



Ecolab Chemical Cleaning Services

CUSTOMER OPERATING CHALLENGES

Corrosion, scaling, fouling and microbiological growth, impacts daily operations causing a decrease in asset efficiency leading to higher operational cost and unplanned downtime. Ecolab Chemical Cleaning Services removes these contaminants to prevent unplanned downtime and deliver (energy) cost savings and prolongs asset life and efficiency.

CHEMICAL CLEANING SERVICES

Since 1970, Ecolab Chemical Cleaning, has delivered improved productivity, asset reliability and cost savings to customers worldwide. Unparalleled safety, service experience and equipment makes Ecolab the first choice in Chemical Cleaning solutions.

SYSTEM	SOLUTION	CUSTOMER BENEFITS
Steam Boilers	Removing deposits from the system	Water savings, asset protection, energy reduction, ensure product quality
Heat exchangers	Removing deposits from the system	Optimise heat exchange efficiency, energy reduction
System passivation	Provide internal surface protection against corrosion	Protect and extend asset life
Process pipework	Removing deposits from the system	Maximise product flow/output, energy reduction, ensure product quality
Technical consulting	Technical Consulting and R&D, develop and implement chemical cleaning processes and procedures	Highly experienced team for the best results



CASE STUDY



SITUATION

The facilities management for a major government building, approached Ecolab with a corrosion issue in their new cooling and heating water stainless steel pipework. Soon after installation, severe premature pitting corrosion was observed, causing pipe weld failures in piping up to 450mm diameter.

If not solved quickly, major asset damage would have occurred throughout the building due to water leakage. This would have been a significant capital expense to replace and repair.



SOLUTION

Ecolab Chemical Cleaning Services responded swiftly and performed a laboratory trial clean and passivation of a section of the pipework from the system.

Based on the analytical and trial results the Ecolab Chemical Cleaning Services team developed a cleaning process and procedure to chemically clean and passivate the complete system in place.

Working with the facilities management and Worksafe Australia, the clean was completed safely and effectively.



CUSTOMER BENEFITS:

Ecolab Chemical Cleaning Services allowed the building to maintain in operation as a public venue with minimal downtime and loss of revenue. The success of the clean avoided closure of the building and the replacement of expensive stainless steel pipework.

SERVICE ADVANTAGES

We know that customers need immediate answers when they have a system or process problem. That is why we provide customers "Analysis with Answers" in a responsive and cost efficient way.

Our advantages include:

- R&D laboratory facilities for deposit analysis
- Pilot plants to simulate real cleaning conditions
- Large range of unique equipment from pumps to pipework
- Unparalleled experience and expertise in chemical cleaning operations and management
- Standardised documented procedures and safe work method statements



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Contact your local sales representative for more information.

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