

Experts in Legionella

Legionella Penalties Increase The Pressure On Facilities & Building Managers

Employers have a duty of care to provide a clean and healthy place to work, which means it is vital that managers do not become complacent: carrying out regular maintenance of water-cooled systems is imperative.

In today's 'blame culture' society, the implications of negligence could be profound – both financial and reputational.

Landlords, property owners and facilities managers now face hefty fines if they fail to comply with the Legionella legislation, recently updated by the Health & Safety Executive.

Although outbreaks of Legionnaires' disease are rare, the ramifications are real and can be devastating to those involved. It is essential that those responsible satisfy their legal obligations to ensure that Legionella is not ignored and left unmanaged within their properties.

Fortunately, it is relatively easy to implement appropriate risk management strategies to ensure that the risk from Legionella is minimised. UK businesses require complete compliance in this area which is why those that fail to comply with the law can face hefty fines.

GES Water can provide a complete range of services to evaluate risk, instigate correct control and management programmes and staff training. If required, GES Water, can provide a range of solutions that would be required such as cleaning and disinfection, dead leg removal and temperature monitoring as well as many others.



HSG 282 - Latest Guidelines for Spa & Pool Systems



[Click here](#)

to download your HSG282 Guidelines form the
HSE website.

HSG 282 - The control of Legionella and other infectious agents in spa-pool systems is the latest release from the Health and Safety Executive in January 2017.

The guidelines are detailed and specific in terms of system design, operating and control procedures to ensure that the spa or hot tub system is safe to use. It is essential that control procedures and risk assessments are viewed and update, if required, to comply with HSG 282.

Is Having a Legionella Risk Assessment Enough?

Having a Legionella Risk Assessment was not enough to prevent G4S to be fined £1.8m after risking Legionnaires' Disease for six years.

Although not a new story, it is worth reminding Facility and Building Managers that just having a Legionella risk assessment in place is not enough to be compliant as the responsible person for Legionella management.

Harlow Council's environmental health officers (EHOs) launched an investigation in October 2013 after a resident, who worked at the G4S Cash Solutions (UK) site on Sandringham Avenue, contracted Legionnaires' disease.

The council could not establish whether the disease was caused by bacteria at the site, and the EHOs investigated a number of potential causes. Nevertheless, it found that serious risks with the building's hot and cold water distribution system had been uncovered in a risk assessment but not tackled.

Up to 200 people work at the site and various contractors and drivers visit it throughout the day.

Chelmsford Crown Court heard that the council found an unsigned health and safety policy dated 2009, but it was not until May 2012, when G4S hired a legionella consultancy that a risk assessment was carried out on the water system, which serviced the building's toilets, sinks and showers.

It identified 17 high risk issues, including dead legs in the system; hot water tanks that were too big for the site; and pumps that did not alternate. These three design flaws can cause water to stagnate and bacteria to grow.

Please make sure that your Legionella Risk Assessment is implemented with correct monitoring and control methods so you don't have similar problems to G4S and end up with a huge fine, or worse.



GES Water provide a UKAS 17020 accredited Legionella Risk Assessment as well as a complete package of control, monitoring and training services to ensure or clients are compliant.



Remote Legionella Temperature and Automatic Flushing

Key Features

- ◆ Automatic flushing-react and flush-by-set commands.
- ◆ Temperature monitoring takes a temperature up to every single minute.
- ◆ Web-based monitoring gives you control from anywhere in the world.
- ◆ Frost protection and freeze alarm for extra security.
- ◆ Fault alarm for added peace of mind.
- ◆ Self-managing 'intelligent' software knows if water is stagnant.
- ◆ Economical to run means smaller bills.
- ◆ Two-way communication for data gathering and proactive control.
- ◆ Works with other monitoring systems and can evolve with them over time.



Main Benefits

SAVE TIME, SHRINK COSTS

Direct control and full automation means no more risk from sick days, holidays and unreliable contractors. It means complete compliance and improved cost-efficiency have never been easier to achieve

MAINTENANCE FREE

Our autonomous systems are entirely self-sufficient, and they'll even send full diagnostic reports to your desktop, tablet or mobile phone.

IMPROVED COST EFFICIENCY

Our fit-and-forget automated system saves man-hours, and this can save literally thousands of pounds in the long run. In fact, return on investment is typically seen within months of installation.

EASY RETRO-FIT

It's never too late to have our qualified technicians install a new system. Once fitted, its convenience, reliability and cost efficiency mean you'll never look back.

WIRELESS TECHNOLOGY

Our state-of-the-art wireless technology gives you web-based monitoring of multiple sites from anywhere in the world.

Return On Investment

- ◆ Reduction in labour cost for site visits
- ◆ Reduction in water usage
- ◆ Less false negatives with their associated costs
- ◆ Improved compliance, better control
- ◆ Low cost installation and supply
- ◆ Pay back from 12 months depending on system requirements

GES Water - Who We Are

GES Water is an independently owned business specialising in water hygiene & water treatment solutions. With national coverage across the UK and locally based service engineers & consultants, we can offer our client an unrivalled variety of services and solutions for the control & Prevention of Legionella.

With GES Water's history stretching back 25 years & continued success & growth across the UK, you can be confident that you will deal with a professional & reputable company.

As a member of the Legionella Control Association (LCA), we are committed to delivering high standards of service.

Our accreditations include:

- UKAS 17020 for Inspections
- ISO 14001 - Environmental Management System (EMS)
- OHSAS 18001: 2007— Occupational Health and Safety Management System
- ISO 9001 - Quality Management Systems

GES Customer Relationship

GES will always provide the best advice and control procedures to our customers.

Our mission is to provide an unrivalled service within the water treatment & hygiene industry to ensure our clients receive innovative and cost effective solutions for the control & prevention of Legionella.

**Call us on 0800 121 8808 to speak with
one of our consultants for a free
no-obligation quotation, or email us at:
info@ges-water.co.uk**

Our Services Cover:

- ◆ Comprehensive Water Hygiene Risk Assessments in line with ACoP L8 and fourth edition HSG274
- ◆ Prevention & control measures
- ◆ Implementation & control precautions
 - Temperature monitoring
 - Water for pseudomonas, legionella and coliforms using an independent UKAS laboratory
 - Cleaning and disinfection of tanks, cooling towers, and incoming mains and associated hot and cold water pipe work
 - TMV installation and servicing
 - Swimming pool and hot tub Legionella control
 - Pre-commission cleaning
- ◆ Remote wireless temperature monitoring and automatic system flushing



- ◆ Dedicated logbook & record systems
- ◆ Audit & review services
- ◆ Legionella risk awareness training
- ◆ General Legionella and water treatment consultancy
- ◆ Remedial works
 - Pipe work modifications and tank replacements
 - Calorifier servicing
 - Dead leg removal
 - Scale and corrosion control of heating systems
 - General plumbing modifications
 - Supply and installations of water softeners and chlorine dioxide dosing systems