

LEAN MANUFACTURING SIMULATION WORKSHOPS

Places are limited, register today!

The one day Lean and Theory of Constraints (TOC) Simulation shows you how to integrate 'lean' into your manufacturing process, ensuring it is working at its optimum.

It is easy to get caught up in the everyday tasks of doing our job, without taking the time to truly analyse our processes and take steps to improve them. As a result, inefficient practices creep into everyday tasks and make life more difficult than anyone realises.

Through the one-day Simulation, managers, supervisors, operators and key-decision makers involved in manufacturing and processing can learn the tools needed to identify constraints and process issues in their own manufacturing environment and fix them. The Simulation practically demonstrates how 'lean' methodologies can be implemented into a workplace in a sustainable way.

The Simulation uses Lean manufacturing principles to work towards perfecting manufacturing processes. An analysis of the material and information flow leads to the elimination of non-value adding activities, elevating a 'typical' production environment to best practice. The immersive nature of the Simulation results in a much deeper and long-lasting understanding of the principles of Lean. These principles work in companies regardless of size or sector.

The Simulation recreates the manufacturing environment through the hands-on assembly of 'products' at separate work stations and all participants work together to refine the process and achieve optimum output. (Challenge: try to beat the standing record).

SIMULATION DETAILS

Date

3 March 2020 – Rockhampton
4 March 2020 – Gladstone

Where

Rockhampton Manufacturing Hub
Building 37, CQ University
554-700 Yaamba Road
Norman Gardens QLD 4701

Gladstone Engineering Alliance

4/69 Goondoon Street
Gladstone QLD 4680

Time

8.00 am – 5.00 pm

Cost

\$50/participant

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The Simulation is an excellent starting point for a company-wide focus on Lean principles. The subject matter, principles and terminology are aligned with the 'Competitive Systems and Practices' Certificate IV and Certificate III which are nationally-accredited under the Australian Skills Quality Authority.

What you'll learn from the Lean and TOC Simulation:

- › How to rate on the Best Practice scale.
- › How to maximise productivity using theory of constraints.
- › The application of lean methodologies across manufacturing, financials, administration and the supply chain.
- › Ability to develop people into a cohesive, flexible, and empowered autonomous team to achieve a common goal of improved performance.
- › Ability to list, discuss and review process issues by using basic problem-solving techniques through breakaway group sessions.
- › How to identify and eliminate non-value-added activities.
- › How to distinguish between push and pull systems and understand the control method of Kanban pull signals to balance supply and demand, improve lead times and reduce work-in progress.
- › Understand why, how and when to reduce set up times.
- › Why large batch sizes are not cost effective and increase inventory, lead times, and reduce flexibility.
- › Why consistent processes give quality results through standard work practices and procedures.
- › The importance of visual performance measures in driving behaviours.
- › How the implementation of 5S housekeeping is the cornerstone of best practice.
- › The importance of quality at source and mistake proofing.
- › Why preventative and autonomous maintenance is critical to overall equipment effectiveness.
- › Understand the key best practices areas of: Leading and managing change, teamwork, set-up reduction, process and material flow, focused improvement, 5S and visual performance measures.

By applying best practice techniques under practical conditions, participants will accelerate awareness and understanding that will enhance the success rate and effectiveness of your Lean program.

REGISTER NOW



Click below to register:

REGISTER ROCKHAMPTON

REGISTER GLADSTONE

Please note: priority will be given to businesses involved in metal manufacturing, food transformation and rail technology and manufacturing.

For more information contact:

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