

Condition audits

THE QUICK & EASY WAY TO IDENTIFY AND ADDRESS SYSTEM WEAKNESSES



Find opportunities
to optimize



To meet ever-growing system demand and maintain operability, it is important to manage your water and wastewater assets cost-effectively. The age and condition of your equipment has a major impact on plant efficiency, reliability and productivity. A condition audit helps ensure maximum uptime and efficiency, as well as maintaining high health, safety and environmental standards.

What it is

During a condition audit our experts will examine all system components to determine if they are operating at their optimum and will recommend any action needed to ensure the highest level of system efficiency & reliability.

How it works

Xylem process specialists will carry out a comprehensive review of system operation and generate a short report which will provide an assessment of which system components require repair, replacement or upgrade in order to maximize system efficiency.

After presenting the report, we meet with you again to discuss our recommendations in depth. We can also provide a cost-benefit analysis, based on the different options, to help you set priorities.

Why it makes sense

By conducting a condition audit you will determine if your plant is performing according to design specifications. A condition audit will also give you a first indication regarding your potential to save energy by optimizing your system. You can learn more about the opportunities to optimize energy usage at your facility by requesting a complete energy audit.

Why Xylem TotalCare

When you work with Xylem TotalCare services, you get secure, optimal operations that come only with broad engineering expertise in water and wastewater.

- Provide solutions for equipment and control improvements
- Identify operational inefficiencies
- Identify opportunities to improve plant performance
- Reduce downtime and costs for emergency repairs by acting proactively to identify system weaknesses
- All work is undertaken to established and audited standards against ISO 9001 & 14001 (Management Systems) and ISO 18001 (Occupational Health & Safety Management Systems)
- CHAS (Contractors Health & Safety Assessment Scheme) accredited
- CQMS Safety Scheme registered
- EXOR certified supplier
- Safety Management Advisory Service certified contractor

Case study

CHALLENGE: Improve operational reliability, reduce costs and save energy at the world's largest UV TAK installation, with 12 channels and an average volume of 300,000 m³ of treated water per day.

SOLUTION: A condition audit that consisted of an overall "system health check". The results of the condition audit showed the need for some upgrades (new lamps and ballasts) which resulted in considerable energy savings and improved performance of the system.

Price

The price of a condition audit depends on the size and complexity of the system. Please contact your local Xylem service manager for details.



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