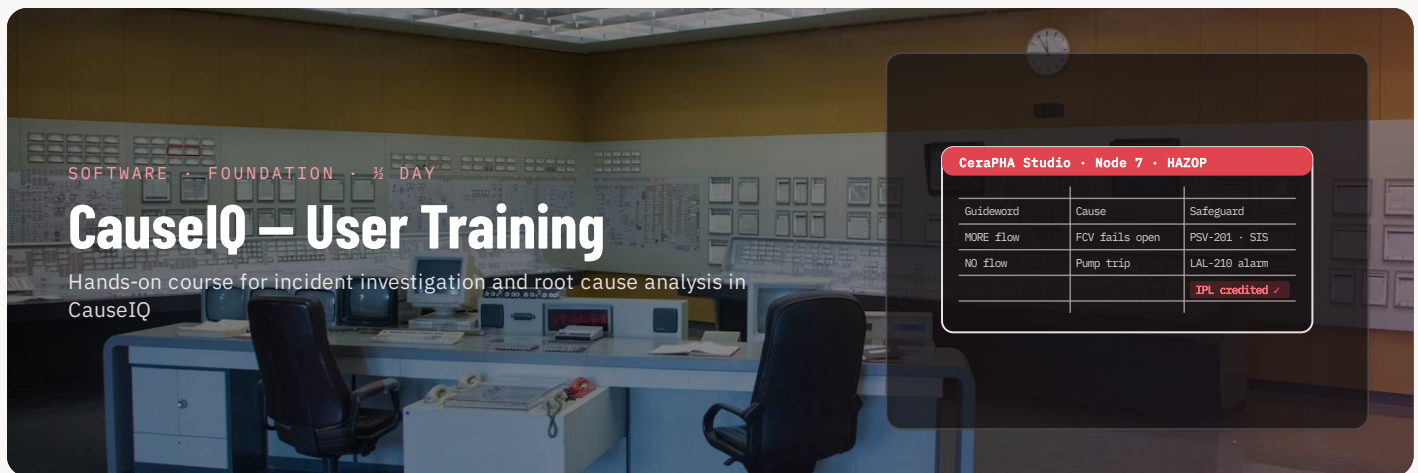




SOFTWARE · FOUNDATION · ½ DAY

CauseIQ – User Training

Hands-on course for incident investigation and root cause analysis in CauseIQ

CeraPHA Studio · Node 7 · HAZOP

Guideword	Cause	Safeguard
MORE flow	FCV fails open	PSV-201 · SIS
NO flow	Pump trip	LAL-Z10 alarm
		IPL credited ✓

DURATION
 ½ day

LEVEL
 Foundation

FORMAT
 On-site classroom · virtual instructor-led

LANGUAGE
 English

MAX. PARTICIPANTS
 16

½ day
 hands-on

1
 investigation completed

Admin
 module for IT owners

Overview

A short, hands-on course that takes an investigation team from installation to a closed report: opening an incident, building the timeline from evidence, running 5-Whys, fault tree and barrier analysis, linking causes to the PHA and its safeguards, and issuing recommendations with tracked actions. Administrators cover user roles, taxonomies and integration with the PHA and action systems.

Learning outcomes

- Register an incident, classify it and attach evidence
- Build an event timeline and identify conditions and deviations
- Apply 5-Whys, fault tree and barrier analysis to reach root causes
- Link failed barriers to the PHA safeguards and IPLs they represent
- Write recommendations, assign actions and produce the investigation report
- Administer users, cause taxonomies and system links

Who should attend

Incident investigators, HSE and process safety engineers, supervisors and administrators who will use or manage CauseIQ

Course outline

SESSION 1

Installation and editions · incident registration and classification · evidence and interview records · timeline builder · 5-Whys and causal factor charting

SESSION 2

Fault tree and barrier analysis · PHA link and safeguard failure mapping · recommendations, actions and reports · lessons-learned export · administration · Q&A on participants' own incident

Standards referenced

CCPS Guidelines for Investigating Process Safety Incidents
 OSHA 29 CFR 1910.119(m) API RP 754
 IEC 61025 (Fault Tree Analysis)

Tools & exercises

CauseIQ (web or client/server edition), participants' own licence

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

Basic incident-investigation knowledge; TR-D09 recommended

CERTIFICATION

Certificate of completion

INSTRUCTORS

Practising engineers — TÜV HAZOP Leader, CCPSC 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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