MERCURY

Building Operational Excellence in the Process Industry Conference

25 – 29 January 2027
Johannesburg (South Africa)



Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

Building Operational Excellence in the Process Industry Conference

Ref: 8183_1060170 **Date:** 25 – 29 January 2027 **Location:** Johannesburg (South Africa) **Fees:** 5300 Euro

Introduction:

The process industry is capital-intensive and is characterized by strong and relentless international competition. Certain operations and processes are also high risk. This operational excellence in process industry conference means that process companies must be on top of their game 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 program 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.

Improving operational excellence is an ongoing journey that ensures an organization remains effective, efficient, and ahead of the competition. This operational excellence in process industry conference is specifically designed to integrate operational excellence training within the core of your business strategy, helping you build operational excellence and sustain it through continuous process improvement. Attendees will leave with a robust understanding of improving operational excellence in their operational building and across the broader organizational landscape.

Operational Excellence Essentials:

As we delve into the subject of operational excellence, one might question what operational excellence is. But, it's the practice of continuously improving organizational processes to enhance performance and competitive standing.

This operational excellence in process industry conference is the bridge to mastering operational excellence. It provides the foundational knowledge needed for certification.

By participating in this operational excellence conference, you gain insights into operational excellence definition and the practical experience from our operational excellence workshop, gearing you towards achieving a master of business operational excellence or even considering an operational excellence master's degree.

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Targeted Groups:

- Operations Professionals.
- Process Professionals.
- Reliability and Maintenance Professionals.
- Safety Professionals.
- Other professionals are involved in process improvement.

Conference Objectives:

At the end of this operational excellence in process industry conference, participants will be able to:

- Understand the best practice techniques for achieving operational excellence.
- Understand various technical and human risks and their implications to the operational organization.
- Design a tailored operational improvement plan for their organization that tackles the major risk areas.
- Learn a practical approach to developing an action plan to utilize these technologies in their areas of responsibility, fitting them into the overall operations strategy, and measuring benefits.

Targeted Competencies:

At the end of this operational excellence in process industry conference, target competencies will be able to:

- Understand safety, risk, and continuity of operations.
- People management.
- Plant reliability.
- Quality systems.
- Costing.

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Conference Content:

Unit 1: Safety:

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

Unit 2: Continuity of Operations - Plant Reliability:

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

Unit 3: Quality:

- Process Control.
- Six Sigma: Minimizing the Six Losses and Seven Wastes.
- Continuous Improvement Model.
- Quality Assurance.
- Standard Operating Procedures.
- Error Proofing Techniques.

Unit 4: Costing:

- Cost systems.
- Lean manufacturing.
- Inventory control systems.
- Life Cycle Approach to Equipment Selection.
- Asset management.
- Benchmarking.

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Unit 5: People Management/Development:

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