

BUREAU OF INDIAN STANDARDS**Minutes**

Name of the Committee	No. of Meeting	Date	Time	Venue
Agriculture and Food Processing Equipment Sectional Committee, FAD 20	23rd	29 November 2023 (Wednesday)	11:00 AM	Virtual

CHAIRPERSON

Dr. S. N. Jha
(Chairperson, FAD 20)
Deputy Director General
(Agricultural Engineering),
ICAR, New Delhi

MEMBER SECRETARY

Pradeep Sharma
(Member Secretary, FAD 20)
Scientist-B / Assistant Director
Food & Agriculture Department,
Bureau of Indian Standards, New
Delhi

Note — Attendance is given in Annex A (see page 4-5)

ITEM 1 Welcome

Mr. Pradeep Sharma, Member Secretary of the Agriculture and Food Processing Equipment Sectional Committee (FAD 20) warmly welcomed all committee members. During the welcoming address, the committee was briefed on the progress made in the development of Indian Standards for millet processing equipment. Additionally, he provided information about the standard developing panel and the various collateral meetings that took place in relation to this initiative.

ITEM 1 CONFIRMATION OF THE MINUTES OF THE TWENTITH MEETING

The committee confirmed the minutes of the 22nd meeting of, Agriculture and Food Processing Equipment Sectional Committee, FAD 20 held on 17 October 2023 through hybrid mode (virtual & physical) as circulated to the members vide email dated 27 October 2023 without any modification.

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 20 as given in Item 2.1 of the agenda.

2.2 Composition of The Sectional Committee

The committee noted the updated composition of the sectional committee, FAD 20 as given in Annex 2 of the agenda

ITEM 4 FINALISATION OF DRAFT INDIAN STANDARDS

4.1 Draft Revision of Indian Standards related to millet processing equipment

The committee observed that four draft Indian Standards related to equipment used in the primary processing of millets were sent in WC (Wide Circulation) for a 30 day period starting on October 27, 2023. The committee duly took note of the comments received during this circulation. Subsequently, the committee duly reviewed and deliberated upon all the comments provided by Dr. R Viswanathan, Dr. Debabandya Mohapatra, Dr. S. D. Deshpande, and Dr. Ravindra Naik concerning the mentioned draft.

a) Doc. No. FAD 20 (22780) Destoner for Millets — Specification

b) Doc. No. FAD 20 (22769) Cleaner Cum Grader for Millets with Pre-Cleaner — Specification

c) Doc. No. FAD 20 (22779) Millet Dehusker — Centrifugal Type — Specification and Test Code)

d) Doc. No. FAD 20 (22781) Symbols and Flow Diagram for Primary Processing of Millets

Thereafter, the committee, after due deliberation and resolving all the comments, finalized the modified draft as listed above and decided to send it for publication. The chairperson also suggested BIS Secretariat to share the last stage document for proof reading to all the panel members.

e) Doc. No. FAD20(24218) Pearler Cum Polisher for Millets – Specification and Test Code

The committee noted that this draft is in P(Preliminary)-draft stage, which was circulated on 22 November 2023 among all the committee members for a period of 21 days. Accordingly, the chairperson suggested all the committee members to provide technical inputs (not only editorial) on the same to improve the draft. Subsequently, the committee approved the draft in advance to send it into WC (Wide Circulation) for a period of 60 days after including the inputs from the committee members received during the P-draft stage.

4.2 Doc. No. FAD 20 (20567) Spiral Grader — Test Code

As the meeting was called for a specific agenda on very short notice, and upon consideration that this agenda item is not currently urgent, the committee suggested including it in the agenda for the next meeting for due approval.

5 ToR FOR R&D PROJECTS

5.1 The committee reviewed the Draft ToR of the R&D project titled as “To Determine the Optimal Running Hours for The Long-Run Test of Agriculture and Food Processing Equipment prepared”, where the chairperson, FAD 20 recommended to circulate the draft ToR to the same panel FAD20/P16, which was involved in the development of millet processing equipment standards to seek the inputs of expert members.

5.2 The project completion timeline, as outlined in the guidelines issued by BIS is 6 months. However, in the draft Terms of Reference (ToR) for the project titled 'Sensor-based Separation of Seeds and Grain in Air Screen Cleaner Machine,' which was approved in the last meeting of FAD 20, a 12-month timeline was proposed by Dr. Vinod Kalbande. In alignment with these guidelines, the committee subsequently approved the same ToR but with a revised project timeline reduced to 6 months."

ANNEX-I**ATTENDANCE FOR****23RD MEETING OF AGRICULTURE AND FOOD PROCESSING EQUIPMENT
SECTIONAL COMMITTEE, FAD 20****Date: 29th November, 2023****Meeting: Virtual ,****Venue: Anushilan (Copper Room)****BIS HQ, New Delhi**

Sl. No.	Organization Name	Members Name
1.	Indian Council of Agricultural Research, New Delhi	Dr. Shyam Narayan Jha (Chairperson)
2.	Agriculture Machinery Manufacturers Association, Pune	Dr. Surendra Singh, Shri Mitul Panchal
3.	CCS Haryana Agricultural University, Hisar	Dr. Ravi Gupta
4.	CSIR - Central Food Technological Research Institute, Mysore	Dr. Umesh Hebbar
5.	Dr Panjabro Deshmukh Krishi Vidyapeeth, Akola	Dr. Suchita V. Gupta, Dr. Bhagyashree N. Patil
6.	ICAR - Central Institute of Agricultural Engineering, Bhopal	Dr. S. K. Giri, Dr. Ravindra Naik
7.	ICAR - Central Institute of Post-Harvest Engineering and Technology, Ludhiana	Dr Sandeep P. Dawange
8.	ICAR - Indian Institute of Horticultural Research, Bengaluru	Dr. A. Carolina Rathina Kumari Dr. S. Bhuvaneshwari
9.	Indosaw Industrial Products Private Limited, Ambala Cantt.	Dr. Vinod H. Kalbande
10.	Mahatma Phule Krishi Vidyapeeth, Rahuri	Prof. Vikram Parasharam Kad
11.	Ministry of Agriculture, Department of Agriculture, New Delhi	Shri C. R. Lohi, Shri Y. K. Rao
12.	National Committee on Precision Agriculture and Horticulture, New Delhi	Shri Anand Zambre,
13.	National Institute of Food Technology, Entrepreneurship and Management, Thanjavur	Dr. S. Bhuvana
14.	North Eastern Region Farm Machinery Training and Testing Institute, Biswanath Chariali	Dr. P. P. Rao,
15.	Northern Region Farm Machinery Training and Testing Institute, Hisar	Dr. Mukesh Jain, Er Sanjay Kumar

16.	Punjab Agricultural University, Ludhiana	Dr Sandhya Singh
17.	Tamil Nadu Agricultural University, Coimbatore	Dr. V. Thirupathi, Dr. P. Sudha
18.	In Personal Capacity	Dr. R. Vishwanathan
19.	In Personal Capacity	Shri S. D. Deshpande
20.	Food & Agriculture Department, BIS, New Delhi	Shri Pradeep Sharma Scientist – B/Assistant Director, FAD
Special Invitees		
21.	ICAR-CIAE	Debabandya Mohapatra debabandya@gmail.com
22.	ICAR	R. K. Vishwakarma rkvciphet@gmail.com