

BUREAU OF INDIAN STANDARDS**MINUTES**

Name of the Committee	No. of Meeting	Date	Time	Venue
Animal Husbandry and Equipment Sectional Committee, FAD 32	3 rd	15 December 2023 (Friday)	10:30 AM	Hybrid (Physical + Virtual) Committee room of Vice-Chancellor's Secretariat, Main Campus Chatha of Sher-e-Kashmir University of Agricultural Sciences and Technology, Jammu

CHAIRPERSON

Dr B N Tripathi
(Chairperson, FAD 32)
Vice Chancellor,
Sher-e-Kashmir University of Agricultural Sciences
and Technology, Jammu

MEMBER SECRETARY

Pradeep Sharma
(Member Secretary, FAD 32)
Scientist-B / Assistant Director
Food & Agriculture Department,
Bureau of Indian Standards, New Delhi

ITEM 0 GENERAL**0.1 Welcome**

Er Pradeep Sharma, Member Secretary, Animal Husbandry and Equipment Sectional Committee, FAD 32 extended a warm welcome to all the members in the 3rd meeting of FAD 32 held at Main Camus, SKUAST Jammu. He highlighted the contribution of more than 19000 experts in 387 sectional committees while apprising about the standards formulation activity of BIS. He also requested all the members to prefer joining meeting in physical mode only for better discussion.

0.2 Opening Remarks by the Chairperson

Dr B. N. Tripathi, Chairperson of the Animal Husbandry and Equipment Sectional Committee, FAD 32, welcomed all the members. In his opening remarks, he emphasized the importance of Indian Standards for the entire nation, highlighting how these standards reflect the quality of Indian products, services, or practices at the international level. Although these standards are voluntary, he stressed that they should not be perceived as optional and must be followed nationwide. Dr. Tripathi also drew attention to the five-year Standard National Action Plan (SNAP) 2022-27 prepared by BIS to initiate standardization on various subjects, considering the rapid evolution of science, technology, and knowledge in the near future. Additionally, he briefed the committee on the tremendous growth of the animal husbandry and dairy sector in India, mentioning the current annual milk production of 221 MT (2023-24 million tons) targeted to increase to 658 million tons by 2047.

ITEM 1 CONFIRMATION OF THE MINUTES OF THE SECOND MEETING:

The committee confirmed the minutes of the 2nd meeting of Animal Husbandry and Equipment Sectional Committee, FAD 32, held on 31 July 2023 through hybrid mode (virtual & physical) as circulated to the members vide email dated 10 August 2023 without any modification.

The Committee may confirm the minutes as circulated.

ITEM-2 SCOPE, ACTIVITIES AND COMPOSITION OF THE SECTIONAL COMMITTEE**2.1 Scope & Program of Work of The Committee:**

The committee noted the scope and program of work of FAD 32 as given in Item 2.1 of the agenda.

2.2 Composition of The Sectional Committee:

The committee noted the current composition of FAD 32 as given in Item 2.2 of the agenda and following decisions were taken:

a) The committee requested member secretary to write to Dr Bhushan Tyagi, Joint Commissioner (JC), and Dr. Rajendra Gulabrao Bambal, JC, Department of Animal Husbandry and Dairying, MoF & AHD to nominate the expert from the department.

b) The committee noted that there was no representation from Chhattisgarh Kamdhenu Vishwavidyalaya, Raipur and Uttar Pradesh Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan University (DUVASU), Mathura in last two meetings, which leads to the withdrawal of these organization from the committee. But, the committee decided to retain these organizations and requested member secretary to write to the Vice Chancellors of these universities to renominate the representatives.

c) It was observed that Animal Welfare Board of India (AWBI), Faridabad was also not present in the last two meetings of the committee. But, as Ms Prachi Jain, Principal Member from AWBI Faridabad requested the committee to retain this organization, therefore, the committee decided not to withdraw this organization from the committee.:

ITEM 3 CURRENT STATUS OF THE COMMITTEE:

The committee noted the current status of the committee with statistical representation including number of panels, number of experts thereunder and number of existing Indian Standards allocated for revision through a flow diagram as given on p-15 of the agenda.

ITEM 4 FINALISATION OF DRAFT INDIAN STANDARDS**4.1 Doc. FAD 32 (23606) F Draft Indian Standard IS 6544 Wing Band for Poultry — Specification (First Revision of IS 6544)**

The committee noted that this draft revision completed the Wide Circulation (WC) of 60 days. However, as no comment was received during this period, the committee after due deliberation finalized the draft and approved it for publication without any further modification.

