

**BUREAU OF INDIAN STANDARDS****MINUTES**

<b>Name of the Committee</b>	<b>No. of Meeting</b>	<b>Date</b>	<b>Time</b>	<b>Venue</b>
Animal Husbandry and Equipment Sectional Committee, FAD 32	4 <sup>th</sup>	12 April 2024 (Friday)	10:00 AM	Hybrid (Physical + Virtual) Bronze Room, BIS Head Quarter New Delhi

**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

NOTE — Attendance is enclosed at Annex A (see page 7).

**ITEM 0 GENERAL****0.1 Welcome**

Mr. Pradeep Sharma, Scientist - B and Member Secretary, Animal Husbandry and Equipment Sectional Committee, FAD 32 welcomed all the committee members to the 4<sup>th</sup> meeting of FAD 32 and apprised the committee members about the current status of the committee, panels and work thereunder.

**0.2 Opening Remarks by the Chairperson**

Dr B. N. Tripathi, Vice Chancellor of Sher-e-Kashmir University of Agricultural Sciences and Technology, Jammu, and Chairperson of FAD 32, extended a warm welcome to all the members and expressed gratitude to those who were able to join in person.

In his opening remarks, he urged all members to contribute to the standardization activity professionally, emphasizing that it is volunteer work. He suggested aligning Indian Standards with international standards during the revision process.

Dr Tripathi also emphasized the importance of adhering to timelines, urging the committee to work in a time-bound manner to ensure the timely revision of necessary standards. He appreciated the work accomplished by the panels since the last meeting and proposed holding the next meeting physically for more effective deliberation.

**ITEM 1 CONFIRMATION OF THE MINUTES OF THE THIRD MEETING OF FAD 32**

The committee confirmed the minutes of the last (3<sup>rd</sup>) meeting of Animal Husbandry and Equipment Sectional Committee, FAD 32 held on 15 December 2023 through hybrid mode as circulated to the members vide email dated 9 January 2023.

## **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.

### **2.3 Composition of The Sectional Committee**

**2.3.1** The committee noted the updated composition of FAD 32 as given in Annex 2 of the agenda. The committee members were apprised of the BIS directives regarding termination of membership on account of absence in two consecutive meetings of the committee.

a) The committee decided to retain the membership of Uttar Pradesh Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan University (DUVASU), Mathura as they are now attending the current meeting.

b) The committee noted that a letter vide mail has already been sent to Vice Chancellor, Chhattisgarh Kamdhenu Vishwavidyalaya (CKV), Raipur for renominating their expert members. However, no response was received. In the view of the importance to the work, the committee again requested member secretary to send them a last reminder letter. In case, no reply is received within 15 days, their membership in FAD 32 may be withdrawn.

c) The committee requested Department of Animal Husbandry and Dairying, Panchkula to send the updated nomination to the committee.

## **ITEM 3 APPROVAL OF DRAFT STANDARDS FOR WIDE CIRCULATION (WC)**

### **3.1 Draft Revision of Indian Standard IS 7180 Disposable Artificial Insemination Gloves — Specification**

The committee examined the draft revision of IS7180 prepared by FAD32/Panel 2 “Expert Panel for Review of Standards on Animal Husbandry Equipment Panel” as enclosed in the Annex 3 of the agenda. The committee noted the comment raised by Dr R. O. Gupta regarding the length of gloves and requested Dr S. Meenakshisundaram, TANUVAS Chennai to provide the input in the dimension of the gloves based on the empirical data and taking feedback from practitioner in TANUVAS Chennai. Thereafter, Dr S. K. Ghosh, IVRI Izzatnagar was requested to provide the modified draft revision once inputs received from Dr Meenakshisundaram and other members of panel.

### **3.2 Draft Revision of Indian Standard IS11800 Artificial Vagina for Bovines — Specification**

The committee reviewed the draft revision of IS11800 as enclosed in the Annex 4 of the agenda and was apprised of the changes made in this revision as highlighted by Dr S. K. Ghosh. Since

no comments were received from semen centres/stations on this draft revision, the committee decided to send the draft revision into WC for a period of 60 days to seek comments.

