Personal Protective Equipment

Ensuring Safety and Efficiency

Transport Safety Investigation Bureau of Singapore

Personal Protective Equipment (PPE)

- Special clothing or equipment that is worn for protection against hazards.
- ▶ PPE should meet relevant safety standards and certifications (e.g. ANSI, ASTM, NIOSH).
- ▶ PPE should be made available to investigators in appropriate sizes.
 - Consider features like breathable materials and ergonomics designs to ensure comfort during prolong use.
- Training required for the proper used and disposal.
- Multiple sets be made available to each investigator.
- Periodically review and update PPE inventory to incorporate latest safety features and technologies.

PPE Kit

- ► The kit should include:
 - ► Full-cover protective suit
 - ► Several pairs of latex gloves and work gloves
 - ► Face masks and goggles
 - ► Shoe covers and protective boots
 - ▶ Disinfection chemicals and a biological hazard disposal bag

Breathing apparatus

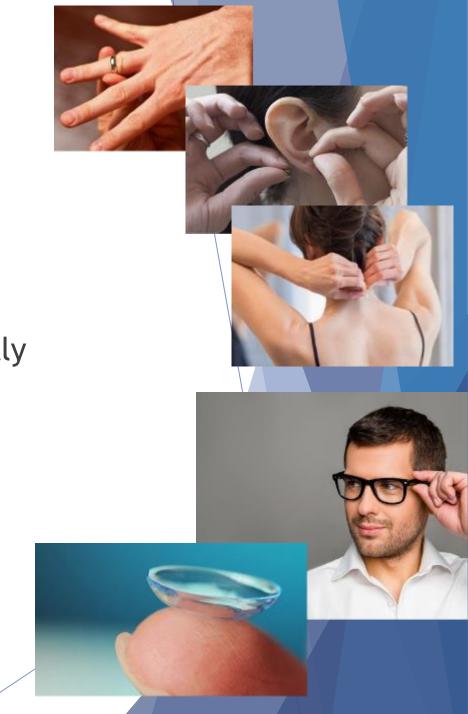


- Filtered Full Face Mask
- Powered purifier/ respirator



PPE Donning

- ► Remove jewelry that may snag on things
- Use glasses rather than contact lens
- ► Have someone to check that PPE is worn correctly
 - ▶ Better to have an assistant when wearing PPE
- ► Check clothing frequently for damage
- ► Site entry checks



On-site arrangement

- Set up entry/exit controls
- Set up decontamination area
- ▶ PPE itself can be a hazard!
 - ▶ The weather could be hot and humid dehydration
 - ▶ Drink lots of water before entering site
 - ► Take regular breaks to avoid heat stroke

On-site hygiene

- Avoid eating, drinking or smoking on site
- Avoid touching mucous membrane
- Re-assess risks/PPE frequently
- Procedures for cleaning and decontaminating equipment and materials
- Procedures for containing and disposal of contaminated waste





PPE Donning Video

Questions?