

No. 24-9/2013-S&I  
Government of India  
Ministry of Consumer Affairs, Food & Public Distribution  
Department of Food & Public Distribution,

Room No. 583, Krishi Bhawan,

New Delhi Dated: 18<sup>th</sup> December, 2013

To

The Secretary/Deptt. of Agriculture State Govts./U.T	Andhra Pradesh/Karnataka/Kerala/Odisha/ TamilNadu/Pondicherry/Goa/Maharashtra Lakshadweep
The Secretary (Food & Civil Supplies) State Govts./U.T	-do- -do-
The Director (Agriculture), Govt. of	-do-
The Director (Food & Civil Supplies) Govt. of	-do-
The Vice Chancellor, Agriculture University	-do-
The Managing Director, State Warehousing Corporation	-do-
The Chairman & Managing Director, FCI, New Delhi	
The Managing Director, CWC, New Delhi	
The Managing Director, NCDC, New Delhi	

Sub: Long Term Training Course (**Batch No. 64**) on Scientific Method of Storage & Inspection of Foodgrains at the Indian Grain Storage Management & Research Institute (IGMRI), (FS), Hyderabad-reg.

Sir,

I am directed to say that the next Long Term Training Course (**Batch No. 64**) on Scientific Method of Storage & Inspection of Foodgrains at the Indian Grain Storage Management & Research Institute (IGMRI), Hyderabad is scheduled to commence from **15/01/2014 to 25/02/2014**. The duration of the course will be Six weeks and the course will be conducted in English/Hindi Language.

2. A copy each of the details of the training course, prescribed proforma for application and the syllabus are enclosed. The course is meant to cater to the needs of officials working with the large scale Grain Storage Units, Post Harvest Grain Technology Extension and Public Distribution agencies to ensure suitable quality control measures during procurement, storage, transportation and distribution of foodgrains.

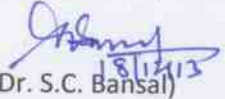
Contd.2/-

3. No course fee is charged for this course from Government employees. However, course fee of Rs. 5,000/- from Private Candidate and Rs. 2,500/- from student will be charged. No fee will be charged from students of SC/ST category. The trainees however, will have to bear expenses on boarding, lodging and compulsory study tour of 5-7 days duration. Accommodation in the Hostel attached to the Institute is provided on "First come-First served" basis, at the approved rates.

4. You are requested to sponsor suitable candidates belonging to your organization for admission to the above course. **The last date for receipt of nomination (s) by this Department is - 08/01/2014.** The nomination (s) received after this date will not be entertained.

5. It may kindly be noted that withdrawal of name (s) after the nomination of the candidate (s) will not be entertained. The withdrawals of nomination and/or not deputing the candidate (s) result in non-utilization of seats for other candidates. It is, therefore, requested that the nomination may be made only after ensuring that the candidate (s) will be deputed for the above course.

Yours faithfully,

  
(Dr. S.C. Bansal)

Deputy Director (S&R)

Tel: 23383915

Encl: As above

Copy To:-

1. Managing Directors of Food & Civil Supplies Corporation of all the above States/UT	For sponsoring suitable candidates. Andhra Pradesh /Karnataka/Kerala/Odisha/ TamilNadu/Pondicherry/Goa/Maharashtra/ Lakshadweep
2. Zonal Manager/Sr. Regional Manager, FCI	
3. Regional Manager (CWC)	

Copy for information to:-

1. The Director, Indian Grain Storage Management & Research Institute Hapur.
2. The Officer-In-charge, Grain Storage Management & Research Institute FS, Ludhiana/Hyderabad & QCC offices

13

ANNEXURE-A

SYLLABUS FOR LONG TERM TRAINING COURSE ON SCIENTIFIC  
METHOD OF 'STORAGE' AND 'INSPECTION OF FOODGRAINS

**A. STORAGE**

1. General problems of storage of foodgrains at commercial/farm level.
2. Food policy of India a profile.
3. Source and detection of insect infestation in stored foodgrains.
4. Factors responsible for storage loss in foodgrains.
5. Traditional and modern methods of foodgrain storage.
6. Insect pest of stored grains and milled product, their identification, biology and nature of damage.
7. Control of stored grain insect pest.
8. Vertebrate pest and their control.
9. Toxic contaminants in foods, their effects and prevention.
10. Pesticide contaminants, tolerance limit of residues, anti-dots and precaution for safe handling of pesticide.
11. Pesticide formulation, their physical, chemical and biological property, method of handling application and their efficacy.
12. Principle of scientific godown construction. Metallic and non-metallic structure and their specifications.
13. Role of moisture in godowns, its measurement in foodgrains and milled product.
14. Godown management and code of storage practices.
15. Warehousing in India.
16. Principle for godown sanitation and hygiene.
17. General regulations applicable to grain stockist.
18. Scientific storage of fertilizer, onion, sugar and jaggery.
19. Safe storage of cereal seeds.
20. Fire fighting procedure.
21. Security measures in Ware house complex.
22. Fumigation of foodgrains by different fumigants including Methyle bromide.
23. Use of safety equipments such as phosphine detection, gas mask, etc.

