



Steam trap monitoring is a proactive approach of optimising steam system performance, reducing maintenance costs, enhancing process reliability and supporting sustainability targets.

By adopting effective monitoring technologies and maintenance practices, organisations can gain significant benefits across their operations.

1 Cost Saving

A single defective steam trap can lead to £2,000 worth of wasted steam annually. Monitoring steam traps and identifying early signs of failure can decrease energy usage and result in lower utility costs. Moreover, proactive maintenance helps minimise the chances of expensive repairs or equipment breakdowns associated with poorly maintained steam systems.

2 Increase Safety

Steam leaks resulting from faulty traps can create safety risks and operational issues. Detecting and fixing malfunctioning traps promptly improves system safety and protects employees, reducing the likelihood of accidents and downtime.

3 Environmental Impact

Faulty steam traps can result in significant energy losses, they can lead to substantial steam loss or condensate to remain in the system longer than necessary. Inspecting and monitoring steam traps on a regular basis helps identify and repair faulty traps promptly, reducing energy waste and improving overall efficiency.

4 Equipment Reliability

Maintaining steam traps is crucial to avoid water hammer and other damaging effects on steam system components. Regular monitoring and upkeep can extend the life of steam traps and associated equipment, reducing the need for frequent replacements and extensive downtime.