

Audit services

Get better control of your performance



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Desk audit

A THEORETICAL APPROACH TO THE LINE BASED ON DOCUMENT ANALYSIS.

GOAL:

- To estimate the impacts of various line concepts on efficiency.

METHOD

- Collection and detailed analysis of the line's production parameters: layout plan, production sheets, maintenance reports, etc.
- Numerical simulation of different scenarios in order to determine the line's potential.

DELIVERABLES

- Detailed list of the strengths and drawbacks of each of the proposed concepts.
- Proposals for optimized alternatives.
- Estimation of potential efficiency gains for each variant.



Production audit*

A COMPREHENSIVE DIAGNOSTIC APPROACH TO OPTIMIZING YOUR LINE.

GOAL:

- To improve line performance and operation.

METHOD

- On-site measurements: to check machine and conveyor speeds, take readings of good operation times, observe slave systems, supplies and operator actions...
- Determination of line performance.
- Identification and quantification of the main design, control and operating problems.
- Analysis of sources of efficiency losses and production time increases (cleaning operations, format changeovers, etc.).

DELIVERABLES

- Submission of action plans to improve efficiency and decrease non-productive time.

*To get a more comprehensive view of your line, you can combine the line operation audit with a competence audit for your staff. This combination of audits will give you an even more precise estimate of the performance gains you can obtain, thanks to a training plan adapted to the needs of each of your employees.



Audit^{eco}

AN APPROACH TO YOUR PRODUCTION THAT COMBINES PERFORMANCE AND ENVIRONMENTAL FOOTPRINT.

GOAL:

- To measure and optimize energy and fluid consumptions per unit of production.

METHOD

- On-site measurements: combination of an efficiency audit with readings for water, power and heat (cooling and heating) consumption.
- Correlation of measurements to identify good levers for optimization.
- Comparison with the equipment's original specifications and with "best in class" values from our databases.

DELIVERABLES

- Proposals for corrective action programs, which are prioritized to optimize equipment consumption levels and potential performance gains.



Remote audit

GOAL:

- Monitoring and continuous improvement of line performance, thanks to the use of the Efficiency Improvement Tool @ (EIT), Gebo's data acquisition system.

METHOD

- Regular production of summary reports about line operation.
- Archiving of operating history.
- Analysis of events that impact line performance.

DELIVERABLES

- Reports sent regularly.
- Prioritization and quantification of causes for identified productivity losses.
- Monitoring and evaluation of improvement actions.
- Training and monitoring of the proper use of EIT.



Quickly identify improvements areas

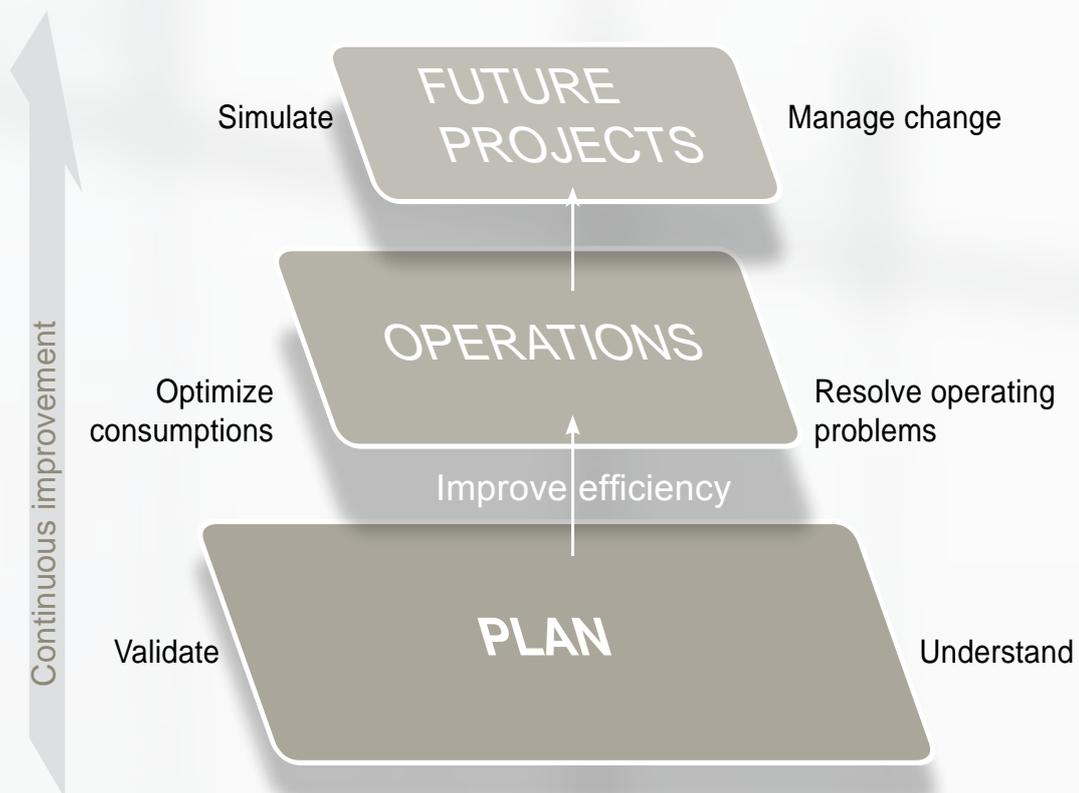
PRODUCTION LOSSES? DROP IN QUALITY? LACK OF EQUIPMENT RELIABILITY?

Maintaining the cost-effectiveness of your production line requires periodic overhauls. An audit is often the most economical and efficient way to get back on the right track with your line performance. Thanks to detailed analysis of actual line operation, from its general concept to the smallest details affecting performance, this audit accurately identifies the sources of losses as well as efficiency improvement areas.

Secure and optimize your new projects

DO YOU NEED TO EXPAND PRODUCTION? INTRODUCE NEW FORMATS OR PACKAGES? CHANGE MACHINES, MODIFY FLOWS OR LINE LAYOUT?

Based on an understanding of your facilities and cost control, the audit also helps you during any line modification project. With well-documented recommendations, it guides you through all possible options, prioritizes the required work and helps you perform the work and control costs, including warranties for good results.



First in line

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