

Training Programme on Emergency Response Plan & Fire Accident Investigation

Mode: Online – Virtual Programme
Date: 24th-25th Nov, 2022 | **Time:** 2:00 PM - 5:30 PM

For Online Registration kindly Click Here
(<https://registrations.ficci.com/tpersa/online-registration.asp>)

Federation of Indian Chambers of Commerce & Industry (FICCI) in collaboration with IITC is organising an Online Certification Programme to help professionals sharpen their knowledge.

Emergency Response Planning (ERP) is an integral part of the overall loss control programme and is essential for each organization. The ERP is important for effective management of an accident to minimize the losses to the people and property, both on-site & off-site. The important aspect in emergency management is to prevent by technical and organizational measures, the unintentional escape of hazardous materials / event out of the facility and minimize accidents, vulnerabilities and losses.

Emergency planning demonstrates the organizational commitment to the safety of employees. ERP demonstrate to identify all preventive measures, control mechanism for identified risk scenarios. Case studies & Success Stories from various industries would be discussed interactively provoking participants to clear their practical doubts faced during ERP and Fire Accident Investigation.

Target Participants

- HSE/Safety Officers
- Electrical/Mechanical Team
- Operations & Maintenance Team
- Health, Safety & Environment Team
- Production Team
- Logistics, Transportation Team
- HR/Trg/Planning Team
- Purchase & Design Team
- Construction & Engineering Team
- HSSEQ Team & Other Functions

Participation Fee

FICCI Member:
Rs.9000 +18% GST

Others:
Rs.10000 +18% GST

Early Bird Discount:
10% Discount on Registration Fee for 3 or More Participants from Same Organisation



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Module I: Introduction & Main Objective of Emergency Plan

- Identify the hazards and risk
- Decide action to be done during emergency
- Preparations for potential and unexpected incidents at the workplace.
- Prevention, Mitigation, Preparedness, Response & Recovery

Module II: Key Elements

- Classification and identifying potentially hazardous situations.
- Assessment of the risks.
- Pre-emergency planning.
- Emergency mitigation measures.
- Emergency preparedness measures.
- Emergency response procedures and measures.
- Emergency organization and responsibilities.
- Infrastructure requirements
- Procedures for declaration of on-site and off-site emergency
- Resources for controlling emergency
- Demographic information.
- Medical facilities.
- Evacuation.
- Public relations and information to public.
- Reporting of the incident; Emergency recovery procedures.
- Emergency plans for tank trucks and pipelines carrying hazardous products;

Module III: Pre-Emergency Preparedness

- Information on the preliminary hazard analysis
- Type of accident
- System elements or events that can lead to a major accident
- Hazards
- Safety relevant components
- Details about the site
- Location of dangerous substances
- Seat of key personnel
- Emergency control room
- Description of hazardous chemicals at plant site
- Chemicals (Quantities and toxicological data)
- Transformation if any, which could occur
- Purity of hazardous chemicals
- Likely dangers to the plant
- Enumerate effects of Accident
- Stress and strain caused during normal operation
- Fire and explosion inside the plant and effect if any, of fire and explosion outside.

Module IV: Common Accidental Fire Causes

- Heating equipment
- Cooking equipment
- Smoking and related fires
- Energized electrical equipment
- Flammable/combustible liquids
- Open flames and sparks
- Spontaneous heating leading to ignition
- Wild land fires and causes.
- Low temperature ignition and accidental fires
- Other accidental fire causes

Module V: Fire Incident Investigation

- Introduction
- What is Fire Investigation
- Reasons for Investigation
- Fire Scene Investigation – An Overview
- Writing of Investigation Report
- Testimony in Court
- Conclusion

Module VI: Fire Scene Investigation

- Learning Objectives
- Explain the duty and responsibility of fire investigator at fire scene.
- Explain the systematic fire scene investigation technique.
- Explain the rationale behind fire scene reconstruction
- State the stages involved in fire scene documentation



Inaugural Address

Dr R K Elangovan

Director General, DGFASLI

Ministry of Labour and Employment, Govt of India

He is B. E (Mech), M. Tech (Machine Design) and Ph. D (Industrial Safety).

He has worked as a factory Inspector for seventeen years in Government of Tamil Nadu enforcing safety and health regulatory measures. He is presently holding the stature of Director General, DGFASLI, Min. of Labour & Employment, Govt. of India and has published numerous Technical Papers and Research Studies on Occupational Safety & Health in Industries.



Theme Technical Speaker

Mr. Vedprakash Singh

Mr. Vedprakash Singh, Technical Director-IITC has over 25 years of extensive industrial experience in Chemicals/Petrochemicals, Oil Refineries, Oil & Gas upstream (onshore & offshore)

and EPC as HSE expert, he has focused his career to pursue his passion for Process Safety / Technical Safety / Design HSE/ Fire Engineering, Commissioning/Decommissioning & Occupational Safety. Exposure to mature systems through working in multinationals like Reliance/ GACL/ M&M/ TSIL/ Cairn/ ADNOC/ ENOC/ Penspen/ OMV/ Eni, and Qatar Petroleum. Mr. Singh brings the best of the best from industry practices.

The diverse experience Mr. Singh has accumulated through his career makes him an impactful professional able to drive performance and make significant leaps in any Process Safety /Technical Safety/Occupational Safety program. Having worked in a wide range of the biggest companies and different cultures from Kazakhstan, to the Middle East and South West Africa (Ghana) he has demonstrated the ability to integrate and effectively orchestrate work with a variety of cultural groups.

Mr. Singh has managed and led a wide range of projects from FEED, Detailed Design, Construction through the full operations lifecycle and operated facilities from oil & gas to complex, upstream, petrochemicals. He has leveraged his vision for excellence and adopted advanced tools to optimize risk management, budgetary considerations and improve operability driving results for high reliability organizations around the world. His assignments have been in Kazakhstan, Qatar, Dubai, Abu Dhabi, Ghana, Bahrain, and India in the oil and gas sector. Mr. Singh has worked on facilities like Oil & Gas upstream / Utilities / Poly Propylene / Ethylene / Ethylene PVC/Chlorine / EDC-VCM/ Refinery/ and Power plants.

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Technical Associate

