

MINUTES OF THE 17th MEETING OF BEARINGS SECTIONAL COMMITTEE, PGD 13

DATE & TIME	VENUE (Hybrid)
11:00 AM – 04:00 PM Thursday, 14 December 2023	Eastern Regional Office (EROL), P-230, C.I.T Scheme VII M, VIP Road, Kankurgachi, Kolkata-700054 Hybrid link : https://bismanak.webex.com/bismanak/j.php?MTID=m1a3336a7 be5e4f72e0b646f4406ff6f6
11:00 AM – 04:00 PM Friday, 15 December 2023	INDUSTRY VISIT Venue: M/s Tata Steel Bearings Division, Kharagpur

MEMBERS PRESENT

CHAIRMAN: Dr Manish Roy, Scientist-G, Defence Metallurgical Research Laboratory, Hyderabad

Co-Chairman: Dr Soumendu Jana, Chief Scientist & Head, Propulsion Division, CSIR-NAL, Bengaluru

MEMBER SECRETARY: Shri Kundan Giri, Scientist-C/Deputy Director (PGD), BIS, New Delhi

S. No	Name of representative	Name of the Organization	Contact details
3.	Manish Aggarwal	Bharat Heavy Electrical Limited, New Delhi	manishagrawal@bhel.in
4.	Raveendra HS	Bimetal Bearing Limited, Coimbatore	raveendra@bimite.co.in
5.	M. Solairaju	Combat Vehicles Research and Development Establishment, Ministry Of Defence, Chennai	solairaju.m.cvrde@gov.in
6.	Vijay Kumar Goel	Defence Research and Development Organization, Research Centre Imarat, Hyderabad	mo.directorem@gmail.com
7.	T. H. Gonsalves	Hindustan Aeronautics Limited, Bengaluru	rd.aerdc@hal-india.co.in
8.	Prof. Harish Hirani	Indian Institute of Technology Delhi, New Delhi	hirani@mech.iitd.ac.in
9.	Prof. Rajiv Tiwari	Indian Institute of Technology Guwahati, Guwahati	rtiwari@iitg.ac.in
10.	Arun Bisht	Maruti Suzuki India Limited, Gurugram	arun.bisht@maruti.co.in
11.	Milind Ghan	NRB Bearings Limited, Thane	milind.ghan@nrb.co.in
12.	Avinash Sharma	National Engineering Industries Limited, Jaipur	avinash.sharma@nbcbearings.in
13.	Dr. Eapen P Joseph	Nuclear Power Corporation of India Limited, Mumbai	jeapen@npcil.co.in
14.	Vijay Kumar Goel	Research Designs and Standards Organization (RDSO), Lucknow	mp.directorbrake@gmail.com
15.	Sandeep D Singh	SKF India Limited, Pune	sandeep.d.singh@skf.com
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18.	Biswanath Nandi	Schaeffler India Limited, Vadodara	biswanath.nandi@schaeffler.com
19.	R. R. Kulkarni	Tata Motors Limited, Pune	ramesh1.kulkarni@tatamotors.com
20.	Anoop Toby	Tata Motors Limited, Pune	att531197@tatamotors.com
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22.	Arindam Ghosh	Tata Steel Limited - Bearing Division, Kharagpur	arindam.ghosh@tatasteel.com
23.	K. Shreenath Upadhya	Timken India Limited, Bangalore	shreenath.upadhya@timken.com

