

**N**HS Estates hopes to launch the revised HTM on the control of Legionella in hot and cold water systems by April 2004.

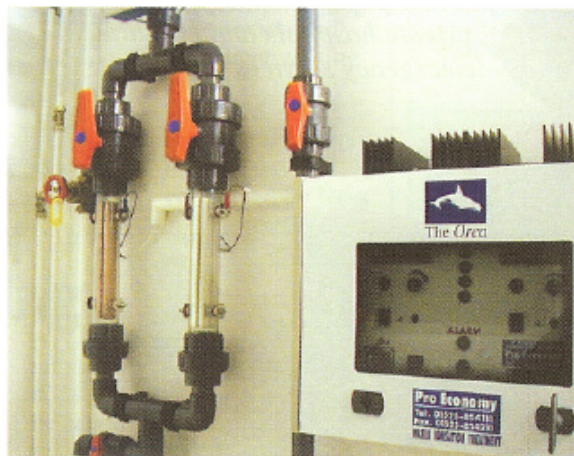
ProEconomy was invited to comment on the draft document and submitted its response in October last year.

"The new document recognises that in hospitals, with generally large and complex water systems, it is not always possible to maintain the conventional temperature regime and that an alternative approach such as copper and silver ionisation may be necessary to achieve Legionella control," says Birgitta Bedford, technical director of ProEconomy.

#### Positive change

"We are pleased with this positive change. When we installed our first Orca system at Manor House Hospital in Aylesbury in 1995, temperature control was the only option available and testing hot water temperatures was relied upon," reports Birgitta. "Now, also because of the HSE's Code of Practice (L8), we are seeing more and more installations of our Orca copper and silver

## The revised HTM on the control of Legionella in hot and cold water systems



The Orca system is a safe and effective way to kill and control Legionella that may lurk in your water system. It not only penetrates and controls bacteria in deadlegs, and is a stable, long working

process, it also destroys biofilm, which is a major breeding ground for Legionella. Furthermore, the very low concentrations of copper and silver needed to kill and control Legionella are safe to drink and handle.

#### Reduced maintenance

The system works at non-scalding hot water temperatures and mixing valves are no longer needed and maintenance costs

are reduced. Savings are also made on energy.

ProEconomy identifies risk areas and tailor-makes the Orca system to suit specific needs in hospitals. It maintains the system and monitors water quality regularly. Certified water quality records are given proving sites are Legionella free. With a track record of success of more than 10-years, you can rely on ProEconomy's knowledge, experience and professionalism.

#### Proven solution

If you are looking for a cost-effective and proven way to control Legionella in your water system you could join the ever-growing list of satisfied users, from 1,200-bed hospitals to 30-bed care homes and install an Orca system.

For a free risk assessment and survey, call ProEconomy on: 01525 854111.

**ENQUIRY NO. 805**



### The total solution for Legionella control

The Orca system uses the technology of silver and copper ionisation to kill and control Legionella bacteria. It is the safest and most effective method of Legionella control while remaining environmentally friendly. Silver and Copper ionisation also destroys biofilm, which is what the Legionella sits in.

ProEconomy identify risk areas and tailor make the Orca system to suit your specific needs. They maintain the system and monitor your water quality regularly. Having done this now for more than 11 years at over 150 sites throughout the UK, you can rely on ProEconomy's knowledge, experience and professionalism for total peace of mind.

Visit [www.proeconomy.com](http://www.proeconomy.com) or contact us for a free risk assessment and survey on 01525 854111.



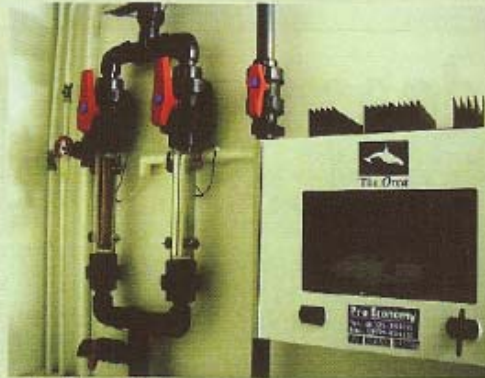


If you are looking for a cost-effective and proven way to control Legionella in your water system you could join many other hospitals, care homes and commercial buildings throughout the UK and install an Orca System.

The Orca system uses the technology of silver and copper ionisation to kill and control Legionella bacteria. It is the safest and most effective method of Legionella control. Unlike with chemical treatment, the copper and silver ions remain active, they do not evaporate, and will penetrate into breeding areas of water systems where chemicals cannot reach; like deadlegs and biofilm. Furthermore, the very low concentrations needed to kill and control the bacteria are safe to drink, handle and much kinder to the environment.

# Total solution for legionella control

*The Revised HTM 2027- NHS Estates approves using copper and silver ionisation to control Legionella in hot and cold water systems.*



The conventional method of maintaining water temperatures below 20°C and above 55°C does not ensure the eradication of Legionella.

Furthermore, the high hot water temperatures of 55°C means scalding danger and expensive mixing valves must be installed.

The Orca system may be used at non-scalding hot water temperatures; you will no longer need to install expensive and maintenance-consuming mixing valves. You will also save money by using

less energy to heat the water.

ProEconomy identify risk areas and tailor make the Orca system to suit your specific needs. They

maintain the system and monitor your water quality regularly. You will be given certified water quality records proving your site is Legionella free. Having done this now for more than 10 years at over 150 sites throughout the UK, you can rely on ProEconomy's knowledge, experience and professionalism.

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**ENQUIRY NO. 709**