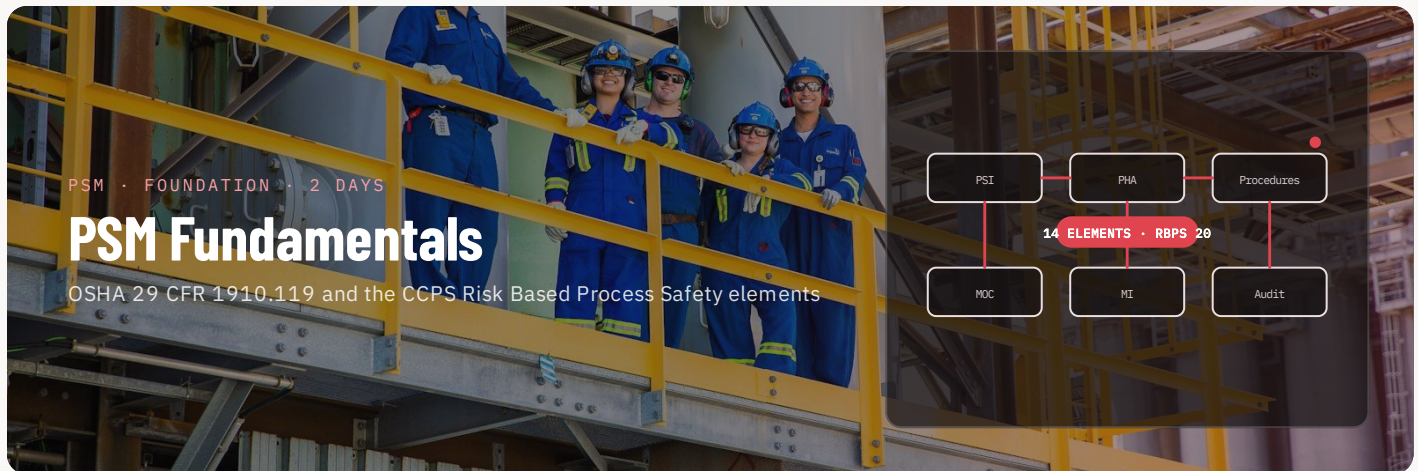



DURATION
 2 days

LEVEL
 Foundation

FORMAT
 On-site classroom · virtual instructor-led

LANGUAGE
 English

MAX. PARTICIPANTS
 16

14 + 20

OSHA and RBPS elements

1

gap-assessment workshop

30+

audit-ready record types

Overview

Process safety management is how a plant keeps its hazards under control every day, not just on the day of the HAZOP. This course explains each of the 14 OSHA PSM elements and the 20 CCPS RBPS elements, what 'good' looks like in practice, how the elements connect, and where programmes typically decay between audits.

Learning outcomes

- Explain the intent and requirements of every PSM element
- Recognise the documents and records an auditor will ask for
- Connect PHA, MOC, PSI, mechanical integrity and training into one system
- Use leading and lagging indicators (API RP 754) to monitor the programme
- Identify common gaps and prioritise corrective actions
- Describe the roles of element owners, operations and leadership

Who should attend

PSM element owners, engineers, supervisors and HSE staff new to a formal PSM programme; managers accountable for compliance

Course outline

DAY 1

Why PSM exists: major accident lessons · OSHA 1910.119 and Seveso context · process safety information and safe limits · PHA · operating procedures and conduct of operations · training · contractors

DAY 2

Mechanical integrity and SCE · MOC and PSSR · hot work and permits · incident investigation · emergency planning · compliance audits · RBPS elements beyond OSHA · metrics with CeraPulse · gap-assessment workshop

Standards referenced

OSHA 29 CFR 1910.119 · CCPS Risk Based Process Safety
 API RP 754 · Seveso III Directive · EI PSM Framework

Tools & exercises

Gap-assessment exercise using the CeraPulse audit module

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 completion

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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