Item 3.2 Standards Due for Review in 2023-24

SN	IS No./ Title	Status before the Meeting	Decision of Committee
1	IS 10260 (Part 3) : 2018 / ISO 4378-3 :2009 Plain bearings - Terms, definitions, classification and symbols: Part 3 lubrication (First Revision)	<p>To send the document to Dr. Manish Roy and Prof Harish Hirani for review and comments. If no comments are received in 2 months, the document may be sent to publication.</p> <p>The documents were shared with the experts on 09 August 2023 and 20 November 2023 through email. The document has been reviewed by Dr Manish Roy and Prof. Hirani.</p>	<p>Since the document was approved by the experts and no comments were received, the committee approved the publication of ISO 4373-3: 2017 as the revision of IS 10260 (Part 3) : 2018 / ISO 4378-3 :2009.</p> <p>Additionally, the committee decided to form a panel on Lubrication of bearings, the following members are currently identified for the panel:</p> <ul style="list-style-type: none"> a) Dr SAin, contact to be provided by Mr Biswanath Nandi b) IIP Dehradun, nominated by Dr Soumendu Jana c) Members from IOCL R&D Facility in Ghaziabad.
2	IS 13405 : 2018/ISO 246 : 2007 Rolling bearings - Cylindrical roller bearings, separate thrust collars - Boundary dimensions (Second Revision)	Reaffirmed as recommended in the 16 th meeting since there is no change in the base ISO standard.	Committee noted the given information.
3	IS 13406 : 2018/ISO 8443 : 2010 Rolling bearings - Radial ball bearings with flanged outer ring - Flange dimensions (First Revision)	The document has been wide circulated for 90 days on 13/11/2023. The document may be sent to publication if no comments are received till the last date of circulation.	The committee noted the information given in the agenda and finalized the document for sending to publication if no comments are received before the last date.
4	IS 13962 : 2018/ISO 10317 : 2008 Rolling bearings - Tapered roller bearings - Designation system (First Revision)	Reaffirmed as recommended in the 16 th meeting since there is no change in the base ISO standard.	Committee noted the given information.
5	IS 14478 : 1997 Plain bearings - Thick - Walled bushes, plain and flange type, full - Round (without	Archived as recommended in the 16 th meeting since the product is going out of use and currently there are no experts in the	Committee noted the given information.

	any joint or slit) - Specification	committee willing to take up the review of this product.	
6	IS 14802 (Part 2) : 2019/ ISO 4384-2:2011 Plain Bearing — Hardness Testing of Bearing Metals Part 2 Solid Materials (First Revision)	The document has been wide circulated for 60 days on 11/09/2023. The document may be sent to publication since no comments are received till the last date of circulation.	The committee noted the information given in the agenda and finalized the document for sending to publication.
7	IS 15620 : 2019/ ISO 4383 : 2012 Plain Bearings — Multilayer Materials for Thin-Walled Plain Bearing (First Revision)	The document has been wide circulated for 90 days on 11/09/2023. The document may be sent to publication since no comments are received till the last date of circulation.	The committee noted the information given in the agenda and finalized the document for sending to publication.
8	IS 2399 : 2019/ ISO 5593 : 1997 Rolling Bearings — Vocabulary (Second Revision)	The document has been wide circulated for 60 days on 18/08/2023. The document may be sent to publication since no comments are received till the last date of circulation.	The committee noted the information given in the agenda and finalized the document for sending to publication.
9	IS 3823 : 2014/ ISO 76 : 2006 Rolling bearings - Static load ratings (Third Revision)	Reaffirmed as recommended in the 16 th meeting since there is no change in the base ISO standard	Committee noted the given information.
10	IS 5669 : 2019/ ISO 15 : 2017 Rolling bearings - Radial bearings - Boundary dimensions, general plan (Second Revision)	Reaffirmed as recommended in the 16 th meeting since there is no change in the base ISO standard	Committee noted the given information.
11	IS 5692 : 2019/ ISO 492 : 2014 Rolling bearings - Radial bearings - Geometrical product specifications (GPS) and tolerance values (Second Revision)	The document has been wide circulated for 90 days on 18/08/2023. The document may be sent to publication since no comments are received till the last date of circulation.	The committee noted the information given in the agenda and finalized the document for sending to publication.
12	IS 5932 : 2019/ ISO 104 Rolling bearings - Thrust bearings - Boundary dimensions, general plan (Second Revision)	Reaffirmed as recommended in the 16 th meeting since there is no change in the base ISO standard	Committee noted the given information.
13	IS 5933 : 2019/ ISO 199 : 2014 Rolling bearings - Thrust bearings - Geometrical product specification (GPS) and tolerance values (Fourth Revision)	The document has been wide circulated for 90 days on 18/08/2023. The document may be sent to publication since no comments are received till the last date of circulation.	The committee noted the information given in the agenda and finalized the document for sending to publication.
14	IS 11027 (Part 2) : 2018/ ISO 1132-2 : 2001 Rolling Bearing -	Reaffirmed as recommended in the 16 th meeting since there is no change in the base	Committee noted the given information.