

Webinar Title: PERSONAL PROTECTIVE EQUIPMENT (PPE) :USAGE, TYPES, KITS, PROPER MAINTENANCE, STORAGE & DISPOSAL OF PPEs

Registration Fee (including GST):- Rs 1000/- (Rupees One thousand 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: 03.07.2021 Duration: 15.30 hours to 17.00 hours (One hours thirty Minutes)

About Webinar (Brief One para): -

Personal protective equipment, commonly referred to as "PPE", is equipment worn to minimize exposure to hazards that cause serious workplace injuries and illnesses. The purpose of personal protective equipment is to reduce employee exposure to hazards when engineering controls and administrative controls are not feasible or effective to reduce these risks to acceptable levels. PPE is needed when there are hazards present.

The hazards addressed by protective equipment include physical, electrical, heat, chemicals, biohazards, and airborne particulate matter. Protective clothing is applied to traditional categories of clothing, and protective gear applies to items such as pads, guards, shields, or masks, and others. PPE suits can be similar in appearance to a cleanroom suit.

Personal protective equipment may include items such as gloves, safety glasses and shoes, earplugs or muffs, hard hats, respirators, or coveralls, vests and full body suits.

Protective equipment may be worn for job-related occupational safety and health purposes, as well as for sports and other recreational activities. Personal protective equipment (PPE) is protective clothing, helmets, goggles, or other garments or equipment designed to protect the wearer's body from injury or infection.

Even where engineering controls and safe systems of work have been applied, some hazards might remain. These include injuries to:

- the lungs, eg from breathing in contaminated air
- the head and feet, eg from falling materials
- the eyes, eg from flying particles or splashes of corrosive liquids
- the skin, eg from contact with corrosive materials
- the body, eg from extremes of heat or cold

Distinct types of PPE are manufactured, to shield the employees completely and reduce the risk of confronting any injuries or hazards. These comprise:

- Eye Protection of safety glasses, impact goggles
- Respiratory Protection consisting of surgical masks, respirators
- Face Protection with face shields
- Head Protection with helmets, hard hats
- Hand Protection with gloves, wrist cuffs
- Body Protection of gowns, full-body suits
- Hearing Protection with ear plugs, noise bands, acoustic foams
- Foot Protection with safety boots, concealed shoes
- Height And Access Protection of body harnesses, fall-arrest systems

PPE has the serious limitation that it does not eliminate the hazard at the source and may result in employees being exposed to the hazard if the equipment fails.

Any item of PPE imposes a barrier between the wearer/user and the working environment. This can create additional strains on the wearer, impair their ability to carry out their work and create significant levels of discomfort. Any of these can discourage wearers from using PPE correctly, therefore placing them at risk of injury, ill-health or, under extreme circumstances, death. Good ergonomic design can help to minimise these barriers and can therefore help to ensure safe and healthy working conditions through the correct use of PPE.

All personal protective equipment should be safely designed and constructed, and should be maintained in a clean and reliable fashion. It should fit comfortably, encouraging worker use. If the personal protective equipment does not fit properly, it can make the difference between being safely covered or dangerously exposed. When engineering, work practice, and administrative controls are not feasible or do not provide sufficient protection, employers must provide personal protective equipment to their workers and ensure its proper use. Employers are also required to train each worker required to use personal protective equipment

PPE training covers the proper use of personal protective equipment that guards the health and safety of employees. It lays out the standards for proper use and helps keep employees (and the people they serve) safe.

This webinar has been designed to explain the participants about purpose and importance of Personal protective equipment(PPE), Hazards and types of PPEs used, PPE KITS and their descriptions and proper use care, maintenance, storage and disposal of PPEs.

Webinar Coverage:-

- Introduction to Personal protective equipment(PPE)
- Purpose of Personal protective equipment
- Types of Personal protective equipment
- Hazards and types of PPEs used
- Personal protective equipment KITS and their descriptions
- Proper use of personal protective equipment
- Proper care, maintenance, storage and disposal of PPEs
- Disposable, Reusable And Washable PPE Kits
- **Protective clothing and ensembles**
- **Personal protective equipment for COVID-19**
- **The limitations of the Personal protective equipment**
- **Legal aspects of PPEs**
- **PPE training requirements**

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):

- Purpose of Personal protective equipment
- Types of Personal protective equipment
- Hazards and types of PPEs used
- Personal protective equipment KITS and their descriptions
- Proper use of personal protective equipment
- Proper care, maintenance, storage and disposal of PPEs
- Personal protective equipment for COVID-19
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Thanks and regards

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