

MECHANICAL SPRAY MISTING (FOGGING)

The green solution for the systematic disinfection/decontamination of all surfaces.

Our system is highly effective and proven to combat the spread of infection in a wide range of settings including schools, hospitals, communal areas, public transport vehicles, ambulances, patient care facilities, universities and nurseries.

- Used in conjunction with our safe solution, electrically charged hypochlorous acid and sodium hypochlorite harmful pathogens can be removed from the environment.
- In addition, early research suggests this is an effective measure to combat SARS-COV-2 (COVID-19) as well as other coronaviruses.



MECHANICAL DISINFECTION



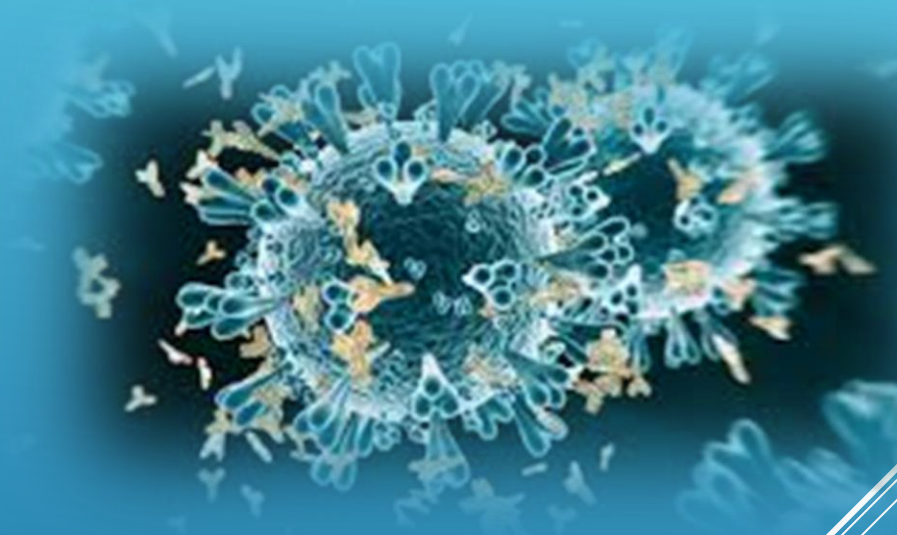
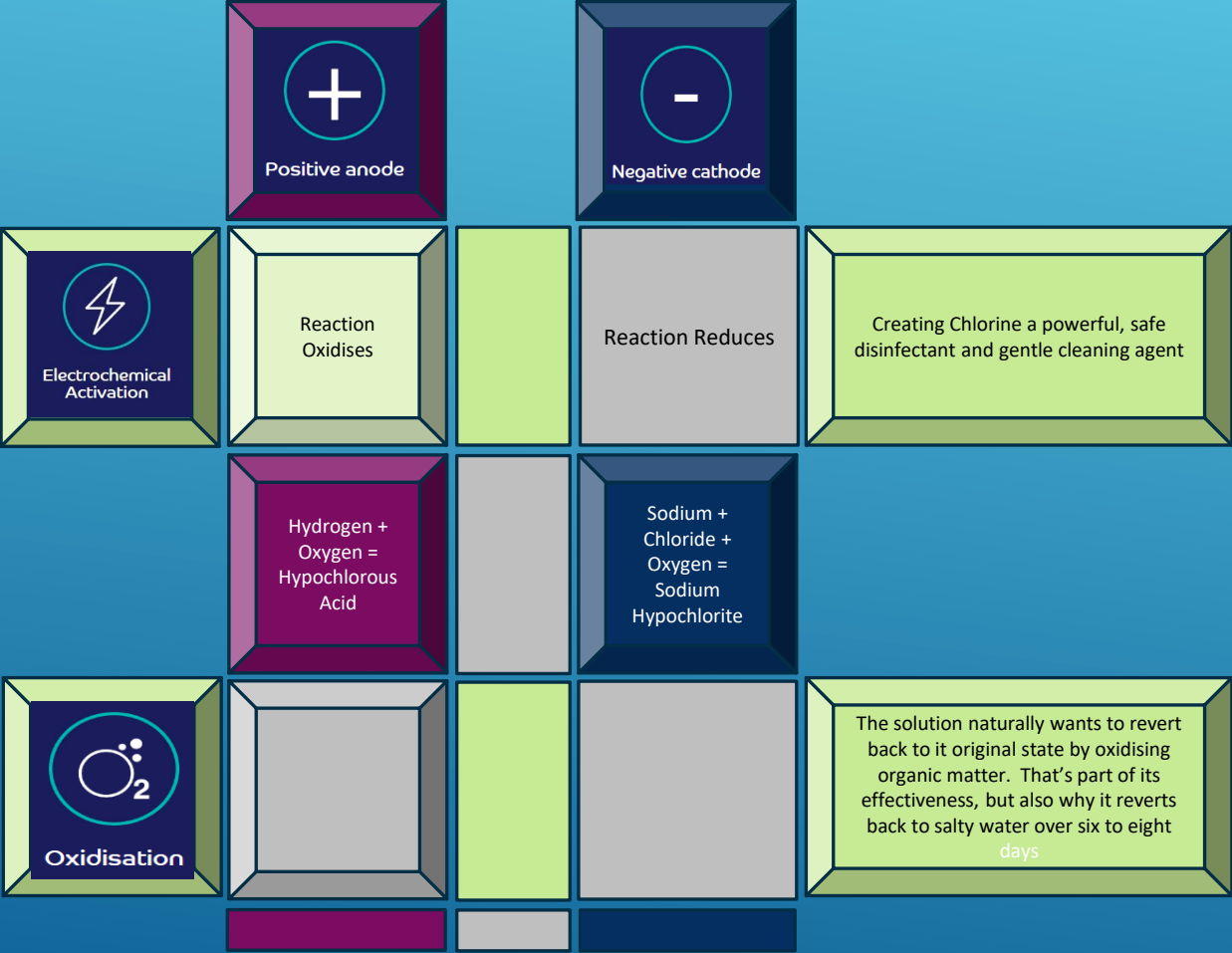
As a response to the current COVID-19 pandemic Hayward Services have invested in new equipment allowing for full disinfection of all surfaces to include areas not normally cleaned or captured as part of the daily cleaning specification.