### 3.3 Draft Revision of Indian Standard IS8103 Cleaning and Sterilization of Artificial Insemination Equipment — Code of Practice

The committee noted the comments received from Kerala Livestock Development Board Ltd. and Central Semen Station, Bhopal on the draft revision of IS8103 as enclosed in the Annex 5 of agenda. After reviewing this draft revision prepared by Dr R. O. Gupta, NDDDB Anand and Dr S. K. Ghosh, the committee decided to send the draft revision into WC for a period of 60 days to seek comments.

### 3.4 Draft Revision of Indian Standard IS6692 Method of Milk Recording of Cattle

The committee noted the changes made in this revision of IS6692 and reviewed the draft revision prepared by Dr R. O. Gupta as enclosed in the Annex 6 of agenda. Thereafter, the committee decided to send this draft revision into WC for a period of 60 days to seek comments.

### 3.5 Draft Revisions prepared by FAD32/Panel 3 “Expert Panel for Review of Indian Standards on Poultry Equipment, Housing and Transport”

The committee duly deliberated upon the draft revisions of following Indian Standards provided by Dr Santosh Haunshi, ICAR-DPR Hyderabad and following decisions were taken in the meeting as mentioned below:

Sl. No.	Draft Indian Standard	Decision of The Committee
1)	Draft Revision of Indian Standard IS2732 Poultry Housing — Code of Practice	Ms. Gauri Maulekhi, People for Animal, New Delhi apprised the committee about some ongoing court cases on poultry housing. In view of this information, the committee decided not to take up this standard for revision and after thorough discussion and comments made by Ms Gauri Maulekhi, Mr Ajit Singh, National of Egg Co-ordination Committee, New Delhi and Mr Rahul Khatri, Poultry Federation of India, Sonipat, the committee decided to archive this standard as enclosed in the Annex 7 of agenda.
2)	Draft Revision of Indian Standard IS5238:2001 Transport of Poultry— Code of Practice	The committee reviewed the draft revision as enclosed in the Annex 8 of agenda and decided to send it in WC for a period of 60 days to seek comments.
3)	Draft Revision of Indian Standard IS5309 Poultry Farming Equipment — Brooders — Code of Practice	The committee reviewed the draft revision as enclosed in the Annex 9 of the agenda and decided to send it to panel for preparing draft revision.
4)	Draft Revision of Indian Standard IS5310 Poultry Incubator — Specification	The committee noted the comment received from Mr Rahul Khatri on the Clause 6.6 of draft revision of IS 5310 as enclosed in the Annex 10

		of the agenda. The committee agreed to the comment and decided to keep the provision of digital monitors for reading of relative humidity and temperature as a recommendatory requirement instead of mandatory requirement. Thereafter, the committee decided to send this draft revision into WC for a period of 60 days to seek comments.
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### 3.6 Draft Revision of Indian Standard IS3916 Pig Housing — Code of Practice

The committee noted all the changes made in this revision as apprised and duly explained by Dr R. Thomas, ICAR-National Research Centre on Pig, Guwahati. The committee requested Dr Thomas to provide the draft revision of IS3916 after considering comments received from other committee members in the next panel meeting of FAD32/Panel 4. The committee also apprised about the suggestion made by PETA India to include the managerial requirement in this revision. Thereafter, the committee decided not to merge the managerial aspect in this housing standard. However, there may be a separate standard for management as decided in the committee.

### 3.7 Draft Revision of Indian Standard IS 5237 Code For Transport of Small and Medium Sized Seed Eating Birds

The committee reviewed the draft revision of IS5237 prepared Dr S. Meenakshisundaram as enclosed in the Annex 12 of the agenda and noted that the draft has been modified and aligned with all the relevant guidelines as decided in the last committee meeting. Thereafter, the committee decided to send this draft revision into WC for a period of 60 days to seek comments.

### 3.8 Draft Revision of Indian Standard IS 3059 Transport of Monkeys by Rail, Road, Air and Sea — Code of Practice

The committee reviewed the draft revision of IS3059 prepared Dr S. Meenakshisundaram as enclosed in the Annex 13 of the agenda and noted that the draft has been modified and aligned with all the relevant guidelines as decided in the last committee meeting. Thereafter, the committee decided to send this draft revision into WC for a period of 60 days to seek comments.

