



GOVERNMENT OF INDIA
MINISTRY OF LABOUR & EMPLOYMENT
CENTRAL LABOUR INSTITUTE, MUMBAI
(INDUSTRIAL SAFETY DIVISION)

**Training Programme on
“Hazard Identification and
Risk Assessment”
12th - 14th July, 2022**

ABOUT DGFASLI

DGFASLI is an attached office of the Ministry of Labour & Employment, Government of India and serves as a technical arm to assist the Ministry in formulating national policies on occupational safety and health in factories and docks. It also advises factories on various problems concerning safety, health, efficiency and well - being of the persons at work places.

ABOUT THE COURSE

Prevention of human and property losses is integral to the operation and management of chemical process plants. This may be achieved through the selection of a technology that is inherently safe. Alternatively safety of plant design and/ or operation can be audited by the application of hazard identification and risk analysis techniques, and adopting measures suggested by the analysis. The latter approach constitutes Quantitative Risk Analysis (QRA). The programme aims at imparting knowledge to describe specific techniques to prevent human and property losses in the operation and management of process plant. The overall

methodology presented in this course allows systematic identification of hazards as well as quantification of the risks associated with the operation of process plants.

OBJECTIVE

The objective of this programme is intended for safety professionals and engineers in the areas of chemical plant safety to upgrade safety performance of the plants and covers the methods of identifying, assessing and reducing hazards including evaluation and selection of methods for particular applications.

COURSE HIGHLIGHT

- IS 15656 : 2006
- What-if analysis
- Fault Tree Analysis
- Failure modes and effects analysis
- Hazard and operability study
- Event Tree Analysis
- Process Hazard Analysis
- Consequence Analysis Methodologies
- Risk Calculation
- Risk Analysis Technique
- Preparation of HIRA Sheet

PARTICIPATION

Safety Managers, Safety Officers and Chemical Engineers connected with Process Safety.

DATE AND TIMINGS

**Two days – 12th - 14th July, 2022
from 1000 to 1700 hrs.**

VENUE

Conference Room of Central Labour Institute, Main Building, Sion, Mumbai – 400 022

ADMINISTRATIVE DETAILS

Institute fees: Institute fee @ Rs.5000- (Rupees Five thousand only) per participant is payable through bharatkosh. Fees once submitted will not be refunded/ adjusted.

- ❖ Login to <https://bharatkosh.gov.in>
- ❖ Quick Payment
- ❖ Ministry: 021 Labour & Employment
- ❖ Purpose: Other receipts unde service and service fees
- ❖ Pay & Account Office (PAO): 030263 - PAO(DGFASLI), Mumbai
- ❖ DDO Code : 230264 (DGFASLI HQs, Mumbai)

Remarks: Hazard Identification and Risk Assessment

ACCOMMODATION:

Limited accommodation on sharing basis is available in the Institute hostel at nominal rates on first-come-first served basis. Request for hostel accommodation should be communicated well in advance (for outstation nominees only).

NOMINATION

Nomination may be sent, to reach the Director-In-Charge, Industrial Safety Division, Central Labour Institute, N.S. Mankikar Marg, Sion, Mumbai –400 022, on or before **11th July, 2022.**

Course Coordinator - Sri S. Datta Choudhury – Dy. Director (Safety), Mobile No. 7003008407.
Admission to the programme is subject to confirmation from this Institute.

Phone : 022 – 24060 570 /555

Website www.dgfasli.nic.in

E-mail : safety@dgfasli.nic.in / sd@dgfasli.nic.in

NOMINATION-CUM-REGISTRATION FORM

“Hazard Identification and Risk Assessment”

(12th - 14th July, 2022)

AT

CENTRAL LABOUR INSTITUTE, SION, MUMBAI – 400 022

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. :

Accommodation : Required / Not Required

PAYMENT DETAILS : **bharatkosh receipt number** **dtd.**

BELONGS TO :- :

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

*=North Eastern Region

SIGNATURE