Contd 2/-

4

B. INSPECTION

1. Foodgrain production in the country-a background.
2. Morphology of cereals (wheat, rice, paddy etc.) their constituents and milling procedures.
3. Pulses, their important varieties, constituents, milling procedures.
4. Milling, processing, packaging of foodgrains and their finished products.
5. Handling and transportation of foodgrains, calculation of LAS.
6. Marketing practices of foodgrains and their procedure in India.
7. Inspection of foodgrains terminology, necessity and utility.
8. Sampling techniques and Grading of foodgrains.
9. Grain quality during storage of foodgrains, i.e., categorization, classification, grade designation, etc.
10. Uniform specifications of wheat, rice, paddy, maize, etc.
11. Damaged foodgrains, their categorization and disposal procedures.
12. Maintenance of godown accounts and book-keeping.
13. Consumer Protection Act and its importance.
14. General regulations application to grain stockist.
15. P.F.A and its importance.
16. Maintenance of aptitude and code of ethic by the civilian employees on equity justice dutifulness, integrity empathy and compassion during the service.
17. Warehouse receipts of foodgrains.
18. Minimum support price and Central Issue Price, their calculation and importance.
19. Issue of foodgrains to the State Government and their agencies for TPDS and other welfare schemes.

(5)

DETAILS OF ADMISSION TO LONG TERM TRAINING COURSE ON  
SCIENTIFIC METHOD OF 'STORAGE' AND 'INSPECTION' OF  
FOODGRAINS

1.	Type of course	Certificate course at Indian Grain Storage Management and Research Institute, Hapur, Ludhiana and Hyderabad
2.	Duration of course	Six weeks duration including 5 to 7 days excursion tours to various Organizations/Industries dealing with handling and storage of foodgrains.
3.	No.of seats	40( Forty)
4.	Syllabus	As per Annexure 'A'
5.	Procedure of admission	The trainees have to submit their candidature on prescribed form as per Annexure 'B' to the Joint Commissioner(S&R), Ministry of Consumer Affairs, Food & Public Distribution, Department of Food & Public Distribution, Krishi Bhawan, New Delhi-110001. In case seats are available, private candidates can be admitted by /Director, IGMRI, Hapur under intimation to the Department.
6.	Educational Qualification	(i) Applicant should possess degree in Agriculture/Biology/Science or equivalent. (ii) Adequate knowledge of English (iii) Educational qualifications are relaxed for the persons having experience in the field of storage and inspection of foodgrains. (iv) Private trainees have to produce a fitness certificate from a Registered Medical Practitioner.
7.	Fee	(i) Candidates from private firms –Rs.5000/- (ii) Candidates sponsored by Govt. Agencies/Autonomous bodies- 'NIL' (iii) Students (per candidate) – Rs.2,500/ (iv) No fee will be charged from the student of SC/ST category
8.	Hostel/Boarding charges	Double-bed, well furnished cubicles with or without attached toilet are available at the rate of Rs. 50/- per bed per day.( sponsored by Govt.,semi Govt. agencies) Private Trainees (Student and Farmers) at the rate of Rs. 10/- A canteen attached with the hostel is run by private contractor on payment basis.
9.	Evaluation	At the end of the training, the trainees are required to appear in theory and practical examination. Only trainees securing minimum 40% marks in aggregate in theory and practical are awarded the certificate.
10.	Other facilities	(i) Well equipped library, Workshop, Laboratories. (ii) Recreation facilities are also available in the Institute

Note: The candidates are not allowed for admission after commencement of the training course. However, with valid reason to the satisfaction of Director/Officer In charge of IGMRI, the candidate can be allowed upto 3 days after commencement of the training course.

65

Government of India  
Ministry of Consumer Affairs Food & Public Distribution  
Department of Food Public Distribution  
**INDIAN GRAIN STORAGE MANAGEMENT & RESEARCH  
INSTITUTE, Hapur/Hyderabad/Ludhiana**

**APPLICATION FOR ADMISSION TO LONG TERM TRAINING  
COURSE**

1. NAME OF APPLICANT:
2. FATHER'S NAME:
3. DATE OF BIRTH:
4. QUALIFICATIONS:

S.No.	Name of the Board/Universities	Name of the Examination passed	Subjects	Year	Division

5. EXPERIENCE in storage of foodgrains if any:
6. WHETHER THE APPLICANT BELONGS TO SC/ST:
7. POSTAL ADDRESS:
8. ADDRESS OF THE CONTROLLING/SPONSORING/AUTHORITY  
(In case of employed person)

Certified that I shall abide by the discipline at the Institute during the period of training.

Signature of Applicant

Remarks of the recommending Authority

Date:

Signature

Place:

Designation: