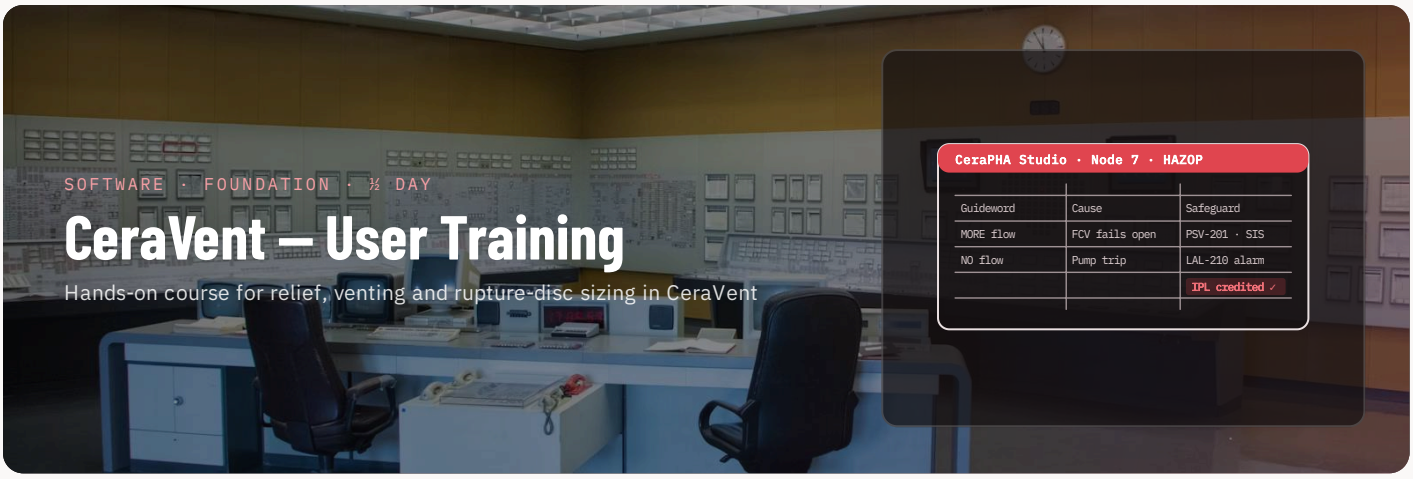

SOFTWARE · FOUNDATION · ½ DAY

CeraVent — User Training

Hands-on course for relief, venting and rupture-disc sizing in CeraVent

DURATION	LEVEL	FORMAT	LANGUAGE	MAX. PARTICIPANTS
½ day	Foundation	On-site classroom · virtual instructor-led	English	16

½ day hands-on

6 sizing cases completed

Admin module for IT owners

Overview

A short, hands-on course that takes an engineer from installation to a documented relief calculation: setting up a unit and its protected equipment, defining overpressure scenarios, sizing valves and rupture discs for vapour, liquid, two-phase and fire cases, checking inlet and outlet constraints, and producing calculation sheets and the relief register. Administrators cover fluid libraries, valve catalogues and client/server settings.

Learning outcomes

- Create a project, define equipment and set design conditions
- Build overpressure scenarios and calculate relief loads per API 521
- Size PSVs, pilot-operated valves and rupture discs, and check inlet/outlet losses
- Run two-phase and tank-venting cases with the DIERS and API 2000 methods
- Generate calculation sheets, datasheets and the relief register
- Administer users, libraries and client/server settings

Who should attend

Process and relief-systems engineers, inspection engineers and administrators who will use or manage CeraVent

Course outline

SESSION 1

Installation and editions · project set-up and unit conventions · equipment and fluid definition · scenario builder and load calculation · vapour, liquid and fire sizing

SESSION 2

Two-phase and API 2000 tank venting · installation checks and back pressure · reports, datasheets and relief register export · administration and libraries · Q&A on participants' own cases

Standards referenced

API 520 Part I & II · API 521 · API 526 · API 2000 · ISO 4126

Tools & exercises

CeraVent (Windows, 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 relief-systems knowledge; TR-C01 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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