Lean Six Sigma Training Course : Lean Manufacturing with Poka Yoke

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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

Training Course Categories

Course Agenda:

Day 1: Lean Six Sigma Basics

- Introduction
- Overview of ...
- Review: ...

Day 2: Lean Tools & Techniques

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

Day 3: Management ... Poka Yoke

- ... Fundamentals
- Poka Yoke - ... Manufacturing
- Review: ... Insight

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: ... on and ... wrap-up

- ... Six Sigma
- ... cation ... steps
- Review: ... 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.

Finance and Accounting Training Courses

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

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

Oil & Gas Training and Other Technical Courses

Personal & Self-Development Training Courses

Quality and Operations Management Training Courses

Secretarial and Administration Training Courses

Training Cities

Accra - Ghana

Amman - Jordan

Amsterdam - Netherlands

Baku - Azerbaijan

Bali - Indonesia

Bangkok - Thailand

Barcelona - Spain

Cairo - Egypt

Cape town - South Africa

Casablanca - Morocco

Doha - Qatar

Dubai - UAE

Geneva - Switzerland

Istanbul - Turkey

Jakarta - Indonesia

Johannesburg - South Africa

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Langkawi - Malaysia

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Manama - Bahrain

Milan - Italy

Nairobi - Kenya

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Prague - Czech Republic

Rome - Italy

Sharm El-Sheikh - Egypt

Tbilisi - Georgia

Tokyo - Japan

Vienna - Austria

Zanzibar - Tanzania

Training Cities

Zoom - Online Training

WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.

AGILE LEADERS
Training Center

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