



**केन्द्रीय भण्डारण निगम**  
(भारत सरकार का उपक्रम)  
**CENTRAL WAREHOUSING CORPORATION**  
(A GOVT. OF INDIA UNDERTAKING)



जन जन के लिए भण्डारण - WAREHOUSING FOR EVERY ONE

No.CWC/Tmg./TQC.-11/2017-18

Dated: Jan.16, 2018

**15 days residential Short Term Training Course on "Storage Pest Management & Fumigation" - March 05-19, 2018 at Hapur**

With the approval of the Competent Authority, the following officials are deputed for the above residential training programme to be held at CWC Training Institute at Indian Grain Storage Management & Research Institute (IGMRI) Campus, Near FCI Silos, Meerut Road, Hapur-245101 (U.P.) w.e.f. March 05-19, 2018:-

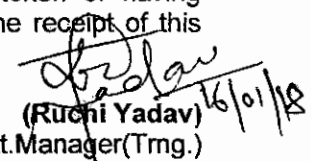
S.No	Region	Name	Designation	Place of Posting
1.	Chennai	Sh.Binay Kumar	JTA	CW Chrompet
2.		Sh. P.P.Dijesh	JTA	CW Singanallur
3.	Bangalore	Sh. Naresh Kumar	JTA	PCS, Whitefield
4.		Sh. C. Harish Reddy	JTA	CW Gulbarga-II
5.	Panchkula	Smt.Anju Malik	TA	CW Rohtak
6.	Lucknow	Ms.Alka Yadav	JTA	CW Hardoi

Trainees shall be treated as on tour for the period of their training at Hapur. They are advised to obtain adequate TA advance for the tour from their respective regions. **No TA advance will be paid by CWC at Hapur. Board arrangements have been made by CWC for the participants at the hostel / Institute which includes morning tea, breakfast, lunch & dinner with two tea in classroom.**

They are advised to report for training on **05.03.2018 at 9.30 a.m.** sharp in the CWC's Lecture Hall at IGMRI Campus, Hapur in order to get full benefits of training.

Number of trains stop at Hapur Railway Station and trains are also available for Hapur from Old Delhi Railway Station. Buses bound for Hapur are available from Inter State Bus Terminal (ISBT), Anand Vihar, New Delhi-14. Anand Vihar (Kaushumbi) is well connected with Metro. DTC buses are also available from Sarai Kale Khan, Bus Terminal for Hapur.

**In case, any official has already undergone Short Term Training Course, he/she should not attend this training course.** However, a copy of training certificate in token of having undergone the training should be sent to the undersigned within seven days of the receipt of this Office Order, under intimation to concerned RM.

  
(Ruchi Yadav) 16/01/18  
Sr.Asst.Manager(Tmg.)

**To : All Individuals** - It is also requested to please email your mobile no. to Training Incharge and date & time of arrival at Hapur for making necessary arrangements at the Institute.

List of topics to be discussed during the said training programme are enclosed herewith for your preparation and deliberation, please. You are requested to go through these topics in advance, to come prepared for better interaction with the faculty.

**Encl: As above**

**CC:**

1. The Regional Manager, CWC, RO, \_\_\_\_\_ - with the request that the concerned officials are relieved well in time for training. Since this programme is on **residential basis**, all **boarding/lodging (Hostel) have been made by CWC, Hapur**, therefore, payment of DA to the participants is to be made accordingly. Adequate TA advance may be sanctioned to the concerned officials to enable them to meet the expenses for to & fro journey. No official be withheld without prior/express permission of Group General Manager (Pers.).
2. Accounts Incharge, CWC, RO, \_\_\_\_\_ - for doing the needful as mentioned at Sl.No.1.
3. MIS Division, CO-with the request to please upload this training order to CWC website.
4. The Training Incharge, CWC Training Institute, IGMRI campus, Near FCI Silos, Meerut Road, Hapur(U.P.)-245101, Telefax: 0122-2303238 Hostel: 0122-2303239 E-Mail: [trgcell.cwchapur@gmail.com](mailto:trgcell.cwchapur@gmail.com)
5. The Warehouse Manager/Manager, CW/CFS/ICD \_\_\_\_\_
6. Guard File

## ANNEXURE-A

### **SYLLABUS FOR SHORT TERM TRAINING COURSES ON STORAGE PEST MANAGEMENT AND FUMIGATION FOR PEST CONTROL OPERATION AT INDIAN GRAIN STORAGE MANAGEMENT & RESEARCH INSTITUTE, HAPUR - 245101**

1. General problems of storage of foodgrains.
2. Sources and detection of infestation in stored foodgrains.
3. Factors responsible for storage loss in stored foodgrains.
4. Insect/pest of stored grain and milled products, their identification, biology, nature, damage, detection and control.
5. Termite and their control
6. Rodents, identification, nature of damage and their control.
7. Toxic contaminants in foodgrains their ill effect and prevention.
8. Pesticides tolerance limits of residues, antidotes and precautions and safe handling of pesticides.
9. Pesticides, their formulation physical, chemical and biological properties, methods of handling, application and factors affecting their efficacy.
10. Principles of scientific godown construction of metallic and non-metallic storage structures and their specifications.
11. Role of moisture in spoilage of stored grain, moisture migration, measurements of moisture content in foodgrains and milled products.
12. PFA and its importance.
13. Role of regulating agencies & responsibilities of Fumigation Operators.
14. General principles of fumigation, different types of fumigants such as Methyl Bromide, Aluminium Phosphide etc. and precautions in their use.
15. Proper fumigation practices, scheduled dosage of fumigants, application of fumigant in gaseous state, proper gas distribution, right exposure period, correct concentration time products, proper understanding of temperature, atmospheric pressure, moisture, dosage relationships, etc.
16. Testing for gas leakage measuring and use of phosphine monitor.
17. Use of safety equipment, first Aid and safety precautions.
18. Factors contributing to success, failure of fumigant.
19. Record management, etc.
20. Procedure for inspection of foodgrains, terminology necessity and utility.
21. Production of foodgrains in the country.
22. Quality of foodgrains, its maintenance during storage of foodgrains, i.e., categorisation, classification grade designation, etc.
23. Insecticide Act.

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