

## Case Study

### The Customer

The University of Leeds is one of the leading universities in the country, with a vision to enter the world's top 50 universities by 2015. There are 32,000 students and over 8,000 members of staff, making them the third largest employer in Leeds.

In addition to the University's strong educational reputation, they are also one of the UK's leading research universities and have won more environmental awards than any other UK university.

**UNIVERSITY OF LEEDS**

### Our Relationship

We have been working with the University of Leeds for 15 years. We currently hold a three year contract with the University, won at tender, to manage the water systems at 106 student accommodation properties based across the city. We were successful at tender by meeting set criteria including cost, resources available, proposed approach, methodology, and contract management.

A strong partnership between H<sub>2</sub>O Chemicals and the University of Leeds based on trust and shared values has been formed over the years. This contract is one of our largest and most prestigious and H<sub>2</sub>O Chemicals is proud to say that we are affiliated with the University of Leeds.

### What we did

The tender specified a requirement for an Electronic Log Book and Monitoring system. An electronic system was seen as a way of improving record keeping and to give the legionella team real time access to temperature logs and in particular underperforming systems.

**UP<sub>2</sub>DATE**

The University were very keen that the electronic system provided:

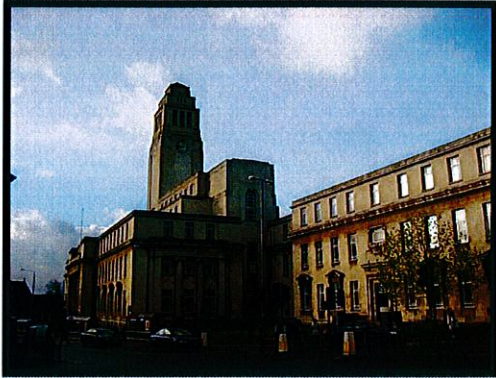
- Online access to multiple users
- Trend analysis
- Electronic storage of Risk Assessments which could be updated at the request of the University
- The use of barcodes and barcode scanners to identify assets and electronically log monitoring results

H<sub>2</sub>O Chemicals has since assisted the University to achieve these aims through the use of our database, UP<sub>2</sub>DATE.



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The Electronic Log Book is used specifically by the Legionella Control Team to manage and audit the water hygiene programme. The UP<sub>2</sub>DATE database has therefore made the auditing process and early identification of problems much more efficient; management no longer have to visit each individual site to audit Log Books as all records can be accessed remotely through the database at the Estates office.



University staff can rest easy that records are safe and secure. The Approved Code of Practice and Guidance L8, "Legionnaires' Disease – The Control of Legionella Bacteria in Water Systems" stipulates that records regarding temperature logs, remedial actions, faults logs, etc., must be kept onsite and readily accessible for five years. Secure electronic records therefore helps the University ensure compliance with this requirement.

The Estates Department believes the database has improved the reporting of remedial actions, describing the defects log as "a very useful tool" to help identify any potential areas of concern or underperforming systems. The database helps ensure that remedial actions are signed off as complete, with the traffic light system visually highlighting any buildings that have outstanding actions.

According to the University one of the best features is the ability to store and have desktop access to both the Risk Assessment and the Log Book information in the same place. They believe this further proves the University's compliance with the ACoP L8, as they can demonstrate that they are acting on the findings of the Risk Assessment and that all water systems are under full control.

The implementation of the database has also helped the University save money by targeting resources at systems which require alterations. An example of this would be the use of images to review tank conditioning. Images stored on the database highlight which tanks require attention and which are fully compliant, rather than assuming work is needed on all tanks. This therefore reduces expenditure and any potential disruption to the water system.

## What we can do for you

The implementation of the UP<sub>2</sub>DATE database at the University of Leeds has saved the University time, money, resources, and has enhanced compliance with health and safety guidelines. The importance of a successful water hygiene regime at a site such as the University is profound, with thousands of students and staff coming in contact with water systems every day.

This case study demonstrates how the Electronic Monitoring and Log Book system is particularly successful for clients that have decentralised sites, reducing the difficulty of record keeping, auditing, and management programmes. The database ensures that all parties involved are aware of their responsibilities, with actions assigned to an individual for completion. The use of an electronic monitoring system ensures that all remedial actions are signed off and that faults are identified straight away.

The UP<sub>2</sub>DATE database can be used to store information about many different systems of control, including Asbestos, Fire, Air Hygiene, or to store important health and safety information, such as Training Records.

To find out more about how the UP<sub>2</sub>DATE Electronic Log Book and Monitoring system can assist you, contact our office on 0113 30 60 400.