



The
Floorbrite
Group

**Water Hygiene, Water Treatment
and Air Hygiene Services**

Water Hygiene, Microbiological and Legionella Testing

Microbiological and Legionella testing including water sampling to UKAS standards by independent labs.

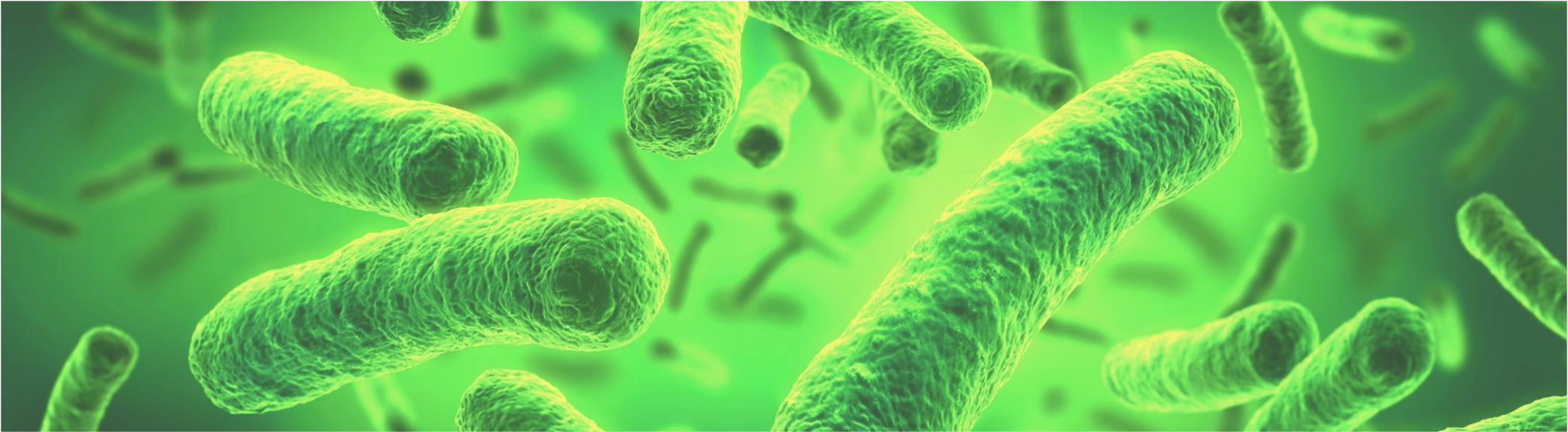
The process of water sampling involves two essential stages; taking an accurate water sample and producing a high quality analysis of this sample. Our professional service is conducted in compliance with both British Standards and Guidance and European and UK legislation. All our Engineers are trained to carry out water sampling according to UKAS standards, which minimises the risk of the water sample being altered before undergoing testing.

We can provide water testing for the following:

- Legionella
- TACC / TVC
- E.coli (Escherichia coli)
- Coliforms
- Pseudomonas Aeruginosa

Floorbrite recommend routine water testing of your site is carried out to determine your water quality throughout the system and to easily demonstrate that it meets legal requirements.





Water Hygiene, legionella Control and Remedial Services

The risks of Legionella should be identified and managed; this includes any remedial action highlighted from routine water hygiene monitoring or from findings on your Legionella risk assessment.

Under health and safety law, you have a duty to ensure that your water system is as low-risk as is reasonably possible to help prevent bacterial growth and the subsequent health hazards to the building's occupants.

The Floorbrite Group's partners have experience working with customers, from a variety of sectors, to assist with controlling the risk of legionella and carrying out remedial services. Common issues that we can help to rectify include:

