ISOPA PRODUCT STEWARDSHIP PROGRAMMES

“One Step Ahead – 2\textsuperscript{nd} Generation”
Respiratory Protection
Suitable Respiratory Equipment

If in doubt, always wear respiratory protection equipment.
Common Types of respiratory protection

In normal working conditions
Lung Powered Air Purifying Equipment
- Full face mask
- Half face mask

In case of spillages and emergencies
Self Contained Breathing Apparatus
- Positive pressure equipment
- Pressure demand equipment
Use of Respiratory Protection

- Use an appropriate cartridge / filter (min. AP2)
- For normal use, once opened, use max 8 hours within any 48 hours time span
- After any spill change the cartridge
- Face mask should not be used for Emergency Response
Best Practice (Masks)

• For hygiene reasons only use your personal equipment

• Conduct fit and leakage testing

• Consider gasmask availability and accessibility for emergency procedures

• Replace masks based on usage frequency

• Conduct inspection of physical condition before each use. Replace respirator in case it is damaged
Best Practice (Filters/Cartridges)

- Use only filters/cartridges that are recommended by the producer for chemicals in use
- Replace filters/cartridges frequently
- Write date of seal breaking and personal initials onto the filter/cartridge
- Close filters/cartridges again after usage and store in a dry place in a suited gasmask cupboard or in a dedicated bag
- Track and document the change frequency
Best Practice (Cleaning)

• After use remove the filter/cartridge and rinse your mask with warm water

• Use suited disinfection spray

• Leave the disinfection product on the mask for a few minutes

• Rinse the mask again with warm water and let it dry

• Do **NOT** use any organic solvents
Question

For how long should cartridges of respiratory protection be used?

a) Cartridges can be used up to 1 year after the expiration date
b) Cartridges can be rinsed with water after use and can be reused afterwards
c) Cartridges must not be used after the expiration date
d) Once opened, cartridges should be typically replaced after max 8 hours within any 48 hours time span
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Question

What type of respiratory protection should be used when working with TDI/MDI?

a) Any mask prevents inhalation of TDI/MDI
b) Dust masks are sufficient
c) No mask is required. Masks are only necessary in case of a large area spillage
d) Lung powered full face or half face breathing mask with the appropriate filter cartridge is required
e) In case of major spills, a self-contained breathing apparatus is required
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