



**WORKSHOP ON
RECOGNITION, EVALUATION, AND CONTROL
OF CHEMICAL HAZARDS AT
WORKPLACE**

Conducted by:

Environmental Engineering Division

FROM

(09th to 13th July, 2018)

AT

Central Labour Institute

Directorate General Factory Advice Service & Labour Institutes

Ministry of Labour and Employment

Government of India

N S Mankikar Marg

Sion, Mumbai – 400 022

INTRODUCTION

Each and every working area of an industry possesses different air-pollutants both- chemicals and physicals. Heat, noise, etc are the popular and common physical pollutants and chemicals in the form of dust, fumes, etc are termed as chemical pollutants. Engaged personnel in the work floor are the helpless recipient of exposures either within safe limit or more than safe limit. In reality physical and chemical hazards are present in same working area together creating a complex working condition. There is an urgent demand to identify the nature as well as type of hazards and also to evaluate the level of exposure with the objective to bring down the exposures within safe limit. Management personnel have to carry the responsibility to protect their work force by providing safe working environment initiating different actions. This institute is also fulfilling the duties in last more than fifty years on behalf of Government of India by spreading the techniques and knowledge among the industrial personnel to protect their workforce from work environment hazards.

Keeping a view on above , a five week training workshop has been designed on 'Recognition, Evaluation and Control of Chemical Hazards at Workplace' by the Industrial Hygiene division of Central Labour Institute to render such knowledge and training from 9th to 13th July,2018 at Central Labour Institute, Mumbai. It is now the duty and responsibility of management of Industries to utilize the opportunity by joining us in this venture/endeavor to protect our future work force from occupational diseases. The five days may bring you a cost effective and bright future with respect to productivity and development of hazard free Industries in India.

OBJECTIVES

The training workshop is being organized to impart the knowledge and skills to the personnel engaged for:

- Recognition and understanding of the effects of exposure to industrial chemical.
- Evaluation of the level of exposure through air-sampling and determination.
- Interpretation of evaluated data.
- The systematic approach for the reduction of excessive exposure by education, training, installing appropriate control measures, etc. to bring down the exposure within safe limit.

CONTENTS

- Provisions contained in the Factory Act relating to Occupational Safety and Health.
- Monitoring techniques to determine the exposures from chemical pollutants of workers in work floor.
- Hazards of Chemicals in workplace.
- Laboratory techniques behind air-sampling and determination of pollutants.
- Biological monitoring of exposed workers .
- Control measures of Industrial hazards.
- Deleterious Effects/Health Hazards arises from the exposures to Industrial pollutants.
- Selection, care and use of PPE to protect workers.
- Case Studies.

FACULTY

The faculties of the Central Labour Institute, Mumbai and Guest Faculties from reputed institutes will conduct the course.

LEVEL OF PARTICIPANTS

The Executives/middle management engaged in production and maintenance, Safety professionals, Environmental Engineers, Industrial Hygienists, Safety Committee members, Trade Union representatives etc.

MODE OF TRAINING

Class room lectures, Lab. Demonstration, Group Discussions, Audio Visual and Case Studies.

DURATION 9th to 13th July , 2018
TIMINGS 10.00 a.m. to 5.00 p.m.
VENUE Central Labour Institute,
Sion, Mumbai. 400 022

NOMINATION FORM ENCLOSED

FEES:

Institute Fee

Rs.1525/- per participant is to be paid by a **Demand Draft/Cheque** payable at Mumbai in favour of **CENTRAL LABOUR INSTITUTE, MUMBAI.**

a) Other Expenses

Rs.4000/- per participant in cash, to be paid on the first day of the programme, to meet the cost of programme stationery, training manual, refreshments, etc. These expenses will be managed by a managing committee elected amongst the participants for this purpose. This part of the fee will be acceptable only in **CASH.** Receipt of the amount will be issued by the managing committee only.

It is to mention that this institute does not accept any other mode of payment except through Cheque/DD/Cash. Request for invoice in this connection is also not entertained at this institute.

ACCOMMODATION

Limited non-family, non-AC, shared accommodation in the CLI hostel is available for outstation participants at the rate of Rs. 50/- per participant per day. Those who are interested for hostel accommodation may indicate so in the nomination letter. The accommodation is made available on first-come-first-served basis. Interested participants/organisations may forward their nomination(s) along with the Institution fee **on or before 2nd July, 2018.**

CONTACT DETAILS

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NOMINATION FORM

WORKSHOP ON RECOGNITION , EVALUATION AND CONTROL OF CHEMICAL HAZARDS AT
WORKPLACE (FROM 9TH TO 13TH July,18)

1.a. Name and designation of the Participant/(s):
(Block Letters)

1.b. Contact details of the participant/s :

Landline No.

Mobile No.

e-mail No.

2.a. Name and address of Sponsoring Authority:

2.b. Contact Details of Sponsoring Authority :

Landline No.

Mobile No.

E-mail No.:

3. Accommodation:

Required/ Not Required

4. Amount of Institute Fee enclosed

4.a. Cheque No./ DD No.

(Please enclose a copy of the cheque or DD)

Place

Signature of Participant/(s)