



PROJACS ACADEMY
by @egis



Integrated Program in Operation and Maintenance Management - Planning, Scheduling and TPM

البرنامج المتكامل في التشغيل والصيانة – التخطيط والجدولة
والصيانة الانتاجية الشاملة

24 – 28 July 2023

London / United Kingdom

Introduction

The objective of the course is to provide an integrated program covering the key areas of Operations & Maintenance Management concerned with Planning, Scheduling and Total Productive Maintenance. The program aims to provide an overview of methodology and practice, with a view to enabling delegates to be updated on current approaches, to understand current issues, and to be able to apply the relevant thinking and techniques in the context of their own organizations.

Who Should Attend?

This program is designed for all managers and professionals with a responsibility for, or an interest in, Operations and Maintenance Management, including both those looking for an update on practice, and those new to the field. It is particularly appropriate for delegates who wish to develop or update their knowledge and skills in Planning and Scheduling, and to develop their expertise in the area of Total Productive Maintenance.

Course Outline

Day One

- Introductions & Overview of the Program
- Delegates interests
- An overview of Operations Management
- Linkages between Operations strategy and corporate strategy
- Practical Operations Management issues
- The roles of Planning, Scheduling and TPM

Day Two

- Operational Process design and management
- Management for lean operations
- The 5 lean principles and the 7 wastes
- Value Stream Analysis
- Planning and scheduling Operations.

Day Three

- Maintenance management and engineering
- Impact on HSE
- Lifecycle management
- Preventative replacement and maintenance
- Reliability & replacement theory and practice
- Computerized maintenance management

Day Four

- Planning and Scheduling.
- Why projects, plans and schedules fail.
- Critical Path Analysis and PERT
- Network diagrams.
- Resource Allocation
- Crashing activities to speed up projects

Day Five

- Meaning and origins of Total Productive Maintenance
- OEE and Lifetime costs
- The 5 pillars of TPM
- Autonomous Maintenance
- Condition Appraisal

Training Method

- Pre-assessment
- Live group instruction
- Use of real-world examples, case studies and exercises
- Interactive participation and discussion
- Power point presentation, LCD and flip chart
- Group activities and tests
- Each participant receives a 7” Tablet containing a copy of the presentation, slides and handouts
- Post-assessment

Program Support

This program is supported by interactive discussions, role-play, case studies and highlight the techniques available to the participants.

Schedule

The course agenda will be as follows:

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|---------------------|------------------|
| • Technical Session | 08.30-10.00 am |
| • Coffee Break | 10.00-10.15 am |
| • Technical Session | 10.15-12.15 noon |
| • Coffee Break | 12.15-12.45 pm |
| • Technical Session | 12.45-02.30 pm |
| • Course Ends | 02.30 pm |

Course Fees*

- **5,200 USD**
**VAT is Excluded If Applicable*

المقدمة

الهدف من الدورة هو تقديم برنامج متكامل يغطي المجالات الرئيسية لإدارة العمليات والصيانة المعنية والجدولة والتخطيط والصيانة الإنتاجية الشاملة. يهدف البرنامج أيضا إلى تقديم لمحة عامة عن المنهجية والممارسة ، بغية تمكين المندوبين ليتم تحديثه على النهج الحالي، من أجل فهم القضايا الراهنة ، وتكون قادرة على تطبيق التفكير والتقنيات ذات الصلة في سياق منظمات خاصة بهم.

الحضور

تم تصميم هذا البرنامج لجميع المديرين والمهنيين ذات المسؤولية، أو أية مصلحة في إدارة العمليات والصيانة ، بما في ذلك أولئك الذين يبحثون عن معلومات مستكملة عن الممارسة ، وتلك الجديدة إلى الميدان. خاصة بالنسبة للمندوبين الذين يرغبون في تطوير أو تحديث معارفهم ومهاراتهم في التخطيط والجدولة، ووضع خبراتهم في مجال الصيانة الإنتاجية الشاملة.