4.2 Doc. FAD 32 (23607) F Draft Indian Standard IS 6545 Leg Band for Poultry — Specification (First Revision of IS 6545)

The committee noted that this draft revision completed the Wide Circulation (WC) of 60 days. However, as no comment was received during this period, the committee after due deliberation finalized the draft and approved it for publication without any further modification.

ITEM 5 APPROVAL OF DRAFT STANDARDS FOR WIDE CIRCULATION**5.1 Draft Indian Standard IS 7180: 1973 Disposable Artificial Insemination Gloves — Specification (first revision of IS 7180)**

The committee discussed upon this revised draft prepared by FAD32/P2 and requested Dr S. K. Ghosh to modify and prepare the draft revision after seeking the comments from another relevant expert member, particularly on the dimensions of the glove.

5.2 Draft Indian Standard IS 11800 : 1986 Artificial Vagina For Bovines — Specification (first revision of IS 11800)

The committee reviewed this revised draft as prepared by Dr S. K. Ghosh and noted the major changes recommended by the panel FAD32/P2 in the standard. Thereafter, Chairman suggested the committee to seek the inputs from all 60 semen stations across the country. Therefore, the committee requested member secretary and Dr Ghosh to suitably include the comments from those semen stations and modify the draft revision accordingly.

5.3 Draft Indian Standard IS 8103 : 1976 Cleaning And Sterilization of Artificial Insemination Equipment — Code of Practice (first revision of IS 8103)

The committee deliberated upon the revised draft prepared by Dr. Ghosh and noted the changes recommended by the panel FAD 32/P2. After due discussion among the experts, the committee decided to send this draft revision in to Wide Circulation (WC) for a period of 60 days to seek comments.

5.4 Draft Indian Standard IS 11786 : 1986 Recommendation for cattle housing for an average farmer (first revision of IS 11786)

The committee reviewed the revised draft prepared by Dr Thanga, TANUVAS Chennai and Dr A. K. Mishra, NDRI Karnal and discussed upon the comments received from People for Animal (PFA) New Delhi. As per the discussion, the committee decided not to send this draft into WC, and decided to send back to the panel FAD32/P1. Subsequently, the panel was also requested to modify the draft as per Central Pollution Control Board guidelines, FSS Act 2006 and to include the definition of average farmer in the standard.

5.5 Draft Indian Standard IS 11799 : 2005 Recommendation for cattle housing in rural areas (second revision of IS 11799)

The committee reviewed the draft and based on the discussion made in 5.4 regarding inclusion of Central Pollution Control Board guidelines and aligning with FSS Act 2006, which is applicable on this standard also, decided not to send this draft into WC. The panel was asked to prepare the draft accordingly.

5.6 Draft Indian Standard IS 5237 : 1982 Code for transport of small and medium sized seed eating birds

The committee reviewed the draft prepared by Dr S. Meenakshi Sundaram, TANUVAS Chennai. After deliberating upon the draft revision, the committee decided not to send this into WC. The committee suggested him to include name of all the seed eating birds in the terminology for better clarification and remove the requirement for poultry as the standard is not meant for poultry. He was also asked to align this standard with the transport guidelines issued by Central Zoo Authority as suggested by PETA and to prepare the draft revision accordingly.

5.7 Draft Indian Standard IS 3916 : 1966 Code of Practice for Pig Housing (second revision of IS 3916)

The committee discussed upon the draft revision prepared by Dr R. Thomas, NRC-Pig, Guwahati and noted the points which need to be included in this revision as suggested by him and Ms Gauri Maulekhi, PFA, New Delhi. The committee observed that the space requirements in the standard were specified decades ago and need to be updated as per the size/weight of Pig and recent practices. The committee requested Dr Thomas to prepare the revised draft again by updating the requirements on the basis of research/empirical data and to include the comments which are scientifically viable.

5.8 Draft Indian Standard IS 3059 : 2001 Transport of monkeys by rail, road, air and sea – code of practice (Second Revision of IS 3059)

The committee discussed upon the revised draft prepared by Dr Meenakshi Sundaram and noted that this draft revision has been aligned with International Air Travel Association (IATA) Guidelines as highlighted by Member Secretary. As some guidelines related to transport of monkey are already there like PCA Act 1978, OII Standards of World Organization of Animal Health (WOAH) and CPCSEA Guidelines as apprised by Ms. Prachi Jain, AWBI and Dr Kiran Ahuja, PETA India. Therefore, the committee requested Dr Meenakshisundaram to prepare the revised draft again and take due reference from those available guidelines also. Subsequently, the committee decided that after receiving the draft revision, it will be sent into WC for a period of 60 days.

