

# Infection Disinfection Controlled deep clean and prevention



### **Disinfectant/Infection prevention**

Infection prevention control deep cleaning is the thorough cleaning/disinfection of all surfaces including floors and reuseable equipment either within the whole facility or within a particular part of the facility (e.g. an individual office/department/unit).



#### **Cleaning & disinfection**

Cleaning with effective cleaning agents and detergents removes dirt and contamination, and in most cases is effective for decontamination of the equipment and the environment.

In situations of outbreak, increased incidence of infection, all surfaces and equipment require both cleaning and thorough disinfection.

#### Disinfection

Disinfection is a process that reduces the number of microorganisms to a level at which they do not present a risk. It is only effective if surfaces and equipment have been cleaned thoroughly with detergent and water beforehand. Warm water and detergent should be used to clean hard surfaces followed by disinfection with the appropriate cleaning agent (diluted, and with a contact time, as per manufactures' instructions). The solution will kill both bacteria and viruses provided it is used as per manufactures' instructions.

Establish effective solution/cleaning agent required to disinfect the areas.

BS EN 1276 is the European standard for the bactericidal activity of chemical disinfectants as proof of effective infection control against harmful microorganisms such as MRSA, Salmonella, E.Coli, Flu Virus (H1N1) and Pseudomonas Aeruginosa. In order to pass this standard, products have been tested by an independent laboratory and must prove a bacteria kill rate of 99.999% within 5 minutes.

<u>BS EN 13704</u> tests the sporicidal action against C. Difficile, spores that can continue to survive and breed in harsh conditions and are therefore very difficult to kill using traditional disinfectants.

### Planned approach



#### Identifying incident/facility - Control

Calling 3Way to undertake a deep clean/disinfect an area/office. It is essential that all the relevant information is gathered. What is the environment? For example, office-workshop-distribution centre.

- Where is the infectious material or infected area?
- When did the possible contamination occur?
- How many employees are infected?
- Have the personal items been removed?
- Has the area/facility been quarantined? If so when did this commence.

#### Planned approach

- Establish zoned areas for operation, transition and safety.
- Determine your entrance and exit strategy.
- Is there access to all facilities?
- Assess room contents.
- Is there sufficient airflow/quality?
- Disinfection needs and amounts.

#### **PPE** and equipment

General Guidance for Personal Protective Equipment (PPE), intended for workers or individuals who enter into spaces to clean and disinfect, where an infected or potentially infected individual is or has been.

- N-95 respirator.
- Safety Goggles.
- Disposable Coverall Boiler Suite.
- Disposable Gloves.
- Disposable Shoe Covers.

#### Establish waste management plan

Contaminated and clinical waste will be collected and kept in a designated/secure area. 3Way registered preferred waste carrier will collect all contaminated/clinical waste from the designated area at the scheduled date and time.

Access to waste will be restricted and collected prior to the final cleaning process being completed.

### Covid-waste Public Health England latest advice on disposal of waste:

Waste from possible cases and cleaning of areas where possible cases have been (including disposable cloths, tissues) should be put in a plastic rubbish bag and tied when full. The plastic bag should then be placed in a second bin bag and tied.

- Waste should be put in a suitable and secure place and marked for storage
- Waste should NOT be left unsupervised awaiting collection
- You should NOT put your waste in communal waste areas until negative test results are known or the waste has been stored for at least 72 hours
- After 72 hours, double bagged waste can be put into your usual waste bins. If the waste is in a yellow or orange sack, at this point please put one of our usual waste sacks over the double bagged material so that we are able to collect it. We will then know that this is no longer categorised as hazardous waste

### Complete solution



#### Cleaning and disinfection:

Public areas where a symptomatic individual has passed through and spent minimal time, such as corridors, but which are not visibly contaminated with body fluids can be cleaned thoroughly as normal.

All surfaces that the symptomatic person has come into contact with must be cleaned and disinfected, including:

- objects which are visibly contaminated with body fluids.
- all potentially contaminated high-contact areas such as bathrooms, door handles, telephones, grab-rails in corridors and stairwells.
- Use disposable cloths or paper roll and disposable mop heads, to clean all hard surfaces, floors, chairs, door handles and sanitary fittings, following one of the options below:
- use either a combined detergent disinfectant solution at a dilution of 1,000 parts per million available chlorine.

or

 a household detergent followed by disinfection (1000 ppm av.cl.). Follow manufacturer's instructions for dilution, application and contact times for all detergents and disinfectants.

or

 if an alternative disinfectant is used within the organisation, this should be checked and ensure that it is effective against enveloped viruses.

Avoid creating splashes and spray when cleaning.

#### Cont...

Any cloths and mop heads used must be disposed of and should be put into waste bags as outlined in the waste plan.

When items cannot be cleaned using detergents or laundered, for example, upholstered furniture and mattresses, steam cleaning should be used.

Any items that are heavily contaminated with body fluids and cannot be cleaned by washing should be disposed of.

If possible keep an area closed off and secure for 72 hours. After this time the amount of virus contamination will have decreased substantially and you can clean as normal with your usual products.

#### The complete solution

Cleaning is one thing however complete disinfection is a whole lot trickier. It requires knowing how to use disinfectants: Many of them actually need to stay wet on a surface for several minutes. With this in mind 3Way can provide an additional fogging service to supplement normal disinfecting procedures. Disinfectants with fogging uses are great for getting into hard to reach areas and we recommended their use especially in single room, enclosed areas of 90 to 120 m3.

3Way offer a thorough solution to all your decontamination requirements.

### The complete tested - solution



#### Fogging for disinfection:

Fogging should be used only in conjunction with a comprehensive physical clean.

Disinfectants with fogging uses are great for getting into hard to reach areas in facilities to provide additional disinfecting power, such as:

- Washrooms/toilets.
- Gym's.
- Kitchens.
- Corridors.
- Walkways.
- Locker rooms.
- Office.
- Ventilation.



#### Superior anti-microbial technology

Utilising Byotrol technology to deliver its revolutionary performance, throughout our cleaning process. Byotrol is a patented combination of biocides which not only delivers a powerful kill of bacteria, fungi and viruses, but keeps on working when it is dry to provide long lasting protection for weeks on undisturbed surfaces.

#### Non-toxic and non-corrosive

The system is non toxic and non corrosive allowing sensitive equipment, stainless steel, fabrics, furniture and beds to remain in situ during the fogging treatment.

Byotrol 4in1 has been tested to effective under the following microbiological test conditions:

Byotrol 4 in 1 Multi-Purpose Cleaner Disinfectant Concentrate is a fast acting and long lasting solution for both hard and soft surfaces.

Proven to kill 99.99% of bacteria and viruses including norovirus, coronavirus and Influenza A (H1N1).

Visit: www.medi-mark.co.uk for more information

- EN 1276 (bactericidal),
- EN 13697 (bactericidal, yeasticidal, fungicidal),
- EN 1656 (bactericidal),
- EN 14349 (bactericidal) and PAS 2424 (bactericidal, yeasticidal).
- Effective against Influenza A (H1N1), Norovirus, Coronavirus and Rotavirus following EN 14476.
- Quick kill tested to EN 13697 (bactericidal) using 30 second contact time.



### Our philosophy



We will only supply fully trained ROSPA certified Individuals who are fully aware of the importance of minimizing infection in the work place and ensuring the appropriate control measures are adhered to and put in place.

















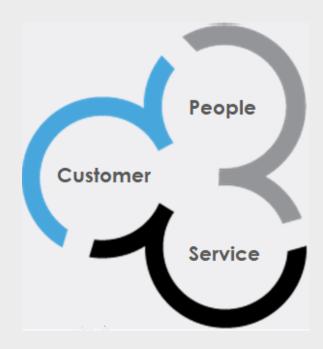


## Our philosophy



3Way will provide trained professional individuals, providing best in class service, seeking continuous improvement through a process driven approach. Ensuring the safety and health for all of our individuals and customers.

This is demonstrated through our many accreditations.



















"We do what we say!"

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