

Course Name

Process Safety & Fatigue Management for Supervisors

Sector Name

Health, Safety and Environment

Document Type

Generated by Boostlab

[**Click Here To Visit Course**](#)

ABU DHABI: +971 2 449 6000

ABU DHABI: +971 50 412 3294

DUBAI: +971 4 888 6787

KSA: +966 56 416 0617

EGYPT: +20 127 111 1770



Process Safety & Fatigue Management for Supervisors

Course Introduction

Process Safety & Fatigue Management for Supervisors provides supervisors and frontline leaders with the knowledge and practical skills required to manage process safety risks while recognizing and controlling fatigue-related hazards. The program combines core process safety principles with human factors and fatigue management, helping supervisors understand how operational conditions, workload, shift patterns, and human performance can influence safety outcomes.

The course explores the supervisor's role in hazard identification, risk assessment, operational discipline, safety communication, incident prevention, and emergency preparedness. Participants will also examine common causes of workplace fatigue, including extended shifts, insufficient recovery time, demanding work environments, and irregular schedules, and learn practical approaches to identifying fatigue risks within their teams.

Through industry-based scenarios and practical exercises, participants will develop strategies to improve team awareness, strengthen safety culture, manage fatigue-related risks, and support safer operational decision-making. The program is particularly

relevant to safety-critical industries where human performance and process reliability are closely connected.

ABU DHABI: +971 2 449 6000

ABU DHABI: +971 50 412 3294

DUBAI: +971 4 888 6787

KSA: +966 56 416 0617

EGYPT: +20 127 111 1770

[Click Here To Visit Course](#)



Process Safety & Fatigue Management for Supervisors

Target Audience

- ✓ Supervisors and frontline managers in process industries.
- ✓ Operations and production supervisors.
- ✓ HSE and process safety professionals.
- ✓ Maintenance and engineering supervisors.
- ✓ Shift supervisors and team leaders.
- ✓ Plant and facility supervisors.
- ✓ Oil and gas, petrochemical, chemical, manufacturing, and energy professionals.
- ✓ Professionals responsible for workforce scheduling and operational safety.
- ✓ Personnel involved in incident prevention and safety management.
- ✓ Newly appointed supervisors working in safety-critical environments

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

[Click Here To Visit Course](#)



Process Safety & Fatigue Management for Supervisors

Learning Objectives

- ✓ Understand the fundamental principles of process safety and their importance in high-risk operations.
- ✓ Identify major process safety hazards and operational risks within the workplace.
- ✓ Recognize the role of supervisors in maintaining process safety standards and preventing incidents.
- ✓ Understand how human factors can influence process safety performance.
- ✓ Identify the causes, signs, and consequences of workplace fatigue.
- ✓ Assess fatigue-related risks associated with shift work, extended working hours, and demanding operational environments.
- ✓ Apply practical techniques for identifying and managing fatigue among teams.
- ✓ Strengthen supervisory practices that support safe behavior and operational discipline.
- ✓ Improve communication and reporting of safety concerns, near misses, and fatigue-related risks.
- ✓ Understand how workload, scheduling, and working conditions can contribute to fatigue.
- ✓ Apply risk assessment principles to process safety and fatigue-related hazards.
- ✓ Support effective emergency preparedness and incident prevention.

- ✓ Promote a proactive safety culture within operational teams.
- ✓ Develop practical strategies for balancing productivity, employee wellbeing, and process safety.

ABU DHABI: +971 2 449 6000

ABU DHABI: +971 50 412 3294

DUBAI: +971 4 888 6787

KSA: +966 56 416 0617

EGYPT: +20 127 111 1770

[Click Here To Visit Course](#)



Process Safety & Fatigue Management for Supervisors

Course Outline

✓ Day 01

Process Safety Fundamentals for Supervisors

Process Safety Principles and Major Accident Hazards

- ✓ Understanding process safety and its purpose
- ✓ Distinguishing process safety from personal safety
- ✓ Understanding major accident hazards
- ✓ Recognizing high-consequence process safety scenarios
- ✓ Understanding loss-of-containment and escalation pathways
- ✓ Connecting process safety with operational reliability

