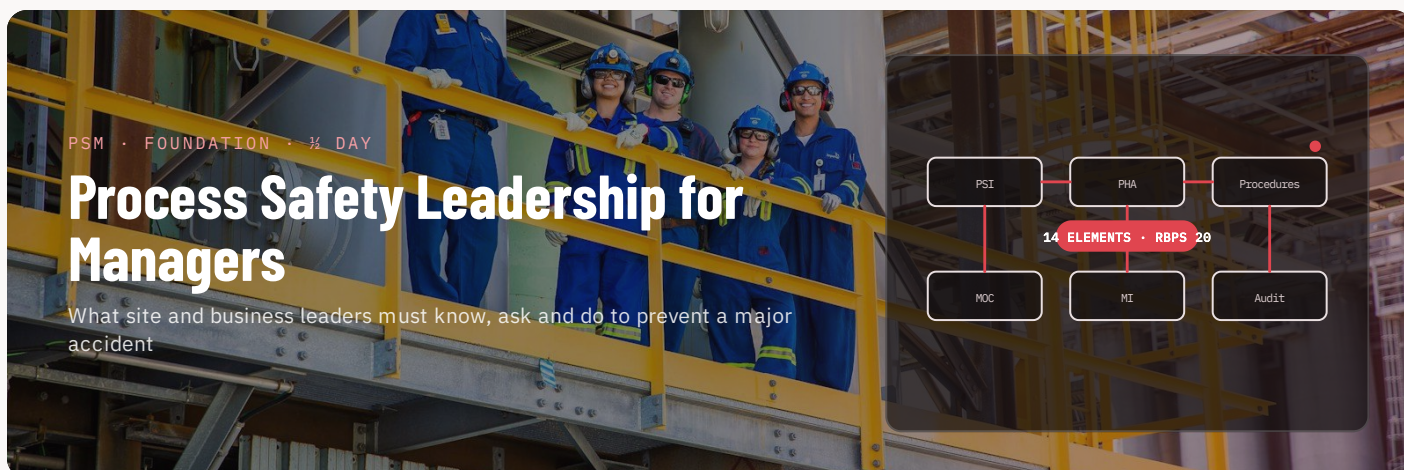




PSM · FOUNDATION · ½ DAY

Process Safety Leadership for Managers

What site and business leaders must know, ask and do to prevent a major accident



DURATION
½ day

LEVEL
Foundation

FORMAT
On-site classroom · virtual instructor-led

LANGUAGE
English

MAX. PARTICIPANTS
16

½ day

built for a leadership calendar

3

board-level case studies

1

personal commitment list

Overview

After Texas City the Baker Panel found that leadership had measured the wrong things and asked the wrong questions. This half-day session gives leaders a working understanding of major-accident hazards, the barriers that control them and the management system that keeps the barriers working, then focuses on their own role: the questions to ask on a site visit, the indicators to review, the signals of a decaying programme and the decisions on budget, staffing and production that shift risk.

Learning outcomes

- Explain the site's major-accident hazards and the barriers that control them in their own words
- Read process safety indicators and ask the questions that test barrier health
- Recognise the warning signs identified by the Baker Panel and CSB: normalised deviation, backlog, overrides, production pressure
- Set the tone: visible commitment, resourcing, response to bad news
- Make production, cost and staffing decisions with process safety risk explicit
- Leave with a personal list of actions and questions for the next quarter

Who should attend

Site managers, department heads, business-unit leaders and board members with accountability for process safety; new managers moving into hazardous-plant roles

Course outline

SESSION 1

Texas City, Buncefield and Deepwater Horizon: what leadership did and did not do · major-accident hazards and barriers · the PSM system in one page · leading indicators and what they really say · the leadership questions

SESSION 2

Warning signs of a decaying programme · culture: reporting, response to bad news, challenge · resourcing and competency decisions · site walk and conversation practice · personal commitments and follow-up

Standards referenced

CCPS Risk Based Process Safety (Process Safety Culture, Leadership)

OGP Report 452 Process Safety: Recommended Practice on Key Performance Indicators

EI Process Safety Management Framework API RP 754

Seveso III Directive

Tools & exercises

Case material and indicator examples presented; no software required

What's included

- ✓ Course manual and slide pack
- ✓ Software access for the course
- ✓ Post-course Q&A with the instructor
- ✓ Exercise and case-study pack
- ✓ Competency quiz and certificate
- ✓ Templates used in the exercises

PREREQUISITES
None

CERTIFICATION
Certificate of attendance

INSTRUCTORS
Practising engineers — TÜV HAZOP Leader, CCPS and IEC 61511 Functional Safety certified — with 200+ years of cumulative plant experience.

Book this course or build a custom curriculum

On-site at your plant or virtual · in-house groups · competency assessment included

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