Cleaning and disinfection of Respiratory Equipment - a Step-By-Step Process



Call-out

Breathing apparatus (BA) equipment is contaminated after use

Info box

Personal safety precautions:

this term refers to all the precautions taken by BA equipment managers/ technicians at work to protect them against contamination from internal sources (e.g. bacteria) and external sources (e.g. combustion by-products) on personal protective equipment. Information on the type of contamination can be obtained directly from the onscene commander (e.g. what exactly burned in the fire?). This is the basis for choosing which personal safety precautions should be taken (more information is available (in German) at www.atemschutzlexikon.de).



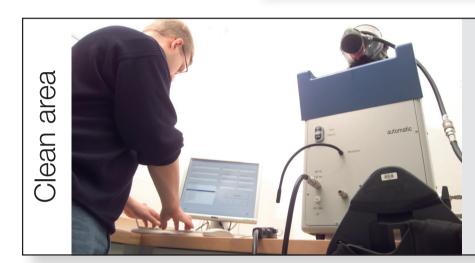
Storage and issue

- Store in accordance with manufacturer's specifications / DIN 7716
- Storage and issue of equipment



Return to base

- · Delivery of contaminated equipment
- · Take personal safety precautions by using appropriate protective clothing and masks (see info box)
- · Dispose of used respiratory filters
- Prepare documentation



Admin

· Accurate, verifiable records of all work performed



Preliminary cleaning

· Pre-clean contaminated BA masks,

- regulators and SCBA harnesses · Take personal safety precautions by
- using appropriate personal protective clothing and masks



Filling of cylinders

· Filling panel/rig, safety filling system



Dismantling

- · Dismantle BA masks and SCBA sets
- · Take appropriate personal safety precautions



Maintenance, repair, inspection

- · As per manufacturer's instructions and vfdb guideline 0840 (previously 0804)
- Store in proper hygienic packaging



Closed-loop cleaning + disinfection · Place the equipment in TopClean M Take appropriate personal safety

precautions

Close TopClean M door, start wash cycle

Safety and reliability assured by automatic mechanical

- · cleaning
- · disinfection
- · rinsing



Reassembling, replacing 6

As per manufacturer's instructions and vfdb guideline 0840 (previously 0804)



- · Place cleaned, disinfected and rinsed parts in drying cabinet
- · Dry at specified temperature for stipulated time



Professional warewashing systems, cleaning and disinfection technology

"Firefighters live with risks by managing them effectively." MEIKO SPLASH / Fire Service / Special Issue / 2016 Making firefighters' equipment more hygienic is a key part of this risk prevention process. BA equipment managers play an important role in protecting emergency responders.



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www.meiko.de Find the right contact person in your country

With the kind support of Dipl.-Ing. Wolfgang Gabler Consulting engineer and expert in fire safety and PPE Ernst-Thälmann-Str. 331 02943 Boxberg OT Jahmen Tel. 0049(0)35895/50285

wgabler@t-online.de



Drying

Englerstraße 3 77652 Offenburg Tel. 00 49(0)781/203-0 topclean-m@meiko.de