

ONE DAY TRAINING PROGRAM

on Safety Management of Dust/
Solvent Fire & Explosion Hazards



DATE : Friday 13th March, 2020 (09:00 17:00 hrs.)

VENUE : Vadodara

Course Fee : INR 14,500/- 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:

Statistics clearly show that flash fire and explosion hazards could exist in any facility/equipment that handles or processes a flammable/ combustible gas, liquid and solid. The consequences of a fire or explosion can range from disruption of production to loss of plant and injury or fatality of personnel. Governments around the world have recognized these hazards and both general and specific legislation is in place in most countries requiring companies to take measures to protect their workers and the public from the fire and explosion risk. Static electricity is generated in all industrial processes. It is recognized as a source of hazard and the cause of fires and explosions during the handling of flammable solvents and powders in the chemical, pharmaceutical, petroleum, plastics, paint, coating.

The Training Session would equip the participants to identify and understand the hazards associated with the use of flammable liquids, gases and solids in plant, in order to be able to specify appropriate measures to reduce the risk of a gas or vapour or dust fire and explosion occurring.

- > Hazardous Area Classification for gas/vapour and dust.
- > Identification of potential ignition sources including static electricity that could be present under normal and abnormal conditions.
- > Establishing a basis of Safety
 - Avoiding Ignition Sources
 - Avoiding Flammable Concentrations
 - Ventilation, Temperature Control
 - Avoiding Oxidant
 - Inert Gas Blanketing
 - Minimizing Consequences of Fire
 - Venting, Isolation, Suppression
- > Review the fire and explosion prevention and mitigation measures for flammable liquid, gas and dust operation/ Processes.
- > Videos and Case Study

Training Module:

- > Introduction to Flammable Atmospheres
 - Basic Theory & Definitions
- > Understanding the explosion, thermal instability and electrostatic characteristics of the dust(s), gas (es) and liquid(s).
- > Identification of locations where combustible dust clouds and/or flammable vapour/gas atmospheres could be present during normal and abnormal operating conditions.

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: 14,500.00 INR (Fourteen Thousand Five Hundred 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:

Safety Management of Dust/Solvent Fire & Explosion Hazards on 13th March, 2020 at Vadodara

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:

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