



GOVERNMENT OF INDIA  
MINISTRY OF LABOUR & EMPLOYMENT  
CENTRAL LABOUR INSTITUTE, MUMBAI

(An ISO 9001:2015 certified Institute)  
(Major Hazards & Chemical Safety Division)

### WORKSHOP

“Hazard & Operability Study”

(6<sup>th</sup> to 8<sup>th</sup> November, 2024)

#### ABOUT TRAINING

The amendments to The Factories Act, 1948 amended in 1987 and enactment of the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 have placed additional responsibilities on the managements for proper management of hazardous process. As per the Factories Act 1948 and MSIHC Rules 1989 4(2) hazard identification is mandatory. Hazard and Operability study is one the well recognized techniques widely used world-over for this purpose. It demands a systematic & critical examination of process & engineering intentions of new or existing facilities to assess the hazard potential of mal operation or mal function of individual items of equipment and their consequential effects on the facility as a whole. It can even be applied at design stage to visualize hazards so that necessary corrective measure can be incorporated.

In order to provide comprehensive information on various aspects of HAZOP, the Central Labour Institute, Mumbai is organising a 03 day's Workshop on “Hazard & Operability Study” from 6<sup>th</sup> to 8<sup>th</sup> November, 2024.

### An ISO 9001:2015 Certified Institute

#### OBJECTIVE

The objective of this Workshop is to provide comprehensive practical knowledge HAZOP in Process industries and Chemical storages.

#### COURSE HIGHLIGHT

- National Policy: Occupational Safety, Health & Environment at workplace
- Statutory provisions relating to Hazardous Process & Hazard Identification
- Hazard Identification Techniques
- Concept of HAZOP & Its Benefits
- Methodology & Procedure for carrying out HAZOP
- HAZOP in Process Industries
- HAZOP in Chemical Storages
- Programming of the HAZOP Study
- HAZOP Exercises

#### PARTICIPATION

Factory employees involved in process, administration, Safety Officers/ Supervisor/professionals, Medical professional, emergency responders and Enforcement Officers etc

#### DATE AND TIMINGS

03 days –6<sup>th</sup> to 8<sup>th</sup> November, 2024  
from 10.00hrs to 1700 hrs.

#### VENUE

Central Labour Institute , Sion Mumbai

#### ADMINISTRATIVE DETAILS

**Institution fee @ Rs 5000/-** (Rs Five thousand only)per participant through Bharatkosh portal (<https://bharatkosh.gov.in>) may be deposited online byusing the following steps **after nomination confirmed from Course Coordinator**. Institution fee does notinclude any refreshment.

#### Payment procedures:

- ❖ Log in to <https://bharatkosh.gov.in>
- ❖ Quick Payment
- ❖ Ministry: 021 Labour & Employment
- ❖ Purpose: Training fee or Course fee of the workshop conducted
- ❖ Pay & Account Office (PAO): 030263 - PAO (DGFASLI), Mumbai
- ❖ DDO Code : 230265 (Central Labour Institute, Mumbai)

Remarks: MHS

ACCOMMODATION:

Hostel facility has been declared unsafe.

#### NOMINATION

Nomination may be sent by email to the Director (IH) & In-Charge, Major Hazards & Chemical Safety Div, Central Labour Institute, Mumbai , 400022, on or before **3<sup>rd</sup> November , 2024.**

**Admission to the programme is subject to confirmation from this Institute.**

#### Course Coordinator:

Dr. S. B. Mishra, Director (IH)/  
Major Hazards & Chemical Safety  
Phone No.:022-24060539, 9840325244  
E-mail: [cli-mahc@dglasli.nic.in](mailto:cli-mahc@dglasli.nic.in) ,  
[sm@dglasli.nic.in](mailto:sm@dglasli.nic.in)

# **NOMINATION-CUM-REGISTRATION FORM**

## **WORKSHOP**

**“Hazard & Operability Study”**

**(6<sup>th</sup> to 8<sup>th</sup> November, 2024)**

**AT**

**CENTRAL LABOUR INSTITUTE SION, MUMBAI -400022**

### **PARTICIPANT’S DETAILS**

Name (Block Letters) :

Designation :

Address for Communication :

Age :

Qualification :

Total Experience :

Mobile No. :

### **DETAILS OF SPONSORING ORGANIZATION**

Name & Address :

Telephone No. / Mobile No. :

E-mail :

Fax No. :

### **PAYMENT DETAILS**

**:Bharatkos receipt number**

**dtd.**

(GEN / SC/ ST / OBC / PH / NER\*)

\*=North Eastern Region

SIGNATURE