We have invested significantly in several Biospray disinfection machines. The method is harmless to building users while combatting and eradicating pathogens, germs and viruses.

- ▶ Our system is highly effective and proven to combat the spread of infection in a wide range of settings including schools, hospitals, communal areas, public transport vehicles, ambulances, patient care facilities, universities and nurseries.
- ▶ Used in conjunction with our safe solution, electrically charged hypochlorous acid and sodium hypochlorite harmful pathogens can be removed from the environment. In addition, early research suggests this is an effective measure to combat SARS-COV-2 (COVID-19) as well as other coronaviruses.
- ▶ Having carried out a robust risk assessment with all clients prior to our deployment the area to be contaminated is assessed and our machines are placed centrally (having a working radius of up to 15 metres) and allowed to operate for the requisite period, depending on the setting.
- ▶ Furthermore, for even greater control via the machines' 3-stage adjustable droplet size, the sanitizing solution can be distributed homogeneously throughout the environment using aerosol technology from 07 microns to 20 microns in dry and wet area. In this way, disinfection of all surfaces is ensured.

FAQ'S

THE SCIENCE OF MECHANICAL MISTING



FAQ'S

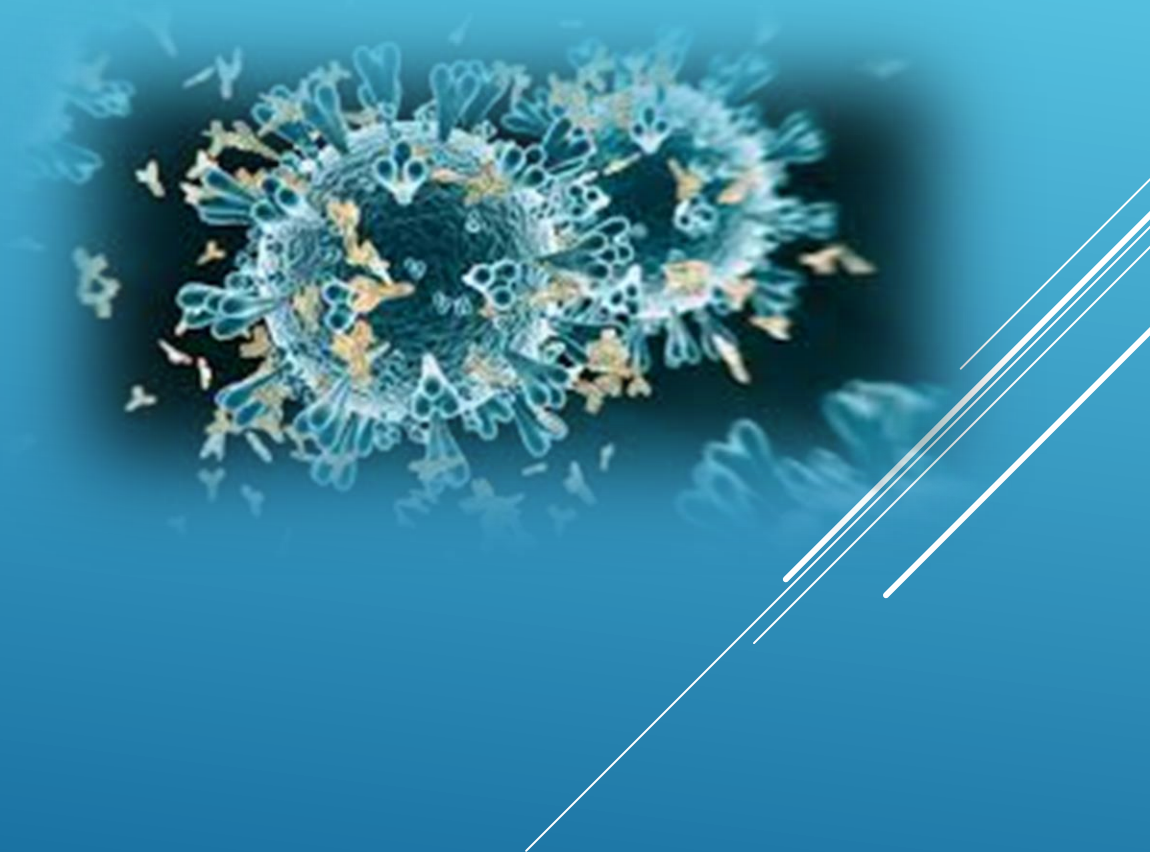
Q. How long does it take?

A. This is dependent on layout and size of area. After initial arrival and client briefing, equipment and initial solution preparation (30mins) the process can commence.

- ▶ A standard room/ classroom of 60m² takes around 5 mins with a centrally located BIOSPRAY, however, your Specialist Engineer(s) will have 2 BIOSPRAY machines in operation simultaneously as well as having a separate backpack fogger for smaller rooms or areas where there is a necessity to deal with them in a way where the BIOSPRAY isn't appropriate.

Q. How soon can we use the room?

- ▶ Rooms can be safely reopened almost immediately after being treated.

