

# Technical Audita

SYSTEMATIC PROCESS ANALYSIS.

The Technical Audit enables us to highlight potential improvement areas in the production process. The audit will analyze a machine or lines during production in order to identify technical and organizational inefficiencies. It will provide a health check and performance assessment for your equipment.

Using special software, which utilizes data logging of the production process, assumptions for inefficiencies are replaced by facts. Live data can be collected either with the Audit tool while the interdisciplinary audit team is on site or over a longer period of time with other performance measurement tools. Our Technical Audit is therefore the ideal way to reveal inefficiencies in your production process and to develop possibilities for optimization. By improving your packaging processes, you can simultaneously lower costs and improve efficiency.

At the end of the Technical Audit a report is issued which presents coordinated measures and an action plan for improvement.



## Your benefits

- Structured process analysis
- Interdisciplinary audit team with expert knowledge
- Independent view based on live data
- Audit reports documenting technical and organizational inefficiencies
- Lower production cost through improved equipment efficiency



## Technical Audita

## A FACT FINDING APPROACH.



#### **PLAN**

## Discovery: 1/2 to 1 full day on site

A half to full day meeting on site is necessary to understand the needs of the customer's manufacturing process as well as the customer's methods for tracking success. It will be these metrics that we will provide back to the customer in the final report with correlative actions by Syntegon.



## Kick-off: 1/2 day on site

During this meeting Syntegon will review the proposed schedule for the audit. The schedule will consist of products to be run by the customer as well as shifts to be audited. The goals of the audit will be reviewed so there is complete agreement in what the customer expects to see as a result of the audit.



#### DO AND CHECK

## Audit: 2 to 3 days on site

An interdisciplinary team is selected based upon knowledge of the customer site and equipment being audited. The service team's job is to identify easy to fix items that may corrupt audit data. The audit team will record stoppages in specific categories for the purpose of finding common root cause problems.



## Analysis and proposal: 2 weeks off site

Based on the audit report, Syntegon creates a quotation with coordinated measures for improvement and a comparison of cost and expected use. This report and proposal is presented in a joint half-day workshop with members of the interdisciplinary audit team and the customer's management.



### **ACT**

#### Implementation

Based on the action plan and the respective priorities of the customer, the action plan is transferred into a project plan. Machinery will be upgraded and operators trained to accomplish the proposed measures. Before project completion, all proposed and completed actions will be reviewed and compared to the metrics defined.



## Review: 1 year after implementation

Syntegon returns on site with the field service team to review the effects of implementation and monitor improvements. Any suggestions or corrections will be provided in a service report to the customer.