

Scandinavian Academy
Training Center

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Riyadh - Al Khaleej District - Sheikh Abdul Aziz Bin Abdul Rahman Bin Bishr Street - 13223 - Office No. 5 | P.O.BOX : 13224

Course: Shutdowns, Turnarounds and Outages

Code	City	hotel	Start	End	price	Language - Hours
CM-488SA	Dammam	Hotel Meeting Room	2027-07-25	2027-07-29	12950 SR	En - 25

INTRODUCTION

Planning and managing shutdowns, turnarounds and outages in the process plant environment is a complex and demanding function. If turnarounds are not properly planned, managed and controlled, companies run the risks of serious budget overruns, costly schedule delays and negative impacts on customers.

This programme has been developed to specifically respond to the need to help owners and contractors meet their turnaround goals. In the development of this training programme, a combination of extensive hands-on experience in turnaround planning and execution, input from turnaround teams, and emerging industry trends were blended together to establish best practice turnaround management approaches.

This programme is designed to establish a thorough understanding of the fundamentals of effective turnaround management. Numerous examples and case studies based on completed turnarounds are used to emphasise major strategic planning and management issues essential to successful turnarounds.

The programme emphasises that company staff from different departments, contractors and vendors must combine their knowledge, resources and energies, and work as a unified team to successfully achieve company goals and turnaround objectives.

PROGRAMME OBJECTIVES

- To enhance the company’s turnaround management capabilities, and to ensure a team approach in the planning and execution of plant shutdowns and turnarounds.
- Provide a comprehensive understanding of effective turnaround management techniques and implementation

- Create awareness of strategic planning methods and an integrated organisational approach in the execution of successful turnarounds.
- Incorporate latest developments in turnaround planning and management techniques and emerging industry trends
- Make the turnaround planning and execution process efficient, professionally rewarding and with the minimum stress and conflict.

TRAINING METHODOLOGY

Shutdowns, Turnarounds and Outages is a hands-on, stimulating learning experience.

The programme will be highly interactive, with opportunities to advance your opinions and ideas. Participation is encouraged in a supportive environment.

To ensure the concepts introduced during the programme are understood, they will be reinforced through a mix of learning methods, including lecture style presentation, open discussion, case studies, simulations and group work.

PROGRAMME SUMMARY

Organisations who expose participants to the training and development experience provided by this programme will be contributing to building a core of knowledgeable and skilled staff who will be able to add value through their contributions to more effective preparation, planning, scheduling, execution and control of shutdowns and turnarounds.

They will be able to contribute in leadership or operational roles, both with knowledge and skills to ensure shutdowns and turnarounds are effectively planned, scheduled and executed and leverage these techniques to improve productivity and cost effectiveness.

PROGRAMME OUTLINE

DAY 1 - Introduction to Shutdowns and Turnarounds

- Overview and Introduction
- Shutdown Planning Strategy
- Shutdown/TA problems and issues.
- Management planning

DAY 2 - Shutdown/Turnaround Preparation

- Plant shutdown and preparation for maintenance
- Work Scope Development and Work Breakdown Structures
- Case Study work
- Organisation and Roles

DAY 3 - Shutdowns/Turnaround Planning Techniques

- Developing Shutdown and Turnaround Plans
- The Critical Path Planning Method
- “Short Cut” Planning Methods
- Scheduling multiple projects

DAY 4 - Costs, Control and Contractors

- Developing shutdown budgets
- Progress, cost control and productivity tracking
- Materials planning and control
- Contractor Management

DAY 5 - Safety, Quality and Risk Management

- Safety, Quality and Environmental Management
- Risk Management
- Integrating risk management into the shutdown plan
- Conclusion

The Scandinavian Academy for Training Center adopts the latest scientific and professional methodologies in training and human resource development, aiming to enhance the efficiency of individuals and organizations. Training programs are delivered through a comprehensive approach that includes:

- Theoretical lectures supported by PowerPoint presentations and visual materials (videos and short films).
- Scientific evaluation of participants before and after the program to measure progress and knowledge acquisition.
- Brainstorming sessions and practical role-playing to simulate real-life scenarios.
- Case studies tailored to align with the training content and participants work nature.
- Assessment tests conducted at the end of the program to evaluate the achievement of training objectives.

Each participant receives the training material (both theoretical and practical) in printed form and saved on a CD or flash drive. Detailed reports, including attendance records, final results, and overall program evaluations, are also provided.

Training materials are prepared professionally by a team of experts and specialists in various fields. At the end of the program, participants are awarded a professional attendance certificate, signed and accredited by the Scandinavian Academy for Training Center.

Program Timings: 9:00 AM to 2:00 PM

The program includes:

- A daily buffet provided during the sessions to ensure participants comfort.
- A closing ceremony on the final day to distribute certificates and celebrate participants achievements.
- **Note: All prices are exclusive of 15% Value Added Tax (VAT).**

Our Success Partners

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