

Case Study World Class Maintenance

Determining Critical Spares is a Piece of Cake

"This process takes spares evaluation to a new level beyond traditional min/max analysis. The process has been embedded in the group for all stock items even for the capital projects process"

**JC Central Engineering,
Renowned Biscuit Manufacturer
2009**



Problem

We wanted to have a process to critically review non moving stock as 50% had not moved for 5 years. We also wanted to take it to a new level beyond traditional min/max analysis

Solution

EMS and the customer worked closely to develop a bespoke process to apply Critical Spares Analysis to critically assess each component in the stores at all of the group's manufacturing sites

Results

Biscuit manufacturer has achieved a 25% reduction in spares inventory value across the group and the process has been embedded for all stock items even for the capital projects process

About the Programme

Critical Spares Analysis (CSA) is a process that looks at costs of keeping a spare versus the consequences of not using probability analysis and failure effect analysis. It gives engineers the ammunition to justify their decisions on spares holdings and stock levels using a formal robust process. The 3-day CSA workshop can be applied at single or multisite levels.

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