Supervisor Responsibilities in Process Safety

- ✓ Understanding the supervisor's process safety role
- ✓ Maintaining operating discipline in the field
- ✓ Recognizing unsafe process conditions
- ✓ Ensuring adherence to established controls
- ✓ Escalating significant process safety concerns
- ✓ Strengthening frontline process safety ownership

Process Safety & Fatigue Management for Supervisors

Course Outline

✓ Day 02

Critical Controls and Safe Operating Discipline

Critical Process Safety Controls

- ✓ Understanding critical controls for major hazards
- ✓ Identifying preventive and mitigative barriers
- ✓ Understanding barrier effectiveness and degradation
- ✓ Recognizing control failures and vulnerabilities
- ✓ Monitoring critical controls in daily operations
- ✓ Strengthening frontline control assurance

Safe Operating Procedures and Control Discipline

- ✓ Understanding the importance of operating procedures
- ✓ Maintaining procedural compliance
- ✓ Managing deviations from normal operating conditions
- ✓ Applying permit and authorization requirements
- ✓ Controlling changes in operating conditions
- ✓ Strengthening supervisory oversight of safe operations

Process Safety & Fatigue Management for Supervisors

Course Outline

✓ Day 03

Human Performance and Fatigue Risk

Human Factors in Process Safety

- ✓ Understanding human performance in high-risk operations
- ✓ Recognizing human error and performance variability
- ✓ Understanding organizational and environmental influences
- ✓ Identifying conditions that increase human performance risk
- ✓ Strengthening communication and situational awareness
- ✓ Applying human performance principles to supervision

Fatigue Risk and Human Performance

- ✓ Understanding fatigue and its operational effects
- ✓ Recognizing signs and indicators of fatigue
- ✓ Understanding sleep, recovery, and alertness
- ✓ Examining fatigue effects on attention and judgment
- ✓ Understanding fatigue-related performance degradation
- ✓ Connecting fatigue exposure with process safety risk

Process Safety & Fatigue Management for Supervisors

Course Outline

✓ Day 04

Supervisory Management of Fatigue and Operational Risk

Shift Work, Workload and Fatigue Exposure

- ✓ Understanding shift patterns and fatigue exposure
- ✓ Evaluating workload and working-hour pressures
- ✓ Understanding night work and circadian disruption
- ✓ Identifying operational conditions that increase fatigue
- ✓ Recognizing cumulative fatigue and insufficient recovery
- ✓ Assessing fatigue exposure within supervisory responsibilities

Supervisory Controls for Fatigue and Operational Risk

- ✓ Establishing supervisory approaches to fatigue management
- ✓ Managing work allocation under fatigue conditions
- ✓ Adjusting operational arrangements when risk increases
- ✓ Using escalation and intervention when fitness is compromised
- ✓ Supporting communication around fatigue-related concerns
- ✓ Integrating fatigue considerations into operational planning

Process Safety & Fatigue Management for Supervisors

Course Outline

✓ Day 05

Process Safety Leadership and Supervisory Readiness

Process Safety Leadership and Field Intervention

- ✓ Demonstrating visible process safety leadership
- ✓ Reinforcing critical safety behaviors in the field
- ✓ Intervening when process safety conditions deteriorate
- ✓ Conducting effective supervisory safety conversations
- ✓ Strengthening learning from operational deviations
- ✓ Building frontline process safety accountability

Building Supervisory Readiness for High-Risk Operations

- ✓ Assessing readiness for abnormal operating conditions
- ✓ Maintaining preparedness for major process safety events
- ✓ Integrating human performance into operational readiness
- ✓ Strengthening supervisory response capability
- ✓ Building resilience against fatigue-related operational risks
- ✓ Sustaining safe and disciplined operational performance

Process Safety & Fatigue Management for Supervisors

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Oct. 10, 2027	Oct. 14, 2027	5 days	4250.00 \$	KSA , Riyadh
Jan. 4, 2027	Jan. 8, 2027	5 days	4250.00 \$	UAE , Dubai

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

[Click Here To vist Course](#)

info@boostuae.com info@boostorg.com

Generated by BoostLab •

