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Rev	iew Document	
Basic	Details	
1.	Sectional Committee No. & Title:	MED 20 - Pumps
2.	IS No:	IS 12225 : 1997
3.	Title:	Centrifugal jet pump - Specification (First Revision)
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	Indigenous Standard	Indigenous Standard			No International Standard is available on the subject matter 'Centrifugal Jet Pump'.		

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
I	IS 210 : 1993	Grey iron castings (fourth revision)	IS 210:2009 - Grey iron castings - Specification (Fifth Revision)	No change	No change	Change IS 210: 1993 to IS 210:2009.
2	IS 12699 : 1989	Code of practice for selection, installation, operation and maintenance of combination centrifugal jet pump	No change	No change	No change	
3	IS 11170 : 1985	Performance requirements for constant speed compression ignition (diesel) engines for agricultural purposes	No change	No change	No change	
1	IS 10572 : 1983	Method of sampling pumps	No change	No change	No change	
5	IS 10001:1981	Performance requirements for constant speed compression ignition (diesel) engines for general purposes	No change	No change	No change	
5	IS 9079 : 1989	Monoset pumps for clear cold water for agricultural purposes (first revision)	IS 9079:2018 - Monoset pumps for clear, cold water for agricultural and water supply purposes - Specification (Third Revision)	No change	No change	Change IS 9079: 1989 to IS 9079:2018.
7	IS 7538 : 1975	Three phase squirrel cage induction motors for centrifugal pumps for agricultural applications	IS 7538:1996 - Three - Phase squirrel cage induction motors for centrifugal pumps for agricultural application - Specification (First Revision)	No change	No change	Change IS 7538: 1975 to IS 7538:1996.
3	IS 7347 : 1974	Performance of small size spark ignition engines	No change	No change	No change	
)	IS 6603: 1972	Stainless steel bar and flats.	IS 6603:2001 - Stainless steel bars and flats - Specification (First Revision)	No change	No change	Change IS 6603: 1972 to IS 6603: 2001.
10	IS 6595 (Part 1): 1993	Horizontal centrifugal pumps for clear cold water: Part 1 Agriculture and rural water supply purposes (second revision)	IS 6595 : Part 1:2018 - Horizontal centrifugal pumps for clear, cold water - Specification: Part 1 agricultural and rural water supply purposes (Fourth Revision)	No change	No change	Change IS 6595 (Part 1): 1993 to IS 6595: (Part 1):2018.
11	IS 3444 : 1987	Corrosion resistant alloy steel and nickel base castings for general applications (second revision)	IS 3444:1999 - Corrosion resistant high alloy steel and nickel base castings for general applications - Specification (Third Revision)	No change	No change	Change IS 3444: 1987 to IS 3444:1999.
12	IS 996 : 1979	Single phase small ac and universal electric motors (Second revision)	IS 996 : 2009 - Single phase a.c. induction motors for general purpose (Third Revision)	No change	No change	Change IS 996: 1979 to IS 996: 2009.
13	IS 318:1981	Specification for leaded tin bronze ingots and castings (Second Revision)	No change	No change	No change	
14	IS 304 : 1981	- Grey iron castings (fourth	No change	No change	No change	

			le related to the sul Indian Standard).	oject & scope of the	standard being	reviewed (Internati	ional/regional/o	other national/a	ssociatio	on/consortia, etc
S.No.		Standa	rd (No.)	Standard (Titl	le)	Provisions that of while reviewing		nt Ac	tion pro	posed
1									-	
5.4 Tecl	hnical comme	nts on the s	tandard received, i	f any.						
S.No.		Source	;	Clause of IS		Comment		Action propo	sed	
				No o	entry made in thi	s table				
5.5 Info	ormation avail	able on rel	evant technical dev	elopments						
S.No.	Source		Development	Relevant clause of	the IS under re	view that is likely to	o be impacted (Clause & IS No	D.)	Action proposed
1	Industry Ass	sociation	Nil proposed							
5.6 Issu	ues arising out	of changes	in any related IS o	or due to formulation	n of new Indian	Standard.				
					e clause no. or a	der review that would be e no. or addition of new Changes that may be necessary in the Standards under review				Action proposed
				No o	entry made in thi	s table				
5.7 Any	y consequentia	l changes to	o be considered in o	other IS.						
S.No.		Related IS	S to get impacted		Related IS Ti	tle	Requireme	ents to be impa	cted	
				No o	entry made in thi	s table				
ther De	etails									
A	Any other obse	rvation:			be in Con 907' added voltate the 1 Tes required the 1 No. 1 Pum has cons.	mendment No 1, C neorporated in the r structional features 9 only. General req ed including hydrau age & frequency va latest materials mer ting of Motors' has airements desirable. or pump standards (motors used for the International Standarp', h) Minimum eff been done in other sultation (NIPMA, S 2225:1997 and the Standard while othe	revised Standara of the centrifu uirements specialic testing of pir- ilic testing of pir- riation. c) Mata titioned in other been added for e) Marking red IS 8034, 9079, pump has been ard is available ficiency specific pump standard: akeholders. i) N SIEMA, IPMA response receiv	d on Centrifugatigal jet pump hat ific to the Centrump casing, pumerial of construct pump standards better output a quirements have 14220 etc.). f) in aligned with I on the subject in ed has to be upon so (IS 8034, 907) Members of Pumert.) were contived was mixed.	al Jet Purave been rifugal Jemp assertion has ls. d) A rand conse been a Rating of S/IEC 66 matter of lated in 19, 14220 mp Man acted re Some w	mp - IS 12225. b a aligned with IS et Pump have be mbly, cables and when the aligned winew clause for idering the safet ligned with the of performance of 0034-1:2004. g) Centrifugal Jet this Standard as o etc.) after ufacturers garding revision vanted to withdra

7.

Upload Supporting Document(s)

7.1 ARP Report		68_163721934344_ARP_Report.docx				
7.2	Draft Document	<u>68_163721937748_I</u>	Orat	ft_Document.doc		
8.	Recommendations - On the basis of the analysis of mentioned above consideration of sectional committhe following aspects of the IS under review:			a) This Standard can be taken up for revision (Draft proposal for second revision is also attached). b) The matter regarding differing views on continuation of the standard can be put up for consideration of the Pumps Sectional Committee during its next meeting.		