

# MoreSteam® Lean Master Project Requirements

MoreSteam certification as a Lean Master is one of the most valuable, most trusted certifications in the process-improvement industry. To attain certification, candidates must showcase their expertise in applying Lean thinking to various business processes.

Candidates will demonstrate their expertise in a one-hour oral presentation to MoreSteam's Certifying Advisory Council. A successful presentation will detail the candidate's experience in leading Lean projects and initiatives. Additionally, the presentation should highlight the use of leadership skills to drive Lean transformations within the organization and provide evidence of both successful Lean implementations and the resulting positive impacts on organizational performance.



Candidates will present at least three different projects that cover a wide variety of Lean skills and principles. Examples may include:

## 1. Process modeling for Lean transformations

- a. Current state vs future state model
- b. Successfully redesigned workflows to optimize resource utilization and reduce lead times.
- c. Applied Lean Design Thinking principles to creatively solve problems, innovate processes, and meet customer needs effectively.

## 2. Advanced Lean methods

- a. Applied Lean principles to streamline processes, resulting in significant cost reductions and efficiency gains.
- b. Implemented visual management systems to enhance transparency and real-time monitoring of processes.
- c. Demonstrated the ability to adapt Lean principles to different business functions and industries.
- d. Developed proficiency in creating value stream maps for both current and future states, identifying opportunities for improvement and implementing Lean strategies.



*The Engine Room of Continuous Improvement®*

- e. Implemented Leader Standard Work practices to establish standardized routines and responsibilities for leaders at various levels within the organization.
- f. Implemented pull systems and Kanban to optimize inventory management and reduce lead times.
- g. Conducted root cause analysis (RCA) to identify and address the underlying causes of process inefficiencies.
- h. Applied the principles of work cell design to optimize workflow and efficiency in a specific organizational context.
- i. Implemented pull systems to regulate production, minimizing waste and improving responsiveness to customer demand.
- j. Applied the SMED technique to minimize changeover times, enhance operational flexibility, and reduce downtime.

### **3. Strategic Lean Initiatives**

- 1. Developed and implemented Lean strategies tailored to the specific needs of the organization.
- 2. Managed end-to-end Lean projects, from the identification of improvement opportunities to the implementation of improvement solutions.
- 3. Utilized value stream mapping and other Lean tools to identify and eliminate waste in processes that span across organizational units or divisions.
- 4. Established key performance indicators (KPIs) to measure the impact of Lean initiatives on operational performance that span across organizational units or divisions.
- 5. Collaborated with stakeholders to identify and prioritize improvement opportunities based on customer value.
- 6. Engaged with leadership to align Lean initiatives with organizational goals and objectives.
- 7. Developed a Lean Management System End-to-End Tier 1 to Tier 3 Lean Management System.

### **4. Change management / Lean leadership**

- a. Led cross-functional teams in the successful implementation of Lean methodologies.



*The Engine Room of Continuous Improvement®*

- b. Trained and coached team members at various levels on Lean principles and tools.
- c. Facilitated Kaizen events and continuous improvement workshops to drive rapid improvements.
  - 1. Demonstrated leadership in planning, executing, and evaluating a Kaizen Event, showcasing tangible improvements in a targeted area.
  - 2. The presentation should include supporting documentation of the countermeasures including 5-S activities, work cell redesign, standard work, SMED, Error-Proofing, etc.
  - 3. The presentation should also show both baseline metrics and improvements over 3-6 months
- d. Led change management efforts to ensure successful adoption of Lean practices across the organization.
- e. Fostered a culture of continuous improvement by encouraging and recognizing innovative ideas.
- f. Demonstrated ability to impact business outcomes resulting in value creation for both customers and the organization.

If you have additional questions regarding [Lean Master Certification](#), please call +1 614.602.8193 or email [sales@moresteam.com](mailto:sales@moresteam.com)



*The Engine Room of Continuous Improvement®*