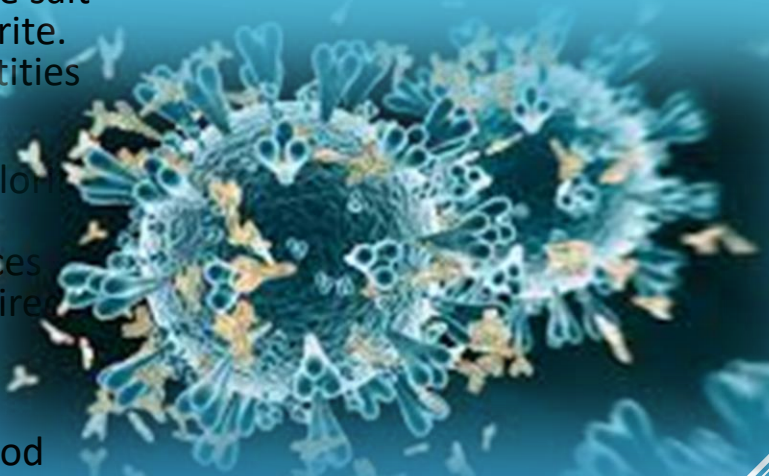


FAQ'S

Q. Can the process be hazardous to health?

A. No. The solution we use is powerful, safe and the constituents are naturally occurring.

- ▶ Table salt and water are mixed and then a small electrical current is passed through this solution. The hydrogen and oxygen in the water react with the chloride in the salt to produce hypochlorous acid, and with the sodium to produce sodium hypochlorite. This process is known as electrochemical activation. We can make limitless quantities of safe and practical multipurpose disinfectant cleaner directly on your site.
- ▶ The Hypochlorous acid is the naturally occurring disinfectant, the Sodium hypochlorite acts as a cleaner. When the body comes under attack from invading bacteria and viruses, the immune system responds by sending white blood cells, which produces the very same hypochlorous acid to fight the infection. So, this technology is inspired by our very own immune system, creating the same, naturally occurring and safe solution, but in a more concentrated form.
- ▶ The activated solution is certified safe as a general disinfectant and also safe in food preparation areas. It's also certified as effective for use in risk areas. The process is listed under Article 95 of the EU Biocides regulations. It's non-toxic and non-allergic so there's less risk to health, less plastic bottles thrown away, less health and safety training with no COSHH implications.

