



# دورة الـ (Sigma Six Lean) : استراتيجيات الجودة تحسين في (Poka Yoke)



**AGILE LEADERS**  
Training Center

20 - 24 Jul 2026  
القاهرة



## دورة الـ (Sigma Six Lean) : استراتيجيات (Yoke Poka) في تحسين الجودة

الرجوع: 1030\_2197 التاريخ: 20 - 24 Jul 2026 الموقع: القاهرة الرسوم: Euro 4100

### 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.



## فئات الدورات التدريبية



HR TRAINING & DEVELOPMENT

دورات إدارة و تطوير الموارد البشرية



دورات إدارة و تحليل البيانات ودورات علم البيانات



دورات إدارة الجودة وتطوير العمليات



الدورات التدريبية في مجال البيئة والاستدامة



دورات التسويق وإدارة علاقات العملاء وإدارة المبيعات



دورات التدريب القانوني والمشتريات والتعاقدات



دورات الاتصال الجماهيري و السياسات والعلاقات العامة



دورات النظم السبراني ودورات تقنية المعلومات



دورات الصيانة ودورات المجالات الهندسية المتنوعة



دورات الصحة والسلامة والأمن المهني



دورات السكرتارية و إدارة المكاتب



دورات الحوكمة وإدارة المخاطر والامتثال



## فئات الدورات التدريبية



دورات معتمدة بشهادة CPD



دورات في مجالات القيادة والإدارة



دورات المهارات الشخصية وتطوير الذات



دورات المحاسبة و التمويل و دورات الإدارة  
الهائية



دورات مكتب إدارة المشاريع وإدارة المشاريع  
الرشيقية



دورات معتمدة من قبل هيئات دولية

## مدن التدريب



اسطنبول - تركيا



أمستردام - هولندا



أنقرة - تركيا



أثينا - اليونان



الرياض - المملكة العربية السعودية



الدوحة - قطر



الدار البيضاء - المغرب



الجبيل - المملكة العربية السعودية



باريس - فرنسا



المنامة - مملكة البحرين



الكويت - الكويت



القاهرة - مصر



براغ - جمهورية التشيك



بانكوك - تايلاند



بالي - جمهورية إندونيسيا



باكو - أذربيجان

## مدن التدريب



جاكرتا - جمهورية اندونيسيا



تيليسي - جورجيا



بوكيت - تايلاند



برشلونة - اسبانيا



روما - ايطاليا



دبي - الامارات العربية المتحدة



جوهانسبرغ - جنوب افريقيا



جنيف - سويسرا



شهر الشيخ - مصر



سيول - كوريا الجنوبية



سان دييغو - الولايات المتحدة  
الامريكية



زنجار - تنزانيا



طوكيو - اليابان



طشقند - اوزبكستان



طرابزون - تركيا



شيكاغو - الولايات المتحدة  
الامريكية

## مدن التدريب



كوالالمبور - ماليزيا



فيينا - النمسا



عن بعد - منصة زووم



عمان - المملكة الأردنية الهاشمية



ماربيا - اسبانيا



لندن - المملكة المتحدة



لانكاوي - ماليزيا



كيب تاون - جنوب إفريقيا



ميلان - إيطاليا



مونترال - سويسرا



مسقط - سلطنة عمان



مدريد - إسبانيا



نيس - فرنسا



نيروبي - كينيا



ميونخ - ألمانيا

# 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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