



Reliability Project - Food Manufacturer



Situation

This international food company had made a significant investment in sophisticated equipment for filling and packing a wide range of desserts and yoghurts. The two new lines replaced six older lines and could handle a larger variety and more diverse types of packaging requirements. To meet their customer delivery schedules the company needed the lines to operate efficiently, reliably - and at the optimum cost.

To address the more complex maintenance requirements of the new lines, the company had tried to implement a standard or traditional form of Reliability Centred Maintenance (RCM), with limited success.

Task

Adrelia engineers were tasked to develop a streamlined reliability improvement program encompassing the principals of RCM to gain the benefits without the overhead of a traditional RCM implementation.

Activity

The new methodology was developed, applied and honed during the implementation on one of the new packaging lines. The company fully committed management resource, engineers and most importantly production personnel to the project.

The process was fully documented using a template formula, standard procedures, methods of working and an outline project plan to enable an efficient rollout to other factories within the group.

Result

Comparison of the before and after reliability and availability figures for the two new lines showed a significant improvement.

After the success of this initial implementation, the same methodology and process was used to improve the reliability and maintainability of other parts of the production line in the factory. Other companies in the group also adopted the same RCM methodology, processes and practices.