

EQUIPMENT & PROCESS OPTIMIZATION

INCREASING PRODUCTION & REDUCING COSTS

01 | CHALLENGE

Production volume, equipment reliability, overtime costs

To meet the increasing demand in a competitive market, a global spice and seasoning manufacturer needed to increase production volume and reduce overtime. Inconsistent equipment set-up and functionality resulted in operational delays, which required costly overtime and unscheduled weekend work to meet sales demands. As a trusted partner from two successful projects, the client engaged Myrtle Consulting a third time to implement its Centerline solutions, Myrtle Consulting's approach to equipment performance analysis and optimization.

02 | SOLUTIONS

Centerline, SMED changeover implementation

After a thorough analysis and identification of improvement areas, Myrtle Consulting partnered with the client to execute and implement its action plan. This plan:

- *Restored the equipment base condition and installed a Clean, Inspect, Lube (CIL) program to track baselining and performance*
- *Identified adjustment points and new parameters with core teams to adjust the equipment for optimal performance*
- *Coached the client teams in troubleshooting processes, change control, escalation and problem solving*
- *Conducted Preventive maintenance activities during active production time identifying the need to adjust these activities to be executed before startup or during downtime*
- *Deployed SMED, methodology used by Myrtle Consulting to implement quick changeover solutions, to improve equipment start-up*

03 | RESULTS

31% **44%**

INCREASE
IN PROCESS
RELIABILITY

REDUCTION IN
CHANGEOVERS

Results were realized by the end of the 12-week project. Process reliability across lines had increased up to 31%.

The result of Myrtle Consulting's coaching was an increase in the average competence level of the shop floor. The deployment of the SMED methodology yielded a 44% reduction in changeovers. Myrtle Consulting was able to help the client improve equipment and operational efficiency, ultimately leading to a reduction in overtime while meeting demand.

“Myrtle Consulting helped build the capabilities of our leaders and teams to execute and sustain the (new) program.”

- Continuous Improvement Manager