5.9 Draft Indian Standard IS 6692 : 1973 Method of milk recording of cattle (first revision of IS 6692)

The committee reviewed the revised draft prepared by Dr R. O. Gupta, NDDDB, Anand and noted all the changes made and highlighted by Dr Ghosh. However, the committee decided not to send it into WC and requested Dr Ghosh to circulate to other relevant experts of the panel to seek their inputs in the draft revision, and prepare the draft after suitable inclusion of those inputs only.

5.10 Draft Indian Standard IS 13125 : 1991 Goblets – Specification

The committee reviewed the draft prepared by Dr Ghosh after resolving the comments received from Dr Sunil Kumar, NRC-Pig. Subsequently, the committee decided to send it into WC for a period of 60 days to seek comments once it is discussed in the panel again.

ITEM 6 REVIEW OF INDIAN STANDARDS

The committee noted the guidelines for R & D and Action Research Project (ARP) to conduct a research to revise the existing standard or develop a new standard. All the Indian Standards are already taken up by the individual panels for review, the committee decided not to allocate ARP to any member and not to take up R & D project for time being.

ITEM 7 STATUS OF PANELS UNDER FAD 32

7.1 Expert Panel for Review of Standards on Cattle Housing and Transport, FAD32/P1

The committee reviewed and noted the status of the panel and following decision has been taken as recommended by the panel.

a) IS 2733 : 1985 Code of practice for sheep and goats housing (first revision)

The committee reviewed the revised draft submitted by Dr R. S. Bhatt, CSWRI Avikanagar and further modified by Dr N Ramachandran, NIANP Bengaluru. Dr Bhatt suggested that there is a need to rearrange/modify the draft. Therefore, the Committee requested Dr Bhatt to provide the modified draft again for sending into Wide Circulation for a period of 60 days to seek comments.

7.2 Expert Panel for Review of Standards on Animal Husbandry Equipment, FAD32/P2

The committee reviewed and noted the status of the panel and following decision has been taken as recommended by the panel.

a) IS 7179 : 1973 Specification for disposable plastic artificial insemination pipettes for cattle

The committee decided to archive this standard for time being as it is not feasible to use plastic AI pipettes for holding semen against higher temperature.

7.3 Expert Panel for Review of Standards on Poultry Equipment, Housing and Transport, FAD32/P3

The committee reviewed and noted the status of the panel and following decisions have been taken as recommended by the panel.

a) IS 6228 : 1971 Specification for poultry egg fertility tester

The committee requested Shri Harish Rajaram Garware, IPEMA Hyderabad to provide the details of manufacturer of egg fertility tester with relevant expertise and the panel FAD32/P3 was asked to prepare a draft revision of the this standard.

b) IS 6696 : 1972 Specification for egg washing machines

The committee noted the point submitted by Dr A. K. Rajput, AIPBA New Delhi and Dr Harish Rajaram Garware that this equipment is nowhere used in the country for the purpose of egg washing. Considering the same, the committee decided to archive this standard for time being.

7.4 Expert Panel for Review of Standards on Housing and Transports for Other Animals Including Equines, Pig, Dog, Cats and Wild Animals, FAD32/P4

The committee reviewed and noted the status of the panel.

7.5 Expert Panel for Review of Standards on Laboratory Animals and Its Quality Management, FAD32/P5

The committee reviewed and noted the status of the panel. The panel recommended the committee to archive the following Indian Standards as these animals are no more used as a laboratory animal, therefore, the committee decided to archive these Indian Standards for time being.

- a) *IS 5701 (Part 6) : 1981 Code for breeding, care, management and housing of laboratory animals: Part 6 laboratory cotton rats*
- b) *IS 5701 (Part 7) : 1981 Code for breeding, care, management and housing of laboratory animals: Part 7 laboratory frogs*
- c) *IS 6384 (Part 3) : 1978 Code for care, management and housing of laboratory animals: Part 3 laboratory cats*

ITEM 8 New Work Item Proposal

The committee discussed upon the suggestion given by Panel FAD32/P5 to develop the Indian Standards for breeding, care and management of Fish, Jermaine and Earthworms. After due deliberation on the need of these standards, the committee thought of making a separate dedicated panel for fisheries related standards only and not for Jermaine and Earthworms for time being. However, as discussed at BIS secretariat, there is a Fish, Fisheries, and Aquaculture Sectional Committee, FAD 12 under Food and Agriculture Department (FAD) of BIS. Therefore, it has been decided to transfer this subject to this sectional committee, FAD 12 only.

