



**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:	MED 20 - Pumps
2.	IS No :	IS 13518 : 1992
3.	Title :	End - Suction centrifugal pumps (Rating 16 Bar) - Designation, nominal duty point and dimensions
4.	Date of Previous Review:	December, 2017

### 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 2858: 1975	End Suction Centrifugal Pumps (Rating 16 Bar) - Designation, Nominal Duty Point and Dimensions	(No Revision) Reaffirmed in 2017	-	-

**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 2643 (Part 1): 1975	Dimensions for pipe threads for fastening purposes: Part 1 Basic profile and dimensions	(First revision)	-	-	-
2	IS 2643 (Part 2): 1975	Dimensions for pipe threads for fastening purposes: Part 2 Tolerances	(First revision)	-	-	-
3	IS 2643 (Part 3): 1975	Dimensions for pipe threads for fastening purposes: Part 3 Limits of sizes	(First revision)	-	-	-
4	IS 10216: 1988	Gauging practice for pipe threads where pressure tight joints are not made on threads	(First revision)	The reference standard has adopted- ISO 228-2:1987	-	-
5	IS 2031: 1987	Driving and driven machines - Shaft heights	(First revision)	-	-	-
6	IS 3688: 1977	Dimensions for shaft ends	(First revision)	-	-	-
7	IS 11382: 1986	Dimensions for stuffing box, cavities of end-suction process pumps	(No Revision)	-	-	-
8	ISO 7005-2:1988	Metallic flanges - Part 2: Cast iron flanges	(No Revision)	-	-	-
9	ISO 7005-3:1988	Metallic flanges- Part 3: Copper alloy and composite flanges	(No Revision)	-	-	-

**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	BS EN ISO 2858: 2010	End suction centrifugal pumps (rating 16 bar) - designation, nominal duty point and dimensions. Published by British Standards Institution	Provisions of BS relevant while reviewing IS can be as follow- The given standard is identical to the adopted 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
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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
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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/ISO 5199-2002	Technical specifications for centrifugal pumps - Class II	Clauses to be impacted are as follow- 4.1.2 Pump H(Q) curve (characteristic curve) 4.4.1 Pressure/temperature rating 4.13.1 General (Shaft sealing) 4.16.1 General (Base plate)

**Other Details**

6.	Any other observation:	a) References can be updated with revision.
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7.	Upload Supporting Document(s)
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<b>7.1 ARP Report</b>	<a href="#">68_163826344039_ARP_Report.docx</a>
<b>7.2 Draft Document</b>	<a href="#">68_163827131981_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:	The committee may consider the above information while reviewing the IS.
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