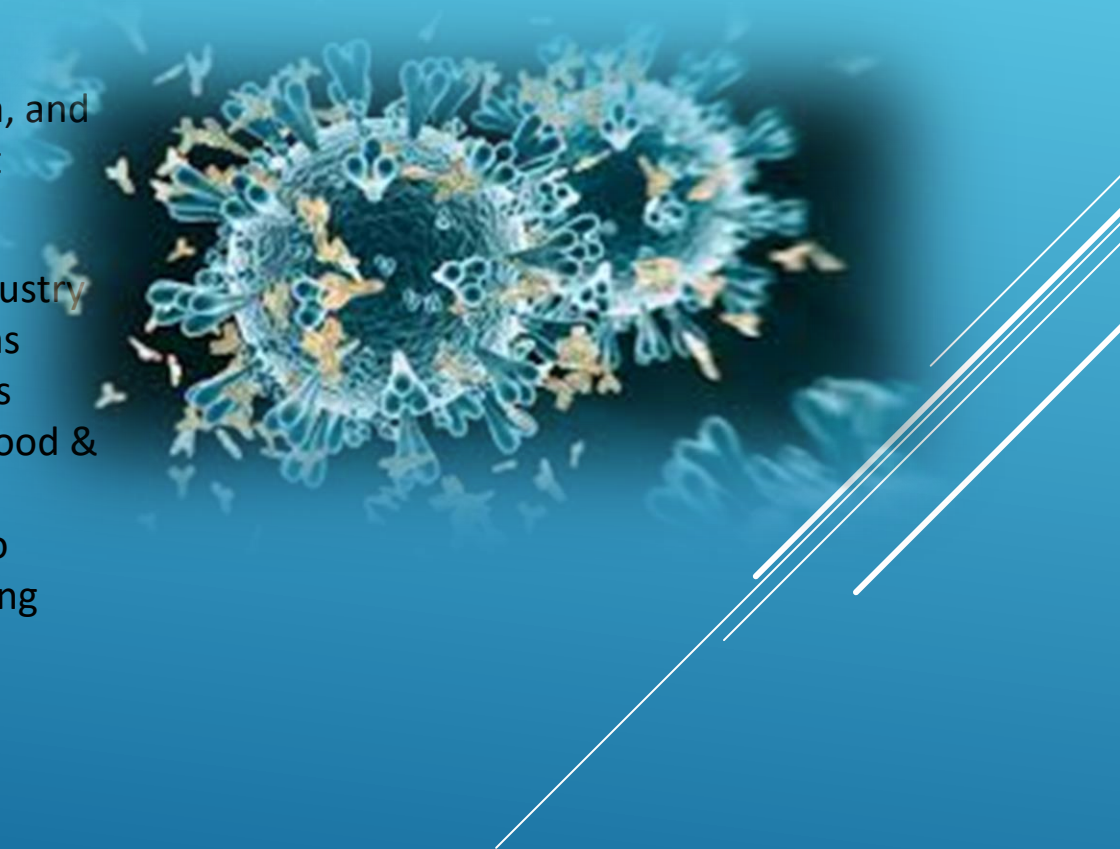


FAQ'S

Q. Where else is this technology used?

A. This technology is trusted by a huge range of industries around the world. It protects the marine environment, disinfects drinking water, combats Legionella, and is used to safely disinfect and clean in everything from fish processing to carpet cleaning, salad packing to flower cultivation and dairy farming

- ▶ The applications are numerous. And it's now being used by the cleaning industry in restaurants, schools, nurseries, universities, government buildings and has even been