

Webinar Title: CHEMICAL SAFETY , CHEMICAL HAZARDS AND THEIR CONTROL

Registration Fee (including GST):- Rs 499/- (Rupees four Hundred Ninety Nine Only) per participant inclusive of GST

Expert Speaker (Name/ Designation) – MR. RAMNISH BEDI , DIRECTOR , KEY TO HSE AND A NATIONAL LEVEL CONSULTANT CUM TRAINER

Webinar Date: 13.03.2021 Duration: 3.30 pm to 5.00 pm (one hour thirty minutes)

About Webinar (Brief One para): -

Chemical safety is the practice of handling chemicals in a safe manner, minimizing the hazard to public and personal health. Chemical Safety refers to the management of all operations and events within an industry in order to protect its employees and assets by minimizing chemical hazards, risks, accidents, and near misses. It is set of Standard Operation Procedures and protections put in place to ensure plant and factory worker protection from Chemical hazards that could cause injury.

Establishing and maintaining a sound chemical safety policy not only saves human lives and protects the environment but also avoids fines and penalties. The physical and biological effects of chemicals must be considered before implementing any chemical safety measures. In the workplace there are two types of chemical hazards: health hazards and physicochemical hazards. Chemical hazards and toxic substances pose a wide range of health hazards (such as irritation, sensitization, and carcinogenicity) and physical hazards (such as flammability, corrosion, and explosibility).

Chemical safety is primarily a management activity which is concerned with:

- Reducing, Controlling and Eliminating chemical hazards from the industries or industrial units.
- To prevent accidents in the plant by reducing the chemical hazard to minimum.
- To eliminate accident caused work stoppage and lost production.

The chemical safety is managed by any or combination of following measures:

- Elimination: Discontinue the use of the hazardous chemical.
- Substitution: Replace the hazardous chemical with a less hazardous substance.
- Engineering Controls: Isolate people from the hazardous substance.
- Administrative controls: Change the way people work.
- PPE: Protect people with personal protective equipment.

A Material Safety Data Sheet (MSDS) is a document that contains information on the potential hazards (health, fire, reactivity and environmental) and how to work safely with the chemical product. It is an essential starting point for the development of a complete health and safety program.

Workplace safety is very important for each and every employee in the industry because all the workers desire to work in a safe and protected atmosphere. It is a duty and moral responsibility of the company to look after the employee's protection. All the industries do have some chemical safety risks but the management should find out what chemical safety precautions are required in their company to make sure that their workers are safe enough for all the time.

Safety rules outline the expected "do's and don'ts" regarding safety within the operation. Establishing safety rules within the organization is one of the most fundamental steps a company can take when developing a safety program.

The webinar will focus on explaining the Importance of Chemical safety and discussing various measures required for reducing, controlling and eliminating chemical hazards from the industries

Webinar Coverage: -

- Identifying different types of hazards and their control
- Understanding the chemical Hazards and their different types
- Safety measures while handling chemicals
- Control of Chemical Hazards.
- Entry Route of Chemicals in Body.
- Chemical Labelling and control.
- MSDS and its importance.
- Hazardous category of Chemicals
- Incompatibility of Chemicals.
- Handling, Storage & Transportation of Dangerous Chemicals.
- Personal Protective Equipment's (PPE) requirements.
- Basic definitions & Legal requirements for chemicals.
- Chemical safety tips
- Control measures against chemical incidents/accidents
- Case study and examples

Speaker Profile (Brief One Para & Photograph): - Mr. Ramnish Bedi is Director of KEY TO HSE consultancy and training company. He has worked as Corporate Head in reputed companies like Gates India, Schneider Electrical, RICO Auto, Delphi, Federal Mogul, Nestle & Owens Corning. He is having 25 years' of working experience in Manufacturing sector like Automobile, FMCG, engineering, Chemical & Electrical Industries. He is a certified Lead Auditor for ISO 14001: 2015 & ISO:45001: 2018 and ZED Consultant certified by QCI. He is a national level consultant com trainer in the field of quality, health, safety and environment.



Register to learn (Key Learning's' in bullet points):

- Understanding the chemical Hazards and their different types
- Control of Chemical Hazards.
- MSDS and its importance.
- Hazardous category of Chemicals
- Handling, Storage & Transportation of Dangerous Chemicals.
- Personal Protective Equipment's (PPE) requirements.
- Basic definitions & Legal requirements for chemicals.
- Chemical safety tips
- Control measures against chemical incidents/accidents

Date: - 13.03.2021

Time Slot: - 3.30 pm to 5.00 pm (one hour thirty minutes)

Thanks, and regards

S.P.Singh

Regional Director

National Productivity Council, Chandigarh

SCO-40, First Floor, Sector 7-C, Chandigarh

Website: www.npcindia.gov.in