

F. No: 36-5/2018-QCC (Part)
Government of India
Ministry of Consumer Affairs, Food & Public Distribution
Department of Food & Public Distribution
(Quality Control Cell)

Krishi Bhawan, New Delhi

Dated 30.11.2022

To,

The Secretary,

Food and Civil Supplies Department,

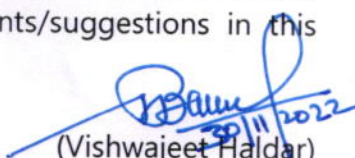
Government of.....

(All States Government/UT Administration).

Sub: Draft Operational Guidelines on Quality Control for Fortified Rice Kernels (FRK) and Fortified Rice (FR)-reg

Sir/Madam,

I am directed to forward herewith, draft Operational Guidelines on Quality Control for Fortified Rice Kernels (FRK) and Fortified Rice (FR) formulated by the S&R division under consultation with the various departments /organizations /stakeholders /developments partners. Further, it is once again requested to furnish the comments/suggestions, if any earlier or latest by 05.12.2022. If any comments / suggestions shall not be received within the prescribed time line, thereafter, it will be presumed that, the stakeholders have no comments/suggestions in this regards and department will finalize the same.


(Vishwajeet Halder)

Deputy Commissioner (S&R)

Tel: 23384784

Encl: As above.

Copy to:

1. The PPS to the Secretary (F&PD), Department of Food and PD, Krishi Bhawan, New Delhi.
2. The Senior PPS to the Secretary, Department of Expenditure, North Block, New Delhi.
3. The PPS to the Secretary, Department of School Education, Shastri Bhawan, New Delhi.
4. The PPS to the Secretary, Department of Women and Child Development, Shastri Bhawan, New Delhi.
5. The DG, BIS, Bahadur Shah Zafar Marg, New Delhi.
6. The CEO, FSSAI, FDA Bhawan, New Delhi.
7. The CEO, NITI Aayog, New Delhi.
8. The PPS to AS&FA, Department of Food and PD, Krishi Bhawan, New Delhi.
9. The PPS to the AS (P&FCI), Sr. Economic Advisor, JS (BP&PD), JS (Impex &IC), JS (Stg &PG).
10. The CMD, FCI, New Delhi.
11. The MD, CWC, New Delhi.
12. The DS(BP), DS (Policy-1), Director (PD), Director (Finance), DS (FCA/cs).
13. The President FRK, Association.
14. The President, Rice Miller Association.
15. The Development Partners: WFP/Microsave/NI.
16. The Director (Technical), NIC with request to host the same on department's website.

Operational Guidelines on Quality Control for Fortified Rice Kernels (FRK) and Fortified Rice (FR).

In pursuance of the announcement made by the Hon'ble Prime Minister in his address on the 75th Independence day, the Government of India has approved the supply of fortified rice throughout the Targeted Public Distribution System (TPDS) under the National Food Security Act (NFSA), Integrated Child Development Service (ICDS), Pradhan Mantri Poshan Shakti Nirman (PM POSHAN) and other welfare schemes (OWS) of Government of India in all states and Union Territories (UTs) in phase wise manner.

The overall objective of the scheme is to address the **anemia and micronutrient deficiencies reported in vulnerable sections of society**. Here, the Quality Control (QC) of Fortified Rice Kernel(FRK)/ Fortified Rice (FR) will play a major role in achieving the desired objectives. Further, all stakeholders involved in domestic food supply chain/social security programmes may be encouraged to ensure the quality standards of FRK & FR. To ensure that the quality product is produced and reaches to the Targeted Beneficiaries, it would require all the stakeholders to perform a proactive role in the entire ecosystem of rice fortification.

The detailed operational guidelines as mentioned below will act as a ready reference for all the stakeholders involved from production to distribution of FRK/FR throughout the country.

I. Quality Control at the level of Fortified Rice Kernel (FRK) Manufacturer/ Supplier:

- a) FRK manufacturers should have a valid FSSAI License /registration as well as quality certification such as ISO: 22000 etc.
- b) FRK manufacturer should procure the premix for FRK production from the premix supplier/vendors having valid FSSAI license of 99.5 food category as well as empanelled with FSSAI. They should also receive certificate of analysis (CoA) of the premix for micronutrient and microbiological levels adhering to FSSAI standards from FSSAI notified, NABL accredited labs, by the premix manufacturer/supplier. In addition, the details of the premix like the date of manufacturing, date of packaging, Date of expiry, etc. should be sought and recorded by the FRK manufacturer.
- c) The Standard Operating Procedure formulated by FSSAI for Fortified Rice Kernel production (issued during year 2022) may be strictly followed. In order to avoid micronutrient loss during procurement to distribution, the level of added micronutrients/fortificants should have at least the mean value of range suggested by FSSAI/BIS. FRKs to be blended with conventional rice in the ratio of 1:100 since all millers across the country have been trained and currently practicing the use of 1:100 blending ratio.
- d) Potable water shall be used for mixing of ingredients (complying Indian Standards for Potable Water Standards IS 10500: 2012 with up to date amendments).
- e) FSSAI approved emulsifiers / acid regulators / antioxidants shall be used as per the allowances prescribed in Food Safety and Standards (Food Products Standards and Food Additives) Regulations, 2011.
- f) The specifications of Rice Flour, Vitamins-Minerals premix for preparation of FRK & level of micronutrients in FRK should be as per the Food Safety Standards (Food Products, standards & food Additives) amendment regulation 2022.