SCHULER
CONSULTING

Transparent. Optimized. High-performance.

OEE
process optimization —
Increase value creation and minimize waste with Lean Six Sigma

OEE process optimization

Lean Six Sigma | Increase value creation, minimize waste

Increase your production performance by analyzing and optimizing your overall equipment effectiveness (OEE). OEE is a key figure that is made up of the factors of availability, performance and quality. This key figure contains the most important elements that influence the productivity and cost-effectiveness of your processes and systems. With the Lean Six Sigma method, we develop optimization proposals that increase your overall equipment effectiveness, proceeding in five steps:

1. Define: We record the initial situation, define the problem and set a clear goal (analysis of value-adding and non-value-adding processes).
2. Measure: We collect your data and analyze current process performance.
3. Analyze: We identify and evaluate root causes.
4. Improve: Together we develop and implement solution concepts for your production.
5. Control: We ensure the sustainability of the solutions introduced. (Statistical process control (SPC), visual management)

THE BENEFITS

- Gain an overview of your processes and the availability and performance of your systems
- Data-based mapping of the ACTUAL situation
- Increased added value: minimize waste in your company
- Increased process reliability: process optimization helps to avoid errors and reduce variance
- Increased output: by optimizing your production systems, you minimize waste and increase your output

One of the three OEE factors is often the most important when it comes to process optimization. Our experience shows that for long-standing systems, an OEE increase of up to 10% can be achieved here.

4 DAYS ON SITE, DIRECT IMPLEMENTATION OF IMPROVEMENTS

Scope of OEE process optimization
Day 1 | Analysis of potential:

- Analysis of machine data
- First evaluation discussion

Day 2–3 | Lean Six Sigma workshop
(For selected processes)

- Contents: General Lean Six Sigma training, application of basic Lean Six Sigma methodology for process analysis, problem identification and root cause analysis

Day 4 | Development of an action plan for own implementation

SCOPE OF SERVICES

The SCHULER project "OEE process optimization" is executed according to the steps described. All travel and accommodation costs within Germany are included.
On request, the recommended improvements can be implemented together with our support (follow-up project). If you would like a different project process or if you already have specific ideas, we will be happy to prepare an individual offer with an estimate of the costs involved (invoicing based on costs).

Contact us now!
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