enlisted to fight the war against bacteria for the British Army. It is used to clean workplaces such as Geneva and Copenhagen airports, NHS Blood & Transplant Service, London School of Hygiene & Tropical Medicine, Volvo's commercial haulage vehicles, Pharmaceutical companies and more. Its is so benign it is sometimes used in the treatment of patients with chest/breathing problems.



FAQ'S

Q. Does it set off smoke/fire alarms?

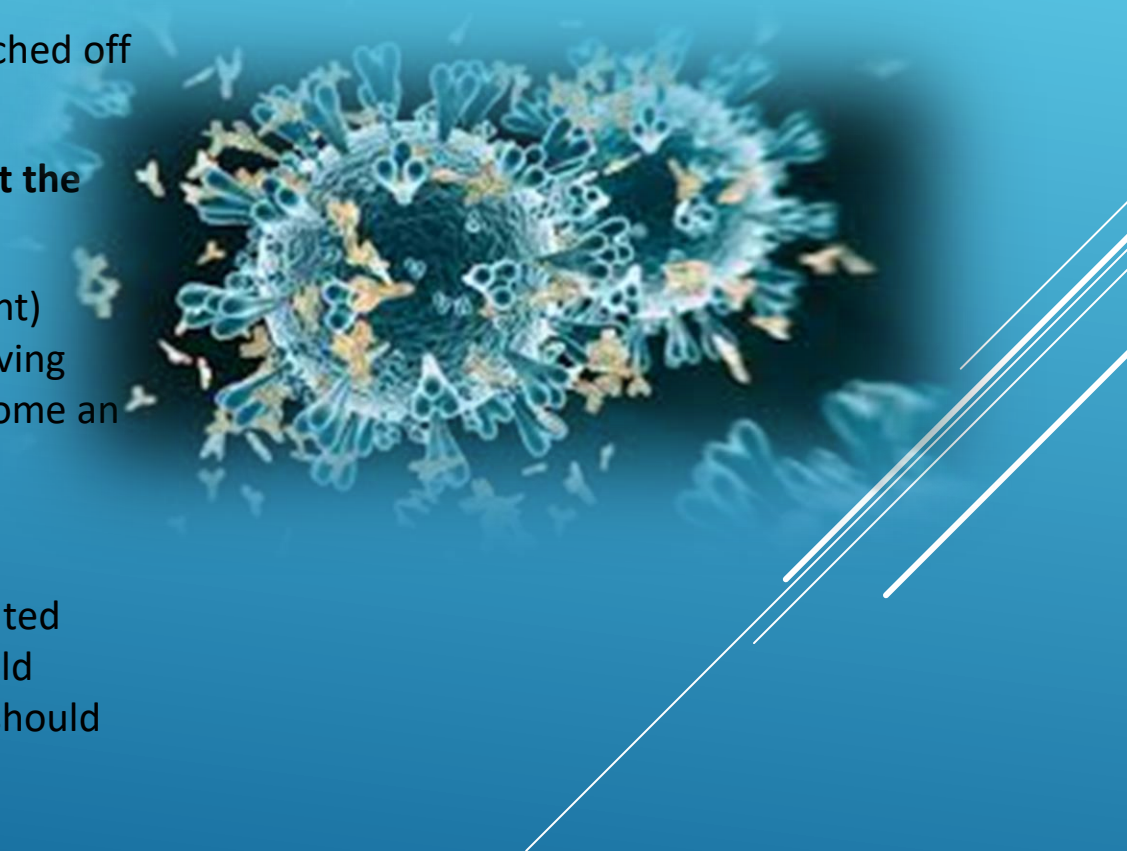
A. Not in most cases but it is advised that smoke alarms be temporarily switched off to avoid activations.

