

Your solution to improving productivity, profitability and dealing with customer demands?



The Competitive Manufacturing Simulation Program

Ai Group is pleased to offer your organisation the opportunity to engage in a hands-on, practical workshop – The Competitive Manufacturing Simulation Program.

This workshop allows participants to experience traditional and competitive/lean manufacturing concepts first hand. Participants re-create the dynamics of a factory and use continuous improvement techniques and competitive/lean manufacturing concepts to increase productivity to meet customer demand and profitability.

More about the program

The Competitive Manufacturing Simulation starts with participants working within the simulated manufacturing operation attempting to satisfy customer orders while attempting to make profit. During the simulation performance is measured across a number of factors, including work-in-progress, on-time-delivery and profitability, and the participants make decisions about what changes might be necessary to improve these measures. The simulation proceeds in a way that allows participants to test their ideas with no risk of harming the real business.

What's included in the Program?

- Switching to a 'Demand-Pull' system
- Quick changeover
- Error proofing
- Improving factory layout
- Visual control
- Effective leadership, team work and communication
- Group problem solving
- Using problem solving tools
- Constraint management
- Big machines vs. small machines
- Total productive maintenance
- Value stream analyse
- Improving housekeeping (5S)
- Reducing batch sizes
- Line balancing
- Focusing on waste elimination
- Discriminating between performance measures that are useful and those that are not
- Satisfying customer requirements

Benefits and Outcomes of the Program

- Understanding of quality and quality improvement
- Identifying the need for customer service
- Assessing customer feedback channels
- Identifying how to create value for customers
- Participating in an effective continuous improvement meeting
- Applying consensus and discussing its benefits
- Identifying and using different problem solving processes
- Demonstrating an understanding and application of several key 'Problem Solving Tools' that can be used to bring about continuous improvement
- Demonstrating an understanding of competitive/lean manufacturing principles in a competitive manufacturing environment

The Competitive Manufacturing Simulation Program can be delivered on your site, ideally with group sizes between 9 to 15 participants. It can be delivered within a half day session or up to 2 full days – we can customise to your requirements, your staff and your business.

CONTACT

To find out more about how your organisation can benefit from The Competitive Manufacturing Simulation Program contact:

David Tiller
Mobile: 0419 266 460 or
Email: david.tiller@aigroup.asn.au