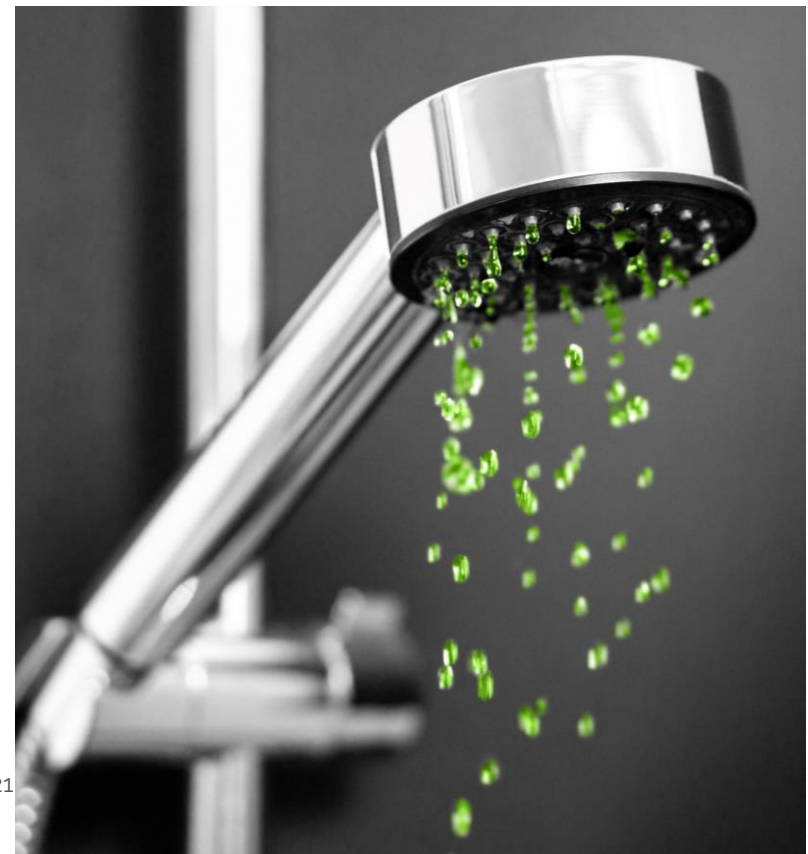
- Dead ends / Infrequently used outlets on the water system
- Cold water storage tanks that do not meet WRAS approved standards
- Water temperatures between 20-45°C within the system and in storage vessels
- Poor turnover of water within the system
- Deposits in stored water vessels and in water system that support bacterial growth



Water Hygiene, Water System and Tank Chlorination

Floorbrite provide chlorination and disinfection services for a variety of water systems, in accordance with BS8558. Hot and cold water services should be cleaned, flushed and disinfected in the following situations:

- Where there is evidence of significant contamination or stagnation with the cold water storage tanks;
- During, or following an outbreak or suspected outbreak of legionellosis linked to the system;
- Following water sampling results that indicate evidence of microbial contamination of the water system;
- Where the water system is not used for a prolonged period and has not been flushed as recommended or the control measures have not been effective;
- Where indicated by the legionella risk assessment;
- Or if the system, or part of it, has been substantially altered or entered from maintenance purposes that may introduce contamination.





Water Hygiene, TMV Servicing and Installation

Regular servicing of thermostatic mixing valves is a simple but crucial part of your water management and Legionella prevention programme.

A thermostatic mixing valve (TMV) is a device that controls water temperature for baths, showers and other outlets by mixing hot and cold water to produce a temperature-controlled flow that reduces the risk of scalding. TMVs should be serviced at least annually to ensure that they maintain the correct temperature and meet regulation requirements.

Water Hygiene, Spa Pool Services

Spa pool systems are a recognised source of diseases caused by infectious agents including the organism that causes Legionnaire's disease, primarily Legionella Pneumophila.

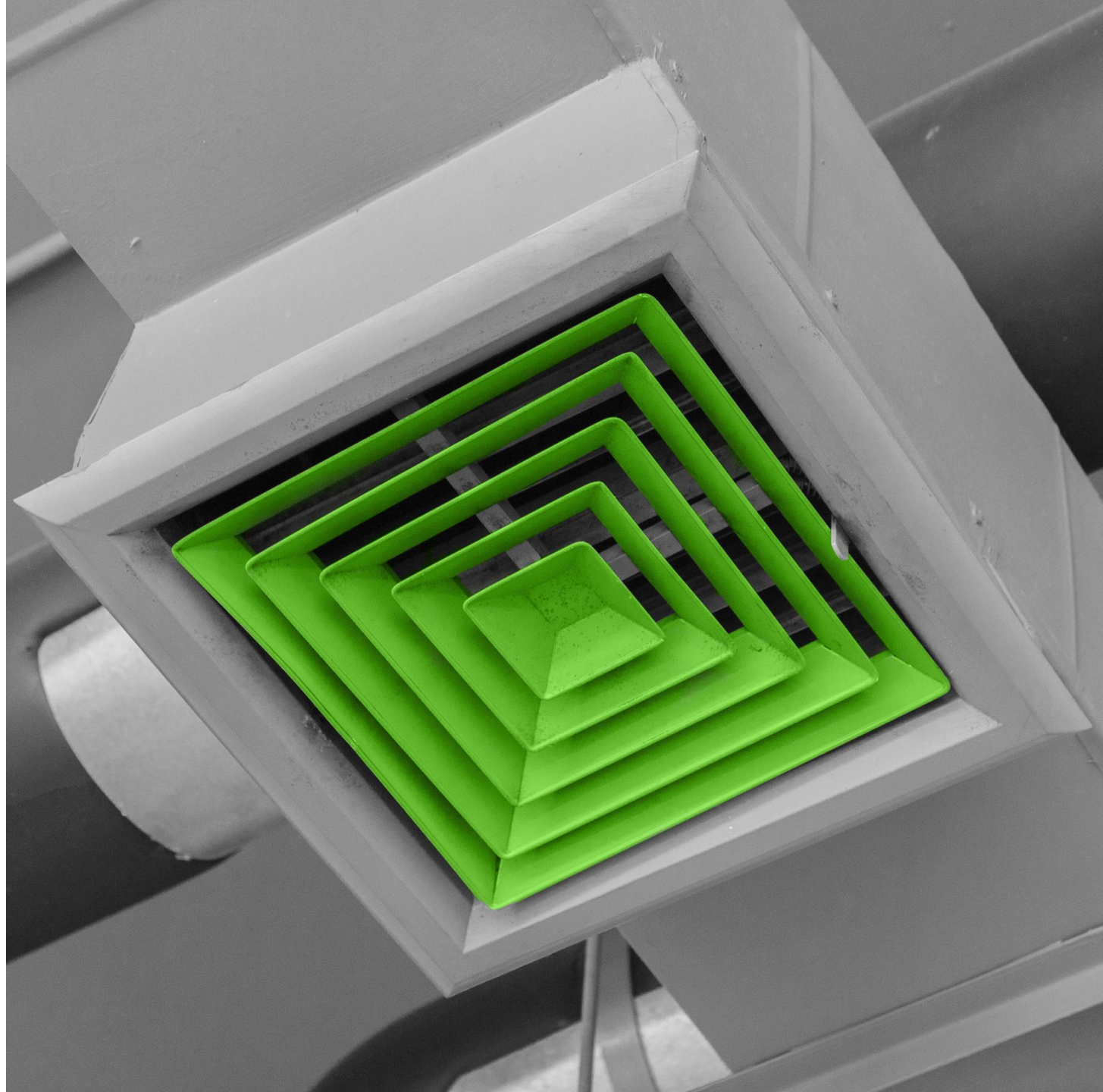
At Floorbrite, we recognise the increased risk of legionella that spa pools present and provide services that help organisations monitor the effectiveness of their monitoring programmes. Water in spa pools should be free from irritant substances, chemicals and infectious microbiological agents at levels, which may be harmful to health. There have been a number of outbreaks linked to spa pools in leisure centres, hotels, holiday homes, on cruise ships and on display.



