

SUSTAINABILITY VIA PROCESS SAFETY ANALYSIS & EMOTIONAL INTELLIGENCE

“Enhancing Safety and Sustainability through Process Safety and Emotional Intelligence”

Schedule

Date	Venue	Fees (Face-to-Face)
01 – 05 Mar 2026	Manama, Bahrain	USD 3495 per delegate
20 – 24 Jul 2026	Dubai, UAE	USD 3495 per delegate

Introduction

Sustainability is not just about environmental factors—it’s about embedding safety, efficiency, and emotional intelligence into the operational processes of an organization. This 5-day course focuses on two key areas: process safety analysis and emotional intelligence. Participants will learn how to conduct thorough process safety analysis to minimize risks, reduce environmental impacts, and improve safety systems. Additionally, the course will cover the role of emotional intelligence (EI) in leadership, communication, and decision-making, particularly in high-risk environments, and how it contributes to safety culture and overall sustainability.

Objectives

By the end of this course, participants will be able to:

- Understand the principles and methodologies of process safety analysis (PSA) and their application in improving safety systems
- Analyze process safety data to minimize risks and achieve sustainability goals
- Develop strategies to integrate emotional intelligence into leadership and decision-making in high-risk industries
- Use EI techniques to enhance team performance, communication, and collaboration
- Apply both process safety and emotional intelligence frameworks to drive organizational sustainability and improve safety culture

Why Attend

- Learn how to use process safety analysis to identify and mitigate risks that impact sustainability
- Gain skills to improve safety systems, reduce environmental impact, and optimize operational efficiency
- Develop emotional intelligence as a leadership tool to enhance communication, decision-making, and team dynamics in high-risk environments
- Understand how the combination of process safety and emotional intelligence contributes to a more sustainable, safe, and productive workplace
- Enhance your ability to foster a strong safety culture within your organization

Target Audience

This program is designed for:

- Safety managers and engineers
- Environmental health and safety (EHS) professionals
- HR and organizational development professionals
- Operations and maintenance managers
- Leaders and decision-makers in high-risk industries like oil, gas, and manufacturing

Individual Benefits

Key competencies that will be developed include:

- Expertise in conducting process safety analysis to identify and mitigate risks
- Skills in improving safety systems and sustainability initiatives within organizations
- Enhanced emotional intelligence to improve communication, leadership, and decision-making
- Ability to implement EI practices to foster a safety-conscious work culture
- Knowledge of integrating process safety and emotional intelligence for holistic risk management

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved organizational safety culture through a combination of process safety and emotional intelligence
- Enhanced ability to reduce accidents, minimize environmental impact, and improve operational efficiency
- Stronger leadership and communication in high-risk environments, fostering better teamwork and collaboration
- A more sustainable, safe, and productive workplace driven by both technical safety analysis and human-centered leadership
- A measurable improvement in organizational decision-making processes, risk management, and crisis response

Instructional Methodology

- Lectures to explain the principles of process safety analysis and emotional intelligence
- Case studies to illustrate the integration of safety analysis and EI in high-risk industries
- Workshops focusing on hands-on activities in process safety analysis and EI application
- Group discussions to explore best practices and strategies for improving both process safety and emotional intelligence in the workplace
- Practical exercises to help participants apply safety and EI concepts to real-world scenarios

Course Outline

Training Hours: 07:30 AM - 03:30 PM Daily Format: 3-4 Learning Modules | Coffee Breaks: 09:30 & 11:15 | Lunch Break: 01:00 - 02:00

Day 1: Introduction to Process Safety Analysis and Sustainability

- Module 1: Fundamentals of Process Safety (07:30 - 09:30) • Overview of process safety and its role in sustainability • Key principles of process safety analysis (PSA) • The relationship between safety, environmental impact, and operational efficiency
- Module 2: Conducting Process Safety Analysis (09:45 - 11:15) • Methods for identifying hazards and assessing risks • Tools and techniques for process safety analysis (HAZOP, FMEA, etc.) • Analyzing data and identifying risk reduction strategies
- Module 3: Workshop - Conducting a Process Safety Analysis (11:30 - 01:00) • Hands-on activity in process safety analysis for a sample system

Day 2: Emotional Intelligence and Leadership in High-Risk Environments

- Module 4: Understanding Emotional Intelligence (07:30 - 09:30) • What is emotional intelligence and why it matters in leadership • Key components of emotional intelligence: self-awareness, self-regulation, motivation, empathy, and social skills • The role of EI in safety-critical environments
- Module 5: Applying Emotional Intelligence in Leadership (09:45 - 11:15) • EI as a tool for effective leadership and decision-making • Managing stress, conflict, and decision-making in high-risk situations • Developing emotional intelligence in teams for improved safety culture
- Module 6: Workshop - Applying EI in Safety Leadership (11:30 - 01:00) • Participants engage in scenarios and role-playing exercises to apply emotional intelligence in leadership

Day 3: Integrating Process Safety and Emotional Intelligence for Sustainability

- Module 7: Integrating EI into Process Safety Management (07:30 - 09:30) • How EI complements process safety analysis for organizational sustainability • Enhancing communication and collaboration in safety management teams • Case studies on successful integration of EI and PSA in high-risk industries
- Module 8: Risk Management and Emotional Intelligence (09:45 - 11:15) • Using EI to manage risk, improve decision-making, and foster resilience in high-risk environments • Identifying EI strategies to handle crisis situations effectively • Emotional intelligence as a tool for managing safety and operational risks
- Module 9: Workshop - Integrating Process Safety and EI (11:30 - 01:00) • Participants create an integration plan for combining process safety and emotional intelligence in their organizations

Day 4: Practical Tools for Safety and EI Implementation

- Module 10: Tools for Implementing Process Safety Systems (07:30 - 09:30) • Key tools and software for managing process safety and risk analysis • Implementing continuous monitoring and improvement systems • Case study: Using tools for process safety management in the field
- Module 11: Emotional Intelligence Tools for the Workplace (09:45 - 11:15) • Tools and techniques for developing and measuring emotional intelligence in teams • Practical approaches for improving EI in leadership and staff • Building a safety-conscious culture through EI
- Module 12: Workshop - Developing an EI and Process Safety Action Plan (11:30 - 01:00) • Participants design a plan to enhance EI and process safety integration within their organization

Day 5: Review, Evaluation, and Action Plan Development

- Module 13: Review of Key Concepts (07:30 - 09:30) • Recap of process safety analysis and emotional intelligence techniques • Reviewing best practices and lessons learned
- Module 14: Developing an Action Plan for Sustainability (09:45 - 11:15) • Creating an action plan for sustainable safety and emotional intelligence integration • Setting realistic goals for continuous improvement in safety systems and leadership
- Module 15: Certification and Closing Remarks (11:30 - 01:00) • Final review and presentation of certifications

Certification

Upon successful completion of this course, participants will receive a Certificate of Completion in Sustainability via Process Safety Analysis & Emotional Intelligence, demonstrating their ability to integrate process safety and emotional intelligence for improved organizational sustainability and safety culture

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