

CONVEYOR IMPROVEMENT AUDIT

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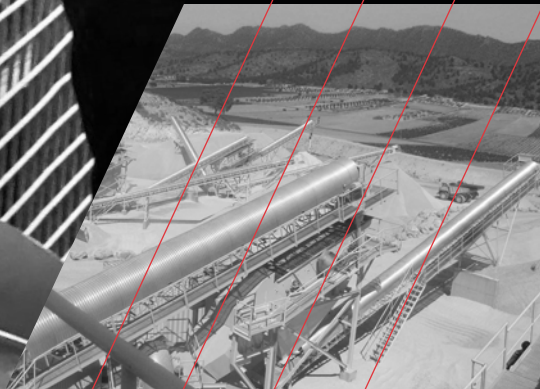




About us

With over 30 years experience, Kinder Australia has an unsurpassed reputation as a market leader in the bulk handling industry. It has a proven history of providing a comprehensive range of beyond expectation, high performance, reliable and compliant conveyor componentry.

These engineered bulk material handling solutions resolve immediate problems effectively and create opportunities for further measurable gains in production and efficiency.



The audit

Tailored to each operator's specific requirements, a full or component conveyor audit is offered. The audit is aimed at improving performance, identifying potential safety hazards, environmental risks and includes detailed reports with practical and actionable advice.

The audit begins with a pre-consultation and opportunities to discuss specific needs, expectations and problems.

The on-site inspection is conducted by 'walking the belt', inspecting its operation and noting down problems for later attention. During the inspection, potential hazards and performance issues are observed, identified and recorded.

The trained Kinder specialist brings a fresh set of eyes to the inspection. Performance or safety issues are often missed because of over-familiarity with a specific conveyor.

Photographs/videos are taken, and detailed notes of the problems observed. The raw data will be collated, form the basis for future reporting and made available to the business to assist maintenance crews, educate workers and better prepare operators for any potential hazards they may encounter in the future.

Performance

Across all bulk handling segments, there is emphasis on increased volumes and conveyor capacities, requiring equipment to be in peak condition. The audit will identify immediate and future wear plus provide a detailed performance analysis. The audit, while not limited to, will focus on:

TRACKING/ALIGNMENT

Conduct systems inspections to ensure it has the right type of belt tracking components to suit the conveyor belt's speed, direction, trough angle and material loading. The Kinder specialist will observe any alignment problems and provide solutions to promote correct conveyor alignment.

SPILLAGE

Keeping the conveyed material on the belt, thus avoiding spillage and dust emissions is a principle function of plant productivity and safety. Without correct conveyor spillage control, site safety and dust emission are compromised.

Safety

It's vital that all conveyor operators have a stringent and rigorous safety regime in place that protects workers. While 'walking the belt' the Kinder specialist will consider factors like accessibility to emergency stop controls, structural damage, guarding and warning systems, among other things.

Environmental

Dust emissions are becoming increasingly regulated and operators who fail to monitor and implement emission controls risk being fined for non-compliance and, in extreme cases, forced to halt production.

The Kinder specialist can recommend dust control solutions, like enclosing conveyor belts, to mitigate dust emissions and reduce the environmental impact of the conveying system.

Reporting

Following the on-site inspection, a detailed report tailored to the operators' specific requirements will be prepared. The report will provide practical and actionable advice to improve the performance, safety and environmental impact of the conveyor system.

Reporting will include raw data collected by the Kinder specialist during the on-site inspection – field notes and photos, for example – as well as more extensive analysis of key components.

The report will provide plant managers and operators with a roadmap to better overall conveyor performance, a detailed step-by-step approach to improving safety and recommendations to reducing the environmental impact of the system.



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