



# ChemOps Training

Engage higher performance.

## ChemOps Training

Industry-designed ChemOps Training, an innovative and effective training curriculum, engages higher performance for the specialty chemical workforce development challenges.



## Schedule a demo today!

## Enhanced Retention

Each unit includes interactive exercises, animations, and assessments that help learners retain more information and become more effective on the job.



## ROADMAP TO IMPLEMENTATION

1

### PURCHASE

ChemOps Training

2

### COMPLETE

Configuration Meeting & Documentation

3

### ACCESS

Company Portal  
**IMPLEMENT**  
Training

### Key Features Include:

- Interactive 3D animations and vivid graphics
- Module assessments
- Customized configuration
- Learner tracking & record-keeping
- Unlimited users with annual license
- Available from any connected device
- Standalone or supplement existing training

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Process Flow

Cooling Liquid

# Units and Modules

## Animations



### 01: Basic Science

- Mathematics
- Process Physics
- Process Chemistry
- Heat Transfer



### 02: Plant Equipment

- Piping & Valves
- Heat Transfer Equipment
- Reaction
- Hoses
- Plant Utilities
- Tanks
- Separation & Distillation
- Rotating Equipment



### 03: Instrumentation & Control

- Instrumentation
- Control Systems



### 04: Unit Operations

- Unit Operations
- Plant Drawings/ Diagrams



### 05: EHS

- HazCom
- Confined Space Entry
- PPE
- Line Breaking
- LOTO



### 06: Concepts of Process Safety Management

- Introduction to Concepts of PSM
- Mechanical Integrity
- PHA & PSSR
- Employee Participation
- HOT Work Permit
- Contractors, Compliance Audits, & Trade Secrets
- Operating Procedures & Training
- Emergency Planning and Response & Incident Investigation
- PSI
- MOC



### 07: CSB

- 49 Chemical Safety Board videos

1. Gate Valve
2. Pneumatic Control Valve
3. Swing Check Valve
4. Relief Valve
5. JT Valve
6. Plug Valve
7. Needle Valve
8. Globe Valve
9. Floating Roof Tank
10. Pressurized Storage Sphere
11. Heat Exchanger
12. Heating/Cooling Jacket
13. Diaphragm Pump
14. Centrifugal Pump
15. Reciprocating Compressor
16. Reverse Osmosis System
17. Three Phase Separator
18. Filter
19. Molecular Sieve Drier
20. Fractionation Column
21. Distillation Column
22. Flash Tank
23. Cyclone
24. Pharmaceutical Batch Reactor
25. Fluidized Bed Reactor
26. Tubular Reactor
27. Continuous Stirred Tank
28. Fixed Bed Reactor
29. Batch Reactor
30. Cooling Tower
31. Absorber Contactor
32. Blower
33. Deaerator
34. Flare
35. Flