

Webinar Title: FIRE SAFETY, FIRE RISK ASSESSMENT, FIRE SAFETY AUDIT AND CONTROL OF FIRE HAZARDS

Registration Fee (including GST):- Rs 599/- (Rupees Five 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: 30.05.2021 Duration: 11.00 Hours to 12.30 Hours (one hour thirty minutes)

About Webinar (Brief One para): -

FIRE SAFETY: Fire safety is the set of practices intended to reduce the destruction caused by fire. Fire safety measures include those that are intended to prevent ignition of an uncontrolled fire, and those that are used to limit the development and effects of a fire after it starts. Fire can have an devastating impact on anybody who is unfortunate enough to be near it. We all know that the flames and heat from a fire can cause a great deal of harm – from breathing the hot air killing a person instantly to life threatening or life changing burns on the body. There are many other aspects of fires that can cause a great deal of harm:

- Smoke – surprising to some, the most common cause of death in fires is the inhalation of smoke and fumes.
- The damage from a fire can cause the structure of a building to collapse. People can suffer injuries from elements such as falling debris during a fire.
- Lack of oxygen.
- No escape route.

Fires affect thousands of organisations each year resulting in injury, lost customer trust and building damage. By establishing a fire prevention and preparedness program, we can avoid injuries to employees and visitors, costly damages, and potential fines to our business.. Following are the steps an organisation should follow to prevent and control fire incidents/accidents:

1) Fire Prevention: It is important to know how to prevent fires from occurring .. Simple measures such as keeping fire exits clear, keeping the workplace clean and organised, effective management of waste and understanding how to reduce the risk of electrical fires occurring.

2) Saving Lives and Minimising the Damage.. Fire alarms, smoke detectors, emergency lighting, fire exits and escape routes are all measures that can be taken to minimise the damage of fires when they do occur.

3) Fire extinguishers. Depending on what type of material is burning in a fire, the extinguishers required can vary. Knowing when to use each extinguisher is vital knowledge to minimise the damage from fire.

4) Cost. Fires cause injury or human loss, lost customer trust and building damage. The average cost to a business is huge if a major fire occurs. Hence by preventing fires from occurring you are largely reducing the risk of a fire in your place of work and saving your organisation from losses.

5) The Law. As per fire safety regulations you are responsible for fire safety in business or other non-domestic premises. Hence for any organisation following measures have to be ensured:

- Carry out a fire risk assessment of the premises which is reviewed on a regular basis
- Communicating employees about the risks you've identified
- Put in place, and maintain, appropriate fire safety measures
- Plan for an emergency
- Provide sufficient information to all employees through fire safety instructions and training

A fire risk assessment must always be carried out. In order to carry out a fire assessment, the following steps must be taken:

1. Identify the potential fire hazards – make a note of anything that could start a fire or easily burn, if found during the assessment
2. Identify the people at risk – work out if the risk could be greater for some people (i.e. the disabled and elderly are especially vulnerable)
3. Act on the findings – Evaluate, reduce or remove the potential risks
4. Record – Keep a record of the findings, prepare an emergency plan and provide fire safety training
5. Review – A fire risk assessment must be carried out regularly, with all findings updated and recorded.

Fire Safety audit:

Fire Safety audit is a systematic and independent evaluation of the fire risks present in the premises and involve recommendations about appropriate measures to control and mitigate the effects of fires.

Methodology of conducting the Fire Safety Audits involves the following:

- A walkthrough the concerned premises.
- Review of the layout and drawings.
- Review of the existing firefighting systems in the premises.
- Review of the training and awareness regarding availability and operations of the fire fighting systems in and across the organization.

Benefits of Fire Safety audits

Fire Safety audits enable the organizations to address the issues by identifying the following:

- Identifying all significant fire hazards.
- Evaluation of the existing control measures.
- Determining the additional control measures required.
- Evaluation of the current fire detection and fire fighting facilities.
- Testing of all fire safety equipment and precautions.
- Training and instruction to all occupants of premises about fire safety.

The webinar will focus on explaining the importance of Fire safety, Fire Risk Assessment, Fire safety Audit and discussing various preventive and control measures required to deal with fire hazards.

Webinar Coverage: -

- Importance of Fire safety
- Understanding Fire Hazards.
- Establishing an Fire Safety Management System
- Golden rules of Fire safety
- Causes of Fire, Type of different Fire and Extinguishing methods for different Fires.
- Control of Fire Hazards.
- Fire risk assessment and control measures
- Fire Safety Audit
- Planning and conducting Fire Safety Audit
- Fire Safety Audit checklist
- Control measures against fire 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 and trainer in the field of quality, health, safety and environment.



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

- Understanding Fire Hazards.
- Establishing an [Fire Safety Management System](#)
- Causes of Fire, Type of different Fire and Extinguishing methods for different Fires.
- Fire risk assessment and control measures
- Fire Safety Audit
- Planning and conducting Fire Safety Audit
- Fire Safety Audit checklist
- Control measures against fire incidents/accidents

Date: - 30.05.2021

Time Slot: - 11.00 Hours to 12.30 Hours (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