

**Course Overview:**

Learn to take control and not let equipment problems risk your production schedule. Don't be afraid to manage shutdowns planning - it's a good preventive measure. There are many benefits of well-managed, planned and executed shutdowns; more proactive maintenance equal to less reactive or emergency maintenance.

**Course Objective:**

- Develop key risk based project management principals and clearly define the role of Quality Control in shutdown management
- Clearly define, develop and plan the scope of a shutdown
- Effectively plan your shutdown utilizing flowcharting techniques and Gantt charts to map out shutdown activities, i.e. define milestones, predecessors and successor relationships
- Apply critical path to ensure your shutdown runs on time and on budget managing the major shutdown variables, constraints and risks during the implementation phase
- Manage your suppliers and contractors effectively

**Course Outline:**

- The Role Of Maintenance Shutdowns In World-Class Organizations
- Shutdown Basics
- Justify The Shutdown
- Identify Routine Shutdown Work
- Plan Shutdown Jobs
- Schedule Shutdown Jobs
- Identify And Optimize Resource Requirements
- Risk Management
- Control The Shutdown

**Who Should Attend:**

This course is intended for plant short term and long term (shutdown) managers, planners, foremen and contractor staff, who are involved in the planning, co-ordination and execution of plant shutdowns. The workshop is especially valuable for shutdown managers and co-coordinators, planning/managing and cost control staff, construction supervisors, project engineers and contract administrators. Participation from inspection, materials, safety and maintenance engineering is also encouraged

**Training Language:**

EN / AR

**Training Methodology:**

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation