

Influence factors in modern plant management

A modern industrial production is a complex system with plenty of influence factors. To make it run smoothly and in order to achieve the expected RoI for capital intensive equipment is important to know all these influence factors and to control them effectively.

1. Working Structures and HR

- Management and Objectives
- Clear tasks and roles
- Incorporation and training
- Participation and development of employees
- Work organisation
- Safety and environment

2. Production Planning

- Ressource planning
- Production planning and smoothing
- Pull-Production
- Lot size policy
- Change-over times

3. Quality and Processes

- Fast problem recognition and correction
- Maintenance and technical availabillity
- Effectiveness of corrective actions
- Stable processes und products
- Customer orientation (in- and external)

4. Logistics

- Inbound logistics
- Production logistics
- Outbound logistics
- Material flows
- Inventories
- Supplier and dispatch control

5. Production Controlling

- Precalculation
- Postcalculation
- Budget planning and follow up
- Cap ex management

6. Standardisation

- Standardised methods and processes
- Visual management

7. Cont. Improvemt. Process

- Detection and elimination of waste
- Promotion of innovation

An assessment of these influence factors provides clarity

Based on the individual situation of the respective company the different influence factors listed on page 1 can be surveyed within the scope of an operational performance review and their achievement evaluated, such as:

- Assessment of the operations management
- Analysis of the recruiting and training processes and evaluation of the qualification levels
- Review of the established KPIs and objectives regarding their relevance and data quality
- Revision of the operational discipline, the work organisation and instructions
- Validation of the lot size policies
- Inspection of the quality management, as well as the corrective and preventive actions

If requested the Completeness operational Consulting will define improvement steps with the local management and will actively accompany their realisation.