### 3.9 Draft Revision Prepared by FAD32/P5 “Expert Panel for Review of Indian Standards on Laboratory Animal and Its Quality Management”

The committee reviewed the draft revisions prepared by Dr P. Nagarajan, National Institute of Immunology, New Delhi as enclosed in the Annex 15 & Annex 16 of the agenda and deliberated upon the comments received from Dr Ankita Pandey, PETA India, Mumbai as enclosed in the Annex 14 of agenda. The committee considered the recommendation made by Dr P. Nagarajan on the comments received from Dr Pandey and decided to send the following draft revision into WC for a period of 60 days to seek comments:

- a) Draft Revision of Indian Standard IS5701 (Part 1) Code for breeding, care, management, and housing of laboratory animals Part I Mice and rats

- b) Draft Revision of Indian Standard IS 5701 (Part 2) Code for breeding, care, management, and housing of laboratory animals Part II Laboratory rabbits

However, regarding temperature and cage height for rabbits, the committee suggested PETA India to provide the comments during WC period.

### 3.10 Draft Revisions prepared by FAD32/P1 “Expert Panel for Review of Indian Standards on Cattle Housing and Transport”

The committee noted the current status of the panel as apprised by Dr A. K. Mishra (convenor of the panel), NDRI Karnal. The committee also noted the suggestion made by Ms. Gauri Maulekhi to organise a physical meeting of the panel and following decision were taken in this meeting:

**3.10.1** The committee considered the recommendation made by the FAD32/Panel1 to withdraw IS5284 : 1969 “Recommendation for community milking shed” as almost no community milking sheds exist in the country or are expected to be established in near future. Subsequently, the committee recommended to Food and Agricultural Division Council (FADC) to withdraw this standard.

**3.10.2** The committee requested Dr A. K. Mishra (convenor of the panel), NDRI Karnal to organise a physical meeting and provide the draft revision of following Indian Standards after discussing the comments of panel members:

- a) IS11786 : 1986 Recommendation for cattle housing for an average farmer (*first revision*)
- b) IS11799 : 2005 Recommendation for cattle housing in rural areas (*second revision*)

## ITEM 4 REVIEW OF INDIAN STANDARDS

**4.1** The committee noted that the following Indian Standards are due for review in year 2024-2025. After due discussion among the committee members, following decisions were taken for these Indian Standards:

Sl. No.	Indian Standard	Decision Taken
1)	IS 13819: 1993 Artificial insemination guns — Specification	The committee recommended FADC to withdraw this standard as suggested by Dr S. K. Ghosh.
2)	IS13820: 1993 Artificial insemination straws — Specification	The committee decided to revise this standard and requested Dr S. K. Ghosh to provide the draft revision.
3)	IS5804: 1987 Specification for poultry debeakers ( <i>first revision</i> )	The committee decided to reaffirm these standards and requested the concerned panels to simultaneously take up these for revision.
4)	IS 6228: 1971 Specification for poultry egg fertility tester	
5)	IS 7517: 1987 Specification for pedigree hatching boxes for poultry ( <i>first revision</i> )	
6)	IS 9800: 1993 Meat and meat Products — Day — Old chicks (Layers and Broilers) basic requirements ( <i>first revision</i> )	

## **ITEM 5 NEW WORK ITEM PROPOSAL**

### **5.1 Indian Standard on Cage Free Egg Production**

The committee examined the proposal submitted by Dr Jaydeep Rokade, ICAR-CARI Bareilly and decided to take up this new proposal for development of Indian Standard. For this purpose, the committee constituted the working group FAD32/WG 1 and decided to include following experts in the group:

- a) Dr Jaydeep Rokade, ICAR-CARI Bareilly (Convenor)
- b) Dr Santosh Haunshi, ICAR-DPR Bareilly
- c) Dr Jagbir Singh, ICAR-CARI Bareilly
- d) Dr S. K. Bhanja, ICAR-DPR Regional Station Bhubaneswar
- e) Representative from TANUVAS Chennai

## **ITEM 6: ANY OTHER**

There being no other agenda, the meeting ended with a hearty vote of thanks to the Chairperson and members.

