



دورة تدريبية في إتقان الصيانة الوقائية والتبؤية: مخصصة للمهندسين والهيديرين



AGILE LEADERS
Training Center

06 - 10 Apr 2027
باريس



دورة تدريبية في إتقان الصيانة الوقائية والتنبؤية: مخصصة للمهندسين والهيديرين

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Course Overview:

The Comprehensive End-to-End Turnaround, Shutdown & Maintenance Planning Training Course provides a deep dive into turnaround planning training, shutdown management, and industrial maintenance planning tailored for asset-intensive industries such as oil & gas, petrochemicals, and power generation. This 5-day intensive program equips professionals with proven strategies for turnaround project management, shutdown cost control strategies, and turnaround risk management. Participants will gain critical insights into industrial QA/QC training, logistics planning for shutdowns, and communication management in turnarounds to ensure seamless coordination across all project phases.

The course emphasizes turnaround schedule optimization, shutdown & inspection management, and maintenance shutdown best practices. Attendees will develop expertise in turnaround charter development, turnaround close-out processes, and shutdown workforce planning, learning how to apply contingency planning for turnarounds and shutdown execution strategies to minimize downtime and maximize safety and profitability. With case studies, digital tools for turnaround management, and interactive sessions, the program blends theory and practical skills to ensure professionals are equipped to manage complex turnarounds successfully.

Target Audience:

- Turnaround Managers
- Maintenance Managers
- Project Engineers
- Operations Supervisors
- HSE Professionals
- Reliability Engineers
- Supply Chain & Procurement Specialists
- QA/QC Inspectors
- Cost & Schedule Analysts

Targeted Organizational Departments:

- Maintenance & Operations
- Engineering & Technical Services
- Health, Safety & Environment HSE
- Procurement & Supply Chain
- Project Management
- Finance & Cost Control

Targeted Industries:

- Oil & Gas
- Petrochemicals
- Power Generation
- Manufacturing
- Mining & Metals
- Pharmaceuticals
- Chemical Processing

Course Offerings:

By the end of this course, participants will be able to:

- Develop a turnaround charter to align objectives, roles, and responsibilities
- Apply shutdown management strategies to control scope, cost, and risk
- Utilize turnaround schedule optimization tools to minimize downtime
- Implement industrial QA/QC training standards to ensure compliance
- Enhance communication management in turnarounds for effective coordination
- Conduct post-turnaround analysis training to capture lessons learned and drive continuous improvement

Training Methodology:

The course leverages a blended learning approach combining expert-led lectures, case study-based turnaround training, group exercises, and interactive workshops. Participants engage in real-world simulations focusing on turnaround project management, shutdown execution strategies, and industrial equipment inspections. Special sessions emphasize risk mitigation for shutdown projects and contingency planning for turnarounds, allowing participants to troubleshoot scenarios under expert guidance. Feedback loops and peer collaboration enhance practical learning, reinforced by digital tools for turnaround management and shutdown planning templates to simulate hands-on project planning and execution. Each session concludes with a lessons learned in turnarounds reflection to ensure knowledge retention.

Course Toolbox:

- Turnaround planning templates
- Risk assessment checklists
- Cost estimation tools for turnarounds
- QA/QC compliance checklists
- Communication & logistics planning frameworks
- Case study collection process industries, oil & gas, power
- Digital tools and software examples for turnaround management
- Reference materials and regulatory guidelines

Course Agenda:



Day 1: Turnaround Foundations & Charter Development

- Topic 1: Fundamentals of turnaround planning training •
- Topic 2: Shutdown & inspection management essentials •
- Topic 3: Developing a comprehensive turnaround charter •
- Topic 4: Scope management and risk identification •
- Topic 5: Regulatory and QA/QC compliance considerations •
- Topic 6: Case study analysis of successful turnarounds •
- Reflection & Review: Applying lessons learned in turnarounds •

Day 2: Advanced Planning & Scheduling

- Topic 1: Turnaround schedule optimization and critical path analysis •
- Topic 2: Shutdown cost control strategies and budget alignment •
- Topic 3: Logistics planning for shutdowns across multi-discipline teams •
- Topic 4: Procurement planning for shutdowns and supply chain integration •
- Topic 5: Managing communication in turnarounds effectively •
- Topic 6: Contingency planning for turnarounds and risk mitigation •
- Reflection & Review: Review using case study-based scenarios •

Day 3: Execution Strategies & Workforce Planning

- Topic 1: Effective shutdown workforce planning strategies •
- Topic 2: Shutdown execution strategies for minimal downtime •
- Topic 3: Managing unexpected delays and real-time turnaround adjustments •
- Topic 4: Performance tracking and KPI management •
- Topic 5: Enhancing multi-discipline coordination in shutdown projects •
- Topic 6: Advanced industrial equipment inspections for asset reliability •
- Reflection & Review: Best practices from post-turnaround analysis training •

Day 4: QA/QC & Close-Out Process

- Topic 1: Ensuring QA/QC compliance for shutdowns •
- Topic 2: Documentation and shutdown & turnaround documentation best practices •
- Topic 3: Close-out process and capturing lessons learned •
- Topic 4: Case study review oil & gas shutdown training •
- Topic 5: Continuous improvement for shutdowns and performance reviews •
- Topic 6: Technology adoption and digital tools for turnaround management •
- Reflection & Review: Applying lessons learned in turnarounds •

Day 5: Advanced Risk & Execution Control

- Topic 1: Advanced risk mitigation for shutdown projects
- Topic 2: Real-time issue management during turnaround execution
- Topic 3: Reviewing key deliverables from turnaround project management
- Topic 4: Creating a roadmap for future process industry turnaround training
- Topic 5: Case study-driven turnaround risk management workshop
- Topic 6: Post-turnaround analysis training and data-driven improvement planning
- Reflection & Review: Final project review and participant feedback

FAQ:

What specific qualifications or prerequisites are needed for participants before enrolling in the course?

This course is designed for mid to senior-level professionals involved in turnaround project management, maintenance shutdown best practices, and asset reliability training. Basic knowledge of project management and maintenance processes is recommended but not mandatory.

How long is each day's session, and is there a total number of hours required for the entire course?

Each day includes approximately 4-5 hours of instruction, incorporating lectures, case study-based turnaround training, and interactive workshops. The full course runs for 5 days, totaling approximately 20-25 hours.

What is the biggest challenge most companies face during turnarounds?

Many companies struggle with real-time turnaround adjustments when unexpected issues arise. This course emphasizes contingency planning for turnarounds and leveraging digital tools for turnaround management to address these challenges proactively.

How This Course is Different from Other Comprehensive End-to-End Turnaround, Shutdown & Maintenance Planning Training Courses:

This course stands apart by combining practical tools, case studies, and expert-led training focused on the complete lifecycle of a turnaround project. From initial turnaround charter development to turnaround close-out process, participants gain actionable insights into shutdown cost control strategies, turnaround schedule optimization, industrial QA/QC training, and post-turnaround analysis training. Unlike generic programs, this course integrates digital tools for turnaround management, multi-discipline shutdown training, and real-time turnaround adjustments, ensuring participants are equipped to handle complex shutdown training scenarios and beyond.



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



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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



زنبار - 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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