ITEM 9 TIME AND PLACE FOR THE NEXT MEETING

The committee decided to schedule the next committee meeting on **12 April 2024**. However, the place of meeting has to be decided yet.

ANNEX-I**ATTENDANCE FOR****3rd MEETING OF ANIMAL HUSBANDRY AND EQUIPMENT
SECTIONAL COMMITTEE FAD 32****Date: 15 December 2023****Meeting type: Hybrid (Virtual + Physical)****Venue: SKUAST, Jammu**

Sl. No.	Name of Organization	Name of Members
1.	Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu, Jammu	Dr.Bhupendra Nath Tripathi (Chairperson) (Physical)
2.	All India Poultry Breeders Association, New Delhi	Dr. A. K. Rajput (Physical)
3.	Animal Welfare Board of India, Faridabad	Ms. Prachi Jain (Physical)
4.	Bihar Animal Sciences University, Patna	Dr. Deep Narayan Singh (Virtual)
5.	Department of Animal Husbandry and Dairying, Panchkula	Dr. Rajiv Banger (Virtual)
6.	Federation of Indian Animal Protection Organizations, New Delhi	Dr. Dinesh Mohite (Physical)
7.	Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana	Dr. Navdeep Singh (Virtual) Dr. Sikh Tejinder Singh (Virtual)
8.	ICAR - Central Avian Research Centre, Bareilly	Dr. Jaideep Rokade (Virtual)
9.	ICAR - Central Institute for Research on Buffaloes, Hisar	Dr. R K Sharma (Virtual) Dr. Sushil Kumar Phulia (Virtual)
10.	ICAR - Central Sheep and Wool Research Centre, Avikanagar	Dr.Randhir Singh Bhatt (Physical) Dr.Srobana Sarkar (Virtual)
11.	ICAR - Directorate of Poultry Research, Hyderabad	Dr. Santosh Haunshi (Virtual)
12.	ICAR - Indian Veterinary Research Institute, Izzatnagar	Dr. Subrata Kumar Ghosh (Physical)
13.	ICAR - National Research Centre on Equines, Hisar	Dr. S. C. Mehta (Virtual)
14.	ICAR - National Research Centre on Pig, Guwahati	Dr. R. Thomas (Virtual) Dr. Sunil Kumar (Virtual)
15.	Indian Poultry Equipment Manufacturers Association, Hyderabad	Mr. Harish Rajaram Garware (Virtual)
16.	National Dairy Research Institute, Karnal	Dr. Arun Kumar Misra (Physical)
17.	National Institute of Animal Nutrition and Physiology, Bengaluru	Dr.Ravikiran G(Physical) Dr. Ramachandran (Virtual)
18.	PETA India, Mumbai	Dr. Kiran Ahuja (Virtual) Dr.Bandhanpreet Kaur (Virtual)

19.	People for Animals, New Delhi	Ms. Advocate Priyanka Bangari (Virtual) Ms. Shreya Paropkari (Virtual)
20.	Poultry Federation of India, Sonipat	Mr. RanpalDhanda (Virtual) Mr. Rahul Khatri (Virtual)
21.	Tamil Nadu Veterinary and Animal Sciences University, Chennai	Dr. S. Meenakshisundaram (Physical)
22.	Food & Agriculture Department, BIS, New Delhi	Shri Pradeep Sharma (Scientist – B/Assistant Director) (Physical)
Other Participants		
23.	Faculty of Veterinary sciences & Animal Husbandry	Dr. Rajesh Katoch (Physical)
24.	Dushilgupta67@rediffmail.com (9419109684)	Prof. S. K. Gupta (Physical)
25.	Sher-E-Kashmir University of Agriculture Sciences and Technology of Jammu, Jammu	Dr. R. K. Srivastava (Physical)
26.	Sher-E-Kashmir University of Agriculture Sciences and Technology of Jammu, Jammu	Dr. Sushmita M. Dadhich (Physical)