## **ITEM 7 TIME AND PLACE FOR THE NEXT MEETING**

The next meeting of the committee has been tentatively scheduled on 9 August 2024. However, the place & venue for the meeting would be decided in consultation with the Chairperson, FAD 32.

**ANNEX-I****ATTENDANCE**

<b>Sl No.</b>	<b>Organization Name</b>	<b>Members Name</b>
1.	Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu, Jammu	Dr B. N. Tripathi ( <i>Chairperson</i> ) ( <i>Physical</i> )
2.	Animal Welfare Board of India, Faridabad	Ms Prachi Jain ( <i>Virtual</i> )
3.	Bihar Animal Sciences University, Patna	Dr Deep Narayan Singh ( <i>Virtual</i> )
4.	Department of Animal Husbandry and Dairying, Panchkula	Dr Birendra Singh Laura ( <i>Virtual</i> ) Dr R. S. Rathee ( <i>Virtual</i> )
5.	Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana	Dr Navdeep Singh ( <i>Physical</i> )
6.	ICAR-Central Avian Research Centre, Bareilly	Dr Jagbir singh ( <i>Physical</i> ) Dr Jaideep Rokade ( <i>Virtual</i> )
7.	ICAR-Central Institute for Research on Buffaloes, Hisar	Dr R K Sharma ( <i>Virtual</i> ) Dr Sushil Kumar Phulia ( <i>Virtual</i> )
8.	ICAR-Central Sheep and Wool Research Centre, Avikanagar	Dr Randhir Singh Bhatt ( <i>Virtual</i> ) Dr Srobana Sarkar ( <i>Virtual</i> )
9.	ICAR-Directorate of Poultry Research, Hyderabad	Dr Santosh Haunshi ( <i>Physical</i> )
10.	ICAR-Indian Veterinary Research Institute, Izzatnagar	Dr Subrata Kumar Ghosh ( <i>Physical</i> )
11.	ICAR-National Research Centre on Equines, Hisar	Dr Thirumala Rao Talluri ( <i>Virtual</i> )
12.	ICAR-National Research Centre on Pig, Guwahati	Dr R. Thomas ( <i>Virtual</i> ) Dr Sunil Kumar ( <i>Virtual</i> )
13.	National Dairy Development Board, Anand	Dr. R. O. Gupta ( <i>Virtual</i> )
14.	National Dairy Research Institute, Karnal	Dr Arun Kumar Misra ( <i>Virtual</i> ) Dr Surender Singh Lathwal ( <i>Virtual</i> )
15.	National Egg Coordination Committee, New Delhi	Mr Ajit Singh ( <i>Physical</i> ) Mr Bhagwati Singh ( <i>Physical</i> )
16.	National Institute of Animal Nutrition and Physiology, Bengaluru	Dr Ravi Kiran Gorti ( <i>Physical</i> ) Dr N. Ramachandran ( <i>Virtual</i> )
17.	PETA India, Mumbai	Dr Farhat ( <i>Virtual</i> )
18.	People for Animals, New Delhi	Ms Gauri Maulekhi ( <i>Physical</i> ) Ms Sunayana Sibbal ( <i>Physical</i> ) Ms Advocate Priyanka Bangari ( <i>Virtual</i> )
19.	Poultry Federation of India, Sonipat	Mr Rahul Khatri ( <i>Virtual</i> )
20.	Tamil Nadu Veterinary and Animal Sciences University, Chennai	Dr S. Meenakshisundaram ( <i>Physical</i> )

21.	Uttar Pradesh Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan University (DUVASU), Mathura	Dr Yajuvendra Singh ( <i>Physical</i> ) Dr Muneendra Kumar ( <i>Physical</i> )
22.	Food & Agriculture Department, BIS, New Delhi	Mr Pradeep Sharma (Scientist – B/Assistant Director)
<b>Special Invitees</b>		
1	National Institute of Immunology, New Delhi	Dr P. Nagarajan