

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: Building Operational Excellence in the Process Industry

Code	City	hotel	Start	End	price	Language - Hours
OG-544SA	Al Baha	Hotel Meeting	2027-03-21	2027-03-25	13950 SR	En - 25

Course Description

The process industry is capital-intensive and is characterized by strong and relentless international competition. Certain operations and processes are also high risk. This means that process companies need to be on the top of their game if they wish to survive and grow in these difficult conditions. Building Operational Excellence into the Process Industry has been designed to explain the main factors of operational excellence and how to build them into a coherent improvement programme for the process industry. The latest tools and techniques are introduced and explained with a minimum of jargon so that delegates can see how to use them in their situation.

The following aspects are covered in a straightforward way with case study examples being used to illustrate how best to apply them:

- Safety, risk and continuity of operations
- People management
- Plant reliability
- Quality systems
- Costing

Course Objective

To provide a step-by-step guide to operational excellence – starting with foundations and building up to best practice that will deliver maximum business benefits. By virtue of dynamic participation in this seminar, it is to be expected that delegates will make a

substantial, positive impact on the operational regime within their home organization.

At the end of this seminar participants will have:

- A solid understanding of best practice techniques for achieving operational excellence
- An understanding of a range of technical and human risks and their implications to the operational organization.
- The ability to design a tailored operational improvement plan for their organization which tackles the major risk areas.
- A practical approach to developing an action plan to utilize these technologies in their own areas of responsibility, fitting them into the overall operations strategy, and measuring benefits

Course Outline

Day One

Safety

- Safety first
- Behavioural safety
- Risk Assessment
- Permits to Work, Hazard & Operability Studies and other common systems
- Analyzing Near Misses, Incidents & Accidents
- Complete Safety Management System

Day Two

Continuity of Operations – Plant Reliability

- Operational Risks
- Vulnerability & Resilience Assessment
- Reliability Improvement
- Plant Asset Care
- Developing the Right Maintenance Strategy
- Agile Manufacturing

Day Three

Quality

- Process Control
- Six Sigma: minimizing the six losses and seven wastes
- Continuous Improvement Model
- Quality Assurance
- Standard Operating Procedures
- Error Proofing Techniques

Day Four

Costing

- Costing systems
- Lean manufacturing
- Inventory control systems
- Life cycle approach to equipment selection
- Asset management
- Benchmarking

Day Five

People Management / Development

- Leadership
- Empowerment & Engagement
- Change Management
- Performance Management Systems
- Skills & Competency Development
- Problem Solving

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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