

LEAN MANUFACTURING GREEN BELT?

Lean Manufacturing is a business philosophy characterized by the endless pursuit of waste elimination. Lean organizations understand that waste can take many forms as any resource or activity, which is not continuously adding value to the customer, is a form of waste.

WHY LEAN MANUFACTURING?



By implementing lean practices your organization will:

- •Increase throughput/ Productivity
- •Reduce operating expenses and inventories
- Improved cultural change
- •Improved quality and reduced scrap/rework
- •Reduced lead times and greater supply chain responsiveness
- •Improved participation, communication and collaboration across the supply chain



HOW LEAN ARE YOUR PROCESSES?





Conducting an in depth analysis of your company's practices Using Lean Assessment tool to see how you rate.

Many companies are surprised at how poorly they rate when it comes to lean manufacturing practices, but this is not a negative revelation. Quite the opposite, a rating of the practices clearly highlights the areas in which your company is deficient, and shows you the steps to remedy these dysfunctional practices and prescribe an action plan to get you on track to reduce waste and improve productivity.

Through lean Green Belt candidates will deploy the lean program to achieve world class and start transforming to lean company. Lean Green belt Candidate will lead change and deployment starting

with lean gap analysis and bench marking, identifying all company areas of improvement to assign lean projects for deployment...

SO HOW DO I BECOME LEANER?



You become leaner by implementing lean best practices – JIT Consulting will lead you through Lean certificate and Lean Kaizen workshops to implement lean Organization and show you how by taking you through the following steps:

- •Lead and manage change with concepts and tools from the world's leading change experts , stages of change and dealing with resistance.
- •Build and centre your teamwork activities around the empowerment and involvement of frontline workers on a common set of targets to drive continuous improvement and sustainable performance.
- •Understand the practice of continuous improvement in the workplace by focusing on eliminating major losses and waste through structured problem solving .
- •Implement 5S to clean up and organize your organization.
- •World class manufacturing deploys pull systems to control the flow of product from one process to another. Upstream processes will only transfer products when the downstream process requires it.
- •Clarify complex systems through Value Stream Mapping, allowing identification of problem areas and a tool for effective planning of solutions and their implementation.



ARE YOU READY TO BECOME WORLD CLASS?



There is a standard scoring method we use to illustrate how "mature" you are when it comes to world class practices such as lean. Many companies are surprised at how low they rate on this scale, but it gives them the impetus to see what areas need to be addressed.

JIT Consulting Limited - developed the Lean Manufacturing program as an intensive five-days program focusing specifically on world's best lean manufacturing processes but also assisting companies gain maximum benefits through their implementation. The LMP are five modules course, VVFPP, each module in one day a week, including lean video and simulation to ensure from fully understanding of lean tools, techniques and how applying lean tools to achieve the best results to change to lean organization

OBJECTIVES

Upon completion of this course, the candidate will:



- •Have gained a broad perspective of Lean Enterprise concepts and understand the interaction between the Lean elements, lean Principles (VVFPP) rules, and tools.
- •Learn about the concept of Design for Manufacture and Assembly and how design influences cost. Gain a broad understanding of the concepts of 5S, Single Minute Exchange of Dies (Quick Change), Total Productive Maintenance (TPM), Kanban, Visual Workplace, Error-Proofing
- •Understand the need to change and how to recognize and eliminate waste.
- •Know how to determine value added, non-valued-added and non-value-added-but-required activities.
- •Understand why everyone in the organization must participate and how this is accomplished. Know the importance of identifying the value stream, how it is mapped and how to identify the areas that require improvement. Gain a complete understanding of the elements of Flow and Pull and how these are applied.
- •Recognize the fundamental importance of the Kaizen process, how this is used in every aspect of a Lean implementation and how it is used to change the culture
- •Get an overview of Six-Sigma and how Lean Enterprise and Six-Sigma are complimentary processes that are used to improve business performance



LEAN MANUFACTURING PROGRAM



Who Should Participate?

- Production Supervisors & operators
- Process Improvement Specialists
- Change Managers
- Process Engineers / Quality Managers
- Participants shall receive attendance certificate at the end of the course

Who Should Participate?

- Production Managers& Supervisors
- Supply Chain Managers & planners
- Process Improvement Specialists
- Change Managers
- Process Engineers /Quality Managers
- Participants shall receive attendance certificate at the end of the course Participants shall be certified upon The following criteria:
- 1. Class attendance and active participation
- 2. Passing an exam at end of the course.
- 3. Project completed

Course Duration 7+1 Days

For Registration:

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Module 5 Perfection 1. Trap time 2. Balancing the process Module 4 3. Production leveling Pull 4. Kanban Pull 5. VSM -FS

> Module 3 Flow

1. 6S and Visual Factory

1. Leadership

2. Lean KPI's

Assessment

3. Lean

4. MBF

- 2. Standardization
- 3. SMV 4.Ergonomics 5. QCO 6. TPM &OEE
- 7.RTY 8. POKAYOKA

Module 2

- 1. Mfg System
- 2. Value of Cycle Time & PCE
- 3. Takt Time
- Batch and Queue system
- 5. Learn 2 See

Module 1 Value to Customer

- Value to Customer
- Manufacturing system
- TOYOTA Production System-JIT & Kaizen 3.
- 4. Lean Principles
- Lean Benefits

6.Lean Enterprise