000 (Part 2):1980	Methods of tests for internal combustion engines: Part 2 Standard reference conditions		No Change		Not Applicable
3	IS 10000 (Part 4):1980	Methods of tests for internal combustion engines: Part 4 Declaration of power, efficiency, fuel consumption and lubricating oil consumption		No Change		Not Applicable
4	IS 10000 (Part 5):1980	Methods of tests for internal combustion engines: Part 5 Preparation for tests and measurements for wear		No Change		Not Applicable
5	IS 10000 (Part 6):1980	Methods of tests for internal combustion engines: Part 6 Recording of test results		No Change		Not Applicable
6	IS 10000 (Part 7):1980	Methods of tests for internal combustion engines: Part 7 Governing tests for constant speed engines and selection of engines for use with electrical generators		No Change		Not Applicable
7	IS 10000 (Part 8):1980	Methods of tests for internal combustion engines: Part 8 Performance tests		No Change		Not Applicable
8	IS 10000 (Part 9):1980	Methods of tests for internal combustion engines :Part 9 Endurance tests		No Change		Not Applicable
9	IS 10000 (Part 11):1980	Methods of tests for internal combustion engines: Part 11 Information to be supplied by the purchaser to the manufacturer and information to be supplied by the manufacturer along with the engines		No Change		Not Applicable
10	IS 10000 (Part 12):1980	Methods of tests for internal combustion engines : Part 12 Specimen test certificates		No Change		Not Applicable
11	IS 10000 (Part 13):2002	Method of test for internal combustion engines - Part 13 Recommendation on nature of tests required for functional changes in critical components		No change		Not Applicable

**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 3046-1:2002	Reciprocating internal combustion engines — Performance — Part 1: Declarations of power, fuel and lubricating oil consumptions, and test methods — Additional requirements for engines for general use		The Indian Standard will be harmonized with ISO Standard as far as possible.
2	ISO 3046-4:2009	Reciprocating internal combustion engines — Performance — Part 4: Speed governing		The Indian Standard will be harmonized with ISO Standard as far as possible.
3	ISO 3046-3:2006	Reciprocating internal combustion engines — Performance — Part 3: Test measurements		The Indian Standard will be harmonized with ISO Standard as far as possible.

**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:	The work to review IS 10001:1981 has been assigned to sub-committee TED2:2.
7.	Upload Supporting Document(s)	

7.1 ARP Report	No Document Uploaded	
7.2 Draft Document	No Document Uploaded	
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 committee may consider harmonizing Indian Standard available on test methods with ISO Standards.</p>