Q. You mentioned that salt is used in the process – should I be worried that the process is corrosive?

A. Very slightly. In a room measuring 10m x 10m (with a normal ceiling height) approximately ½ gram of salt would be distributed evenly in this space. If having repeated fogging with little time gaps and no further cleaning this might become an issue

Q. Does it affect electrical equipment/ computers?

A. No – these can even remain powered up and “on”. The solution is distributed between 7 -20 microns. That is small. Never at any point in the process would anything be wet to the touch. Particularly sensitive or precision equipment should be removed whilst the process is being completed.



FAQ'S

Q. Does it smell / do we need to open the windows after the process?

A. There is a subtle odour most recognise as “chlorine” which lingers for a short period after sanitisation and opening windows will prompt quick dissipation of this.

Q. What about air conditioning systems?

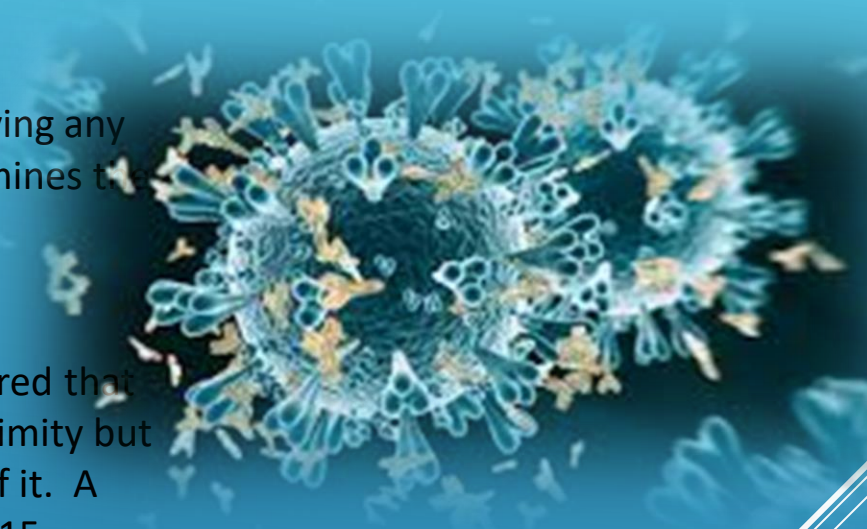
A. Preferably turned off although these can remain on if this is a challenge. Having any extraction (to outside) of ambient air during the process is wasteful and undermines the effectiveness of the process but recirculation of air within your site is ok.

