



REGULAR, SYSTEMATIC EQUIPMENT INSPECTIONS DELIVERS USEFUL SITE TOOL AND GREATER RELIABILITY

Optimise equipment performance and safety

Regularly and proactively scheduled inspections are critical for ensuring the longevity and peak performance of equipment and processes at sites. As we all know, unplanned equipment downtime can cause severe financial losses. Equipment failures, multiple calls to a service centre, degrading process efficiency – these are all potential outcomes from equipment that has not been regularly inspected (and, as a result, maintained)

Regular, systematic inspections provide a clear understanding of the current condition and maintenance needs

of site equipment, including future spare parts requirements. With this information, customers can maximize equipment uptime and better plan long-term resource and production schedules.

The Outotec Equipment Inspection service provides clear data and expert recommendations that help to improve decision-making, and help keep site operations running like clockwork.

CHALLENGES

- Unplanned downtime, reduced availability
- Premature wear

SOLUTION

- Regular, proactive Outotec maintenance inspections

RESULTS

- Provides consistent, clear data and expert recommendations
- Maximizes equipment uptime
- Increases equipment reliability and life
- Improves safety and maintenance planning

What does an inspection include?

An Outotec Equipment Inspection comprises data analysis and preparation, on-site equipment evaluation, and a full inspection report with follow up as agreed. Many customers choose to include inspection services as part of a long-term maintenance agreement.

Faster and more convenient reporting with digital tools

Outotec technicians use a cloud-based mobile app to make the inspection and reporting process faster. This means customers get the results more quickly and in a clear, accessible format that's easy to share with colleagues. The app guides technicians through the inspection process, and even allows them to capture thermal images to support more accurate decision-making.

Comments Charlie Romano, Maintenance Superintendent at KCGM, Kalgoorlie, Australia "It's a useful report with a good overview. Outotec's service is very professional".

As soon as the inspection is complete, customers receive a preliminary report via email, ready for sharing with colleagues. A full report follows after our experts have performed in-depth analysis of all the equipment data gathered during the inspection.

Explains one Production Metallurgist in Australia "The report looks good and is easy to follow. The summary table is particularly handy. Turnaround time from inspection to initial report is also impressive, so it's a useful site tool for us"



Benefits of digital inspection tools

- Faster, easier inspections mean quicker results
- Reports are clear and easy to share with colleagues
- Identify trends based on historical data gathered in previous inspections
- Benchmark equipment based on available data and history
- Comprehensive data gathering improves decision-making

Greater reliability and optimised future planning

A clear understanding of the condition of the equipment and the service needs, including the anticipated need for spare parts in the future, is critical. With the equipment inspection, operational capacity can be maximised by reducing unscheduled downtime. Operating expenses over the long term can also be more easily planned. A key benefit of regular, systematic inspections is greater equipment reliability.

Explains KCGM's Charlie Romano "since restarting with the Outotec flotation inspections, (we used Outotec previously many years ago) we have seen an improvement in equipment reliability".

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