



National Safety Council of India

NSCI'S VIRTUAL CLASSROOM TRAINING PROGRAM ON "HIRA Methodologies for Workplace Safety"

18 November 2025 (Time : 01 : 00 PM – 05 : 00 PM)



PERSPECTIVE: Hazard is a source or a situation having potential to cause harm as human injury, ill health, damage to property, damage to environment or a combination of these. Hazard Identification is the process of recognizing a hazard in existence and defining its characteristic / impact. Similarly, Risk is the combination of frequency or probability of occurrence of an event and the damage caused by the event. Risk Assessment is the overall process of estimating the magnitude of risk and deciding whether the risk is tolerable. Globally all safety Management Systems considers Hazard Identification and Risk Analysis (HIRA) as corner stone to establish a sound safety systems. Moreover, industries are required to carry out HIRA for their different activities/operations as per statutory requirements. These include the Factories Act, 1948 and Rules made there under, the Manufacture, Storage and Import of Hazardous Chemicals Rules 2000, EIA Notification under the Environment Protection Act 1986, etc. Considering importance of HIRA, the Bureau of Indian Standards has brought out a complete standard titled "Hazard Identification and Risk Analysis – Code of Practice" IS 15656:2006 and new standard IS 18347 : 2023. It provides detailed guidance on Quantitative & Qualitative Procedures. This training program has been designed to create awareness on HIRA and provide practical guidance on carrying out HIRA for industrial operations/activities.

OBJECTIVE: On completion of this program, the participant will be familiarized with the Hazard Identification and Risk Assessment procedures and how it can be utilized in their premises.

TOPIC: This virtual classroom training program will cover following topics:

- Introduction to Hazard Identification & Risk Assessment.
- Techniques of Hazard Identification
- Quantitative Analysis Methods
- Preparation of Report on HIRA
- Requirement of HIRA in OHS Management System
- Statutory Provisions on Hazard Identification & Risk Assessment.

TRAINING METHODOLOGY: This program will be conducted in 4 hours video-based session.

WHO SHALL ATTEND: Design Engineers, Process Engineers, Middle-Level Management Personnel from Production/ Operations/Projects, Safety Professionals - Safety Officers, Safety Committee Members, Instrumentation/ Maintenance Engineers. etc.

FACULTY: Expert from the approved member of expert panel of National Safety Council

PAYMENT DETAILS: Online payment should be made. Bank details are as follows.

(The details of electronic transfer should be intimated to NSC by email for confirmation of nomination)

RISK MATRIX						
↑ PROBABILITY	Very Likely - 5	9	18	15	30	25
	Likely - 4	6	12	10	20	16
	Possible - 3	3	6	5	12	9
	Unlikely - 2	2	4	3	8	6
	Very Unlikely - 1	1	2	1	4	3
		1	2	3	4	5
SEVERITY →						
	Negligible	Slight	Moderate	High	Very High	
Risk	Risk Level	Action				
1 to 6	Low Risk	May be acceptable but review task to see if risk can be reduced further				
8 to 12	Medium Risk	Task should only be undertaken with appropriate management authorization after consultation with specialist personnel and				
15 to 25	High Risk	Task must not proceed. It should be redefined or further control measures put in place to reduce risk. The controls should be				



- Login details will be sent separately to registered email-id of participants before commencement of the program.
- Certificate (soft copy) will be issued to participants on successful completion of the programme.
- Fees once paid neither be refunded nor be adjusted.

PROGRAM FEE : Rs. 4000/- plus 18% GST (Total Rs. 4720/-) per participant

For additional details visit : <https://nsc.org.in/> or write to us on trainingnational@nsc.org.in or contact

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Address : National Safety Council, Plot No. 22 A, Institutional Area, Sector 15, CBD Belapur, Navi Mumbai - 400 614

Name of the Bank	Bank of India
Address of the Bank	Plot No. 11, Sector - 11, CBD Belapur, Navi Mumbai - 400 614
Bank Account Number	011620100005233
Bank Branch MICR Code	400013106
Bank Branch IFSC Code	BKID0000116
NSC's Income Tax PAN	AAATN3069N
NSC's Service Tax No.	AAATN3069NSD001
NSC's GST Number	27AAATN3069N1Z4
HSN/ SAC Code	999293
Service Category	Commercial Training or Coaching