Water Treatment, Cooling System Services

It is a legal duty to control the risk of exposure to legionella bacteria. As legionella are more likely to grow in a cooling system, maintaining the cleanliness of the system and water is an essential part of your control regime.

Our partner engineers are experienced and fully trained to help make sure your plant is functioning efficiently, reliably and in-line with the current applicable guidelines. An effective water treatment programme is an essential control measure to inhibit the growth of legionella in cooling water, as well as manage corrosion, scale formation and fouling to maintain the system's cleanliness.





Water Treatment, Closed Systems Maintenance

There are two types of closed recirculating water systems, notably chilled water systems (CHW) and heating water systems (LPHW, MPHw, HPHW). In a closed system, water circulates in a closed cycle and is subject to alternate cooling and heating without contacting air.

Closed water systems are susceptible to corrosion, sludge formation and bio-fouling. This can result in problems such as poor performance of the system, reduced economy and increased cost for maintenance and repairs. Materials to be protected can vary from copper, brass, aluminium, iron, mild steel, stainless steel and others.

Air Hygiene, Local Exhaust Ventilation Testing

Where employers use or intend to use LEV they must ensure that it is appropriate for the task, installed and operated correctly and subsequently maintained so it continues to operate as when originally installed.

LEV is an engineering control system that reduces exposures to airborne contaminants such as dust, mist, fume, vapour or gas in a workplace. Floorbrite provide a service that helps you to ensure that your LEV system is compliant with HSG258 and COSHH regulations.

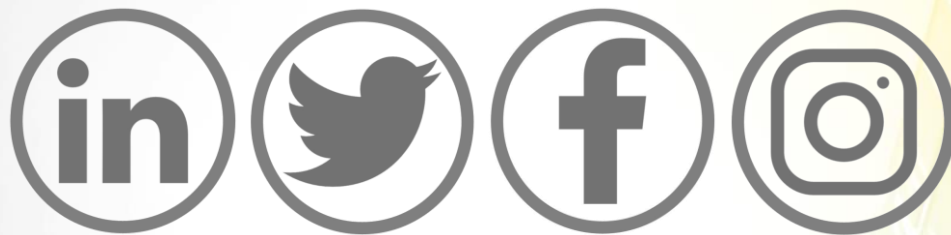




Air Hygiene, Indoor Air Quality (IAQ)

Floorbrite offer a range of services in relation to air quality that help you remain compliant with building and insurance regulations, while also ensuring the safety of your employees and visitors to your premises. The following factors can contribute to "Sick Building Syndrome" and should be managed and controlled to reduce the risk to your business:

- High temperature or excessive variations in temperature during the day
- Very low or high humidity
- Chemical pollutants, e.g tobacco smoke, ozone, volatile organic compounds from building materials and furnishings
- Dust particles and fibres in the atmosphere



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Please feel free to contact a member of our team to discuss your requirements