

Redhall Manufacturing Design for Six Sigma Black Belt

Company Information

Redhall Manufacturing has a number of sites in the UK and specialise in the design and manufacture of steel and exotic metal products for a range of sectors including nuclear, oil and gas, defence, marine, industrial, pharmaceutical, architectural and water.

Requirements

- To Develop a new manufacturing cell using Design for Six Sigma principles and tools in order to fully meet challenging targets for efficiency, delivery and cost.
- To enhance Problem Solving and Process Improvement capability.



Capella's Input

12 days of Six Sigma Black Belt Training.

Onsite and continuous remote coaching support to ensure robust use of key tools and techniques.

Technical support with use of application of Quality Function Deployment, Hypothesis Testing and Capability Analysis.



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I learned to look more at the data and use the power of Minitab analysis to help identify and drive improvements

Phil Turner
CI Manager

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Results

A manufacturing cell that:

- Consistently delivers On Time In Full.
- Is able to meet unplanned customer demand at short-notice.
- Met or exceeded all targets relating to availability.
- Increased Gross Margin against the original forecast.
- Produced beams that are now part of the external structure of the Bloomberg Building in London

1 Certified Six Sigma Black Belt

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The manufacturing site has been transformed and we're now using it to show-case our capability to customers

John Hynes
Managing Director

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