



Lean Six Sigma Training Course : Lean Manufacturing with Poka Yoke

18 - 22 May 2027
Abu Dhabi



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Ref.: 1030_75163 **Date:** 18 - 22 May 2027 **Location:** Abu Dhabi **Fees:** 4500 **Euro**

Overview:

Lean Six Sigma is a robust, data-driven methodology that delivers measurable improvements to organizations. Our Lean Six Sigma Certification Training Course is tailored to guide participants through a transformative journey from traditional "push" systems to highly efficient "pull" systems. By integrating the concepts of Lean Management and Poka Yoke, an error-proofing approach in manufacturing, our course stands out as a benchmark. It explores not just the theoretical frameworks of Lean Manufacturing but also incorporates practical tools such as Just In Time JIT Manufacturing, SMED Single Minute Exchange of Die, Heijunka production leveling, and Jidoka automation with a human touch.

Target Audience:

- Mid to senior-level managers
- Quality Assurance Engineers
- Project Managers
- Team Leaders
- Software Professionals
- Operational Executives
- Process Improvement Specialists
- Production Managers
- Supply Chain Managers
- Professionals seeking Lean Six Sigma Yellow, Green, Black, or Master Black Belt certification

Targeted Organizational Departments:

- Manufacturing
- Logistics and Supply Chain Management
- Quality Control
- Operations
- Project Management
- Training and Development
- Process Improvement
- Customer Service
- Production

Targeted Industries:

- Manufacturing
- Healthcare
- IT and Software
- Logistics and Supply Chain
- Automotive
- Aerospace
- Financial Services
- Retail
- Telecom
- Construction

Course Offerings:

Participants will be able to:

- Understand and apply Lean Six Sigma principles
- Implement Poka Yoke in various situations
- Employ JIT principles for efficient manufacturing
- Execute SMED for optimized cycle time
- Develop Value Stream Mapping for process optimization
- Utilize OEE for assessing equipment effectiveness
- Apply 5S methodology for organizational efficiency
- Gain Lean Six Sigma Green, Black or Master Black Belt Certification
- Utilize lean manufacturing tools and concepts effectively
- Optimize supply chain and logistics management processes
- Apply Heijunka for leveled production
- Understand and employ Jidoka for quality assurance

Training Methodology:

Our training employs a blended learning approach that includes instructor-led sessions, case studies, group work, hands-on exercises, and reflection & review sessions. We foster an interactive learning environment where participants will learn to shift from push to pull manufacturing systems, understand the meaning and applications of various Lean concepts and tools. Just in time training is provided for timely problem-solving, and the courses will feature discussions on real-world examples. Participants will also have access to online resources for continuous learning post-training.

Course Toolbox:

- Lean Six Sigma Training materials
- Online Resources for JIT, Jidoka, Heijunka, and SMED
- Case Study Materials
- Software for Value Stream Mapping
- Templates for OEE, 5S, and QFD House of Quality
- Practice Exams for Lean Six Sigma Green, Black, and Master Black Belt Certification



Course Agenda:

Day 1: Lean Six Sigma Overview & Basics

- Topic 1: Introduction to Lean Six Sigma
- Topic 2: Overview of Lean Manufacturing
- Reflection & Review: Recap and Insights

Day 2: Lean Tools & Techniques

- Topic 1: JIT and Jidoka
- Topic 2: SMED and Heijunka
- Reflection & Review: Real-world Applications and Review

Day 3: Quality Management and Poka Yoke

- Topic 1: Quality Function Deployment
- Topic 2: Poka Yoke - Error Proofing in Manufacturing
- Reflection & Review: Case Studies and Insights

Day 4: Value Stream Mapping and OEE

- Topic 1: Value Stream Mapping
- Topic 2: Overall Equipment Effectiveness
- Reflection & Review: Hands-on Practice and Recap

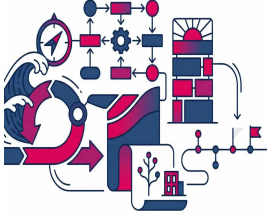
Day 5: Certification and Course Wrap-up

- Topic 1: Lean Six Sigma Belts Overview
- Topic 2: Certification Process and Next Steps
- Reflection & Review: Course Recap and Next Steps

How This Course is Different from Other Lean Six Sigma Training Courses:

Our course goes beyond just delivering Lean Six Sigma principles. It offers a comprehensive view of Lean Manufacturing systems, translating theory into practice. Unlike other courses, we equip our participants with hands-on experience using lean manufacturing tools, real-world applications of the jidoka method and heijunka, and an in-depth understanding of lean six sigma green, black, and master black belt certification process. Our unique value proposition lies in the integration of the 'Poka Yoke' principle, a cornerstone of error-proofing in lean manufacturing.

