

TWO DAYS MASTER CLASS TRAINING

on HAZOP & Risk Assessment



DATE : Thursday- Friday 30th - 31st January, 2020 (09.00 - 17.00 hrs.)

VENUE : Delhi

Course Fee : INR 20,000/- excluding GST

Speaker Profile:

MR. JITENDRA KUMAR

Mr. Jitendra Kumar is working as Director at DEKRA (India) Private Limited and is the Process Design and Safety team leader. He is a Chemical Engineer from IIT, Delhi. He has more than 27 years of Safety, Environment and Process Design consulting experience. At present he is managing the Indian business in Safety, Risk Management and Environment for Indian clients and looking after the South East Asia, Middle East, Africa and Australia projects carried out by DEKRA. His work experience includes executing and managing Safety and Risk consulting assignments at over 900 sites in the Asia Pacific region. These include Offshore Oil and Gas, Onshore Oil and Gas, Pharmaceuticals (API, formulations), Chemicals, Food, Agricultural Product, FMCG, Metals & Mining, Hotels and others



In addition to his rich consulting experience Mr. Kumar is an excellent and seasoned tutor. He is also a guest lecturer in Process Safety at IIT Delhi. His rich consulting experience and excellent teaching skills makes the program well worth attending.

Course Content

Introduction:

The aim of this training cum workshop is to develop the skills and knowledge required for participating and leading a Hazard and Operability (HAZOP) and carrying out risk assessments. Following the training session the participants should be able to understand and apply the technique.

We have designed the training programme extensively for the participants to excel the application of HAZOP & Risk assessment techniques at the respective processes. The unique approach adopted for the training methodology includes following:

Sample Study

A sample HAZOP study along with the risk assessment session for respective sector shall be discussed in order to ensure in-depth clarity to the participants.

Group Exercise

Participants will learn how to divide the plant process into manageable sections (nodes and then systematically apply specific 'parameters' and 'guidewords' to each section of the plant in turn. Participants will learn how to assess potential problems ('deviations') in practice. Recording multiple causes and its consequences will be then be discussed and the risk shall be assessed by the team. This Exercise will include:

- Group Preparation and Assignment
- HAZOP study by each Group
- Presentation of HAZOP findings by each group
- Risk Identifications
- Risk Assessments
- Discussions

Training Contents:

- > The place of HAZOP in risk management
 - Basic principles of the HAZOP technique
 - HAZOP study reporting
- > The leadership of a HAZOP study team
 - the influence of time

- features of a team; coping with the variety of personalities
- guidance notes for team leaders; leadership techniques
- controlling discussion
- questioning/listening techniques
- the responsibilities of team members
- ensuring understandable actions are generated
- major considerations when leading a HAZOP study
- assessing productivity and team effectiveness
- > The management of HAZOP studies
 - HAZOP documentation
 - main planning features of a study; time-tabling
 - planning a complex HAZOP study
 - identification of nodes or division of a drawing into sections
 - estimating the time required for a study
 - the HAZOP study team environment
 - post-HAZOP study activities including report preparation
 - control of modifications
- > General points about carrying out a HAZOP study
 - common mistakes made by team leaders
 - potential problem areas with HAZOP studies
 - quality control of HAZOP studies
 - problems arising during a HAZOP study and how to deal with them
 - Group Exercises
- > Questions & Discussion

Who Should Attend?

- > Top management handling HSE functions
- > Decision Makers
- > Process and HSE technocrats
- > Plant Managers
- > Project Managers
- > Process Control Specialists
- > Risk Assessors
- > Management Representatives
- > Line Managers
- > Shift Supervisors

Would you like to get more information?

Contact Us

DEKRA Process Safety

The breadth and depth of expertise in process safety makes us globally recognized specialists and trusted advisors. We help our clients to understand and evaluate their risks, and work together to develop pragmatic solutions. Our value-adding and practical approach integrates specialist process safety management, engineering and testing.

We seek to educate and grow client competence to provide sustainable performance improvement. Partnering with our clients we combine technical expertise with a passion for life preservation, harm reduction and asset protection. As a part of the world's leading expert organization DEKRA, we are the global partner for a safe world

For more information, visit www.dekra-process-safety.in

Course Registration:

- Course Fee: 20,000.00 INR (Twenty Thousand only) per participant exclusive of GST.
- Registration is on first come first serve basis. For Registration, please send the filled registration form along with the course fee to our Delhi office.
- Please note the course does not include the cost of travel, lodging and boarding of the participant.
- A maximum of 25 participants are allowed per training session.
- Course fee can be sent through Cheque/ DD/ in favour of **DEKRA (India) Private Limited**, payable at Delhi/Mumbai and must be paid before the start of the course, i.e. up to registration time.

Course fee can also be sent through RTGS/NEFT.

The details are as follows:

Beneficiary's Name : DEKRA (India) Private Limited
 Bank Name : ICICI Bank, New Delhi Branch
 Swift Code : ICICINBBCTS
 Bank A/c.No. : 000705018701
 Account Type : CURRENT ACCOUNT
 Address : 9A, Phelps Building, C.P., New Delhi- 110001
 Branch IFSC Code : ICIC0000007 (Applicable only for RTGS)
 GST No. : 07AACCC0242P1ZP

Cancellations:

All reservations in writing are subject to cancellation conditions. Written cancellations, received up to 5 working days before the course date will be fully refundable. Cancellation within 5 working days are not allowed, however, substitutions can be made. No refunds will be made for non-attendance. Substitutions may be made at any time up to the start of the course. DEKRA (India) Private Limited reserves the right to modify or cancel the course up to 4 working days prior to the commencement date.

Please register online: www.dekra-process-safety.in/training-registration or fill in the registration form below!

Registration Form:

Please book me for:

Master Class Training on HAZOP & Risk Assessment on 30th-31st January 2020 at Delhi

Enclosed herewith Cheque / DD in favour of 'DEKRA (India) Private Limited'

for Rs. _____ Dated _____ Drawn on _____

Name of the Participant(s) Dr./Mr./ Ms.: _____

Designation/ Job Title: _____

Company Name: _____

Address : _____

Pin Code : _____ Country : _____

Mobile : _____ Email : _____

Signature : _____ Date : _____

For Details Contact:

Megha Malhotra
Mobile: +91 98182 81903
Email: megha.malhotra@dekra.com

Sonal Gaur
Mobile: +91 88007 96687
Email: sonal.gaur@dekra.com