Q. How intrusive is this service?

A. The process can take place whilst people are in the area although it is preferred that areas are vacated. The machine is noisy (but not deafening) when in close proximity but a closed door is enough for neighbouring areas to be shielded from the worst of it. A classroom sized area would only need to be vacated for (usually) no more than 15 minutes. We are happy to work with our clients on the order of events to fit in with normal activity. Larger open spaces such as open plan offices or school halls / canteens might need +/- 1 hour of “intrusion”.

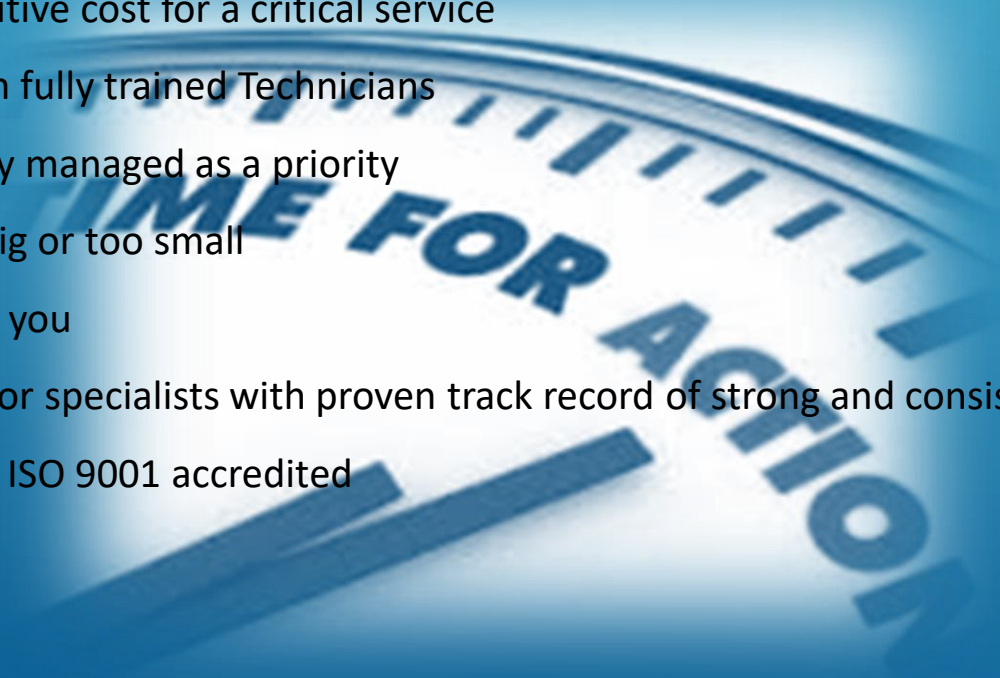
Q. Do you issue a certificate of sanitisation

A. Yes



WHO TO CHOOSE AND WHY HAYWARD SERVICES?

- ▶ Hayward Services have always been focused on the quality of our service delivery, our reputation and yours
- ▶ Invested and increased knowledge of the science of spray misting for you the client
- ▶ A very competitive cost for a critical service
- ▶ Specialists with fully trained Technicians
- ▶ Health & Safety managed as a priority
- ▶ No job is too big or too small
- ▶ We care about you
- ▶ Education sector specialists with proven track record of strong and consistent service delivery
- ▶ ISO 14001 and ISO 9001 accredited



CONTACT DETAILS

We fully appreciate and understand this is a measure often forced upon us with the information/guidance from various organisation. The key things to consider before decontamination are:

- ▶ Do I have preventative measures in place to ensure the safety of all as far as is reasonably practicable
 - ▶ Have we implemented enhanced control measures to limit the risk of transfer
 - ▶ Have we had a confirmed case
 - ▶ Have we isolated the affected area for no less than 72 hours
 - ▶ Is decontamination necessary (yes in the case of an infected area)
- ▶ For further information please Contact Ian Forrest:

Head Office : 01753 533336

Email : ian@haywardservices.co.uk

Mob :

Please visit our website www.haywardservices.co.uk

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