Training Course Categories



Agile PM and Project Management Training Courses



Certified Courses By International Bodies



Communication and Public Relations Training Courses



Data Analytics Training and Data Science Courses



Environment & Sustainability Training Courses



Finance and Accounting Training Courses



Governance, Risk and Compliance Training Courses



Human Resources Training and Development Courses



IT Security Training & IT Training Courses



Leadership and Management Training Courses



Legal Training, Procurement and Contracting Courses



Maintenance Training and Engineering Training Courses

Training Course Categories



Marketing, Customer Relations, and Sales Courses



Occupational Health, Safety and Security Training Courses



Personal & Self-Development Training Courses



Quality and Operations Management Training Courses



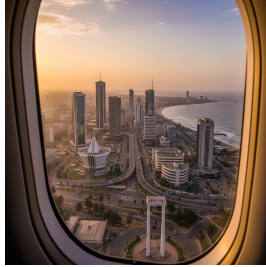
Secretarial and Administration Training Courses



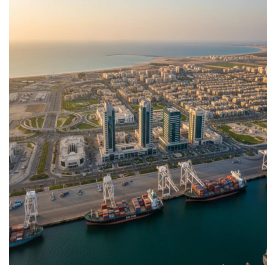
Training Cities



Abu Dhabi - UAE



Accra - Ghana



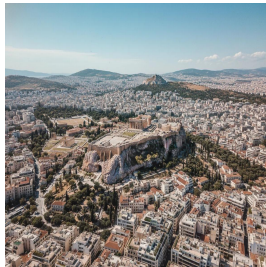
Al Jubail - Saudi Arabia



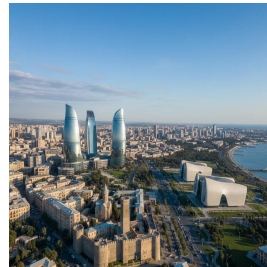
Amman - Jordan



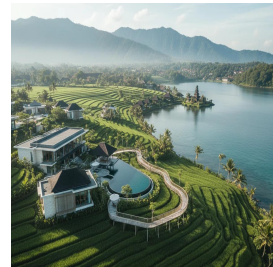
Amsterdam - Netherlands



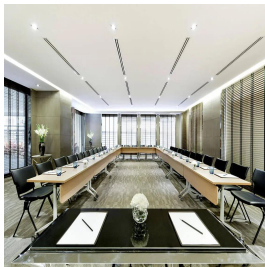
Athens - Greece



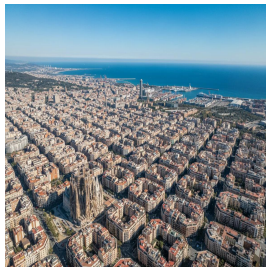
Baku - Azerbaijan



Bali - Indonesia



Bangkok - Thailand



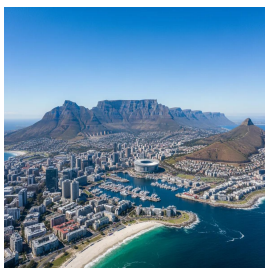
Barcelona - Spain



Berlin - Germany



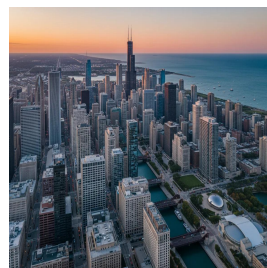
Cairo - Egypt



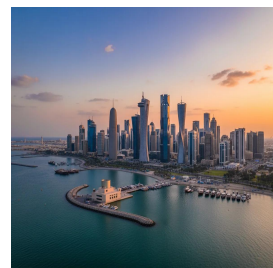
Cape town - South Africa



Casablanca - Morocco



Chicago - USA



Doha - Qatar



Training Cities



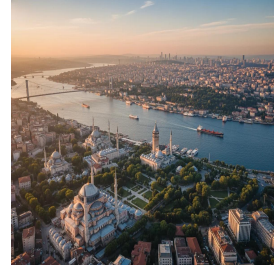
Dubai - UAE



Frankfurt - Germany



Geneva - Switzerland



Istanbul - Turkey



Jakarta - Indonesia



Johannesburg - South Africa



Kuala Lumpur - Malaysia



Kuwait - Kuwait



Langkawi - Malaysia



Lisbon - Portugal



London - UK



Madrid - Spain



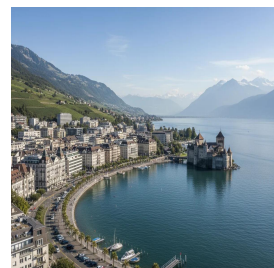
Manama - Bahrain



Marbella - Spain



Milan - Italy



Montreux - Switzerland



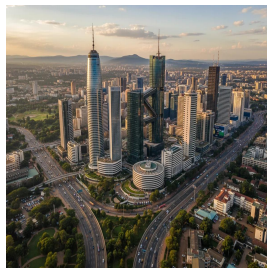
Training Cities



Munich - Germany



Muscat - Oman



Nairobi - Kenya



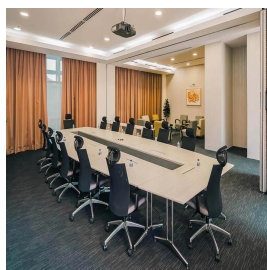
New York - USA



Nice - France



Paris - France



Phuket - Thailand



Porto - Portugal



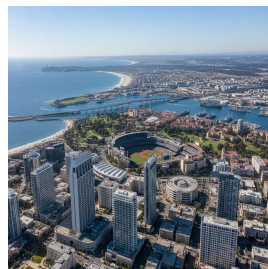
Prague - Czech Republic



Riyadh - Saudi Arabia



Rome - Italy



San Diego - USA



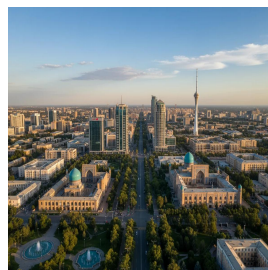
Seoul - South Korea



Sharm El-Sheikh - Egypt



Singapore - Singapore



Tashkent - Uzbekistan



Training Cities



Tbilisi - Georgia



Tokyo - Japan



Toronto - Canada



Trabzon - Turkey



Vienna - Austria



Zanzibar - Tanzania



**Zoom - Online
Training**