"Oddly, the only system on the whole estate that gives us consistent problems now is one that has been heavily dosed in the past".

Andy McWatt
Senior Mechanical Engineer,
University of Strathclyde

Spirotech first choice for Strathclyde

- Improved system functionality
- Wholesale removal of all system contamination
- Reduced requirement for system dosing
- Improved system lifetime
- A significant reduction in maintenance requirements

improved system functionality

SPIROTECH

maximising performance

The University of Strathclyde's building maintenance requirements have been streamlined thanks to a long-term commitment to eradicate contamination from all of its heating and cooling systems in partnership with Spirotech.

Andy McWatt, Senior Mechanical Engineer at the University of Strathclyde.

For the last seven years, Andy McWatt, Senior Mechanical Engineer at the University of Strathclyde, has specified only Spirotech product across all the university's existing and new systems, as a result of excellent experiences with the brand; namely the transformation of the heating and cooling systems serving the university's SIBS Robertson building.

"The SIBS building is a very sensitive area of our prestigious Biomedical unit, and one where accurate temperature control is vital," explains McWatt. "In this particular building, we were having real issues with debris blocking the re-heat battery control valves, which was made worse by the fact that access to the valves is difficult."

"The hassle of having to access the network to be able to remove the contamination was both time consuming and costly, so the remedying of system problems in the SIBS building has saved us a tremendous amount of time and resource."

The installation of Spirotech's SpiroVent Superior in 2008 marked the beginning of the partnership with the company, which resulted in improved system functionality across the site and the wholesale removal of contamination issues across both historic and new building stock.

"With Spirotech, what you get is a fit and forget solution, which is why we've specified the product across 70% of our systems."

Andy McWatt
Senior Mechanical Engineer, University of Strathclyde

"With Spirotech, what you get is a fit and forget solution, which is why we've specified the product across 70% of our systems," reveals McWatt. "We are extremely proactive when it comes to the design and specification of our systems, and we recognise the value in taking a long-term viewpoint which focuses on system health and functionality, rather than being driven by cost in the short term."

"We've shown with our work here at Strathclyde the value of adopting the approach we do; focusing on air removal through degassing and with a low chemicals usage program. Oddly, the only system on the whole estate that gives us consistent problems now is one that has been heavily dosed in the past".

"What we do works, saves time, reduces the requirement for an expensive chemical regime and improves system lifecycles."

Andy McWatt
Senior Mechanical Engineer, University of Strathclyde

"Unfortunately, this is unavoidable when using products whose manufacturer insists on water treatment in order to validate warranties. Where possible, we avoid these, and also products that can be adversely affected by excessive chemicals use - aluminum heat exchangers or carbon steel products being two examples. Using materials like aluminum, which is more susceptible to corrosion, is ultimately at odds with creating a healthy system where minimal corrosion and good water quality should be high priority."

"Our success in improving poorly functioning systems has been proven, and the fact that we suffer no problems with contamination, or poor functionality in our new systems is proof that what we do works, saves time, reduces the requirement for an expensive chemical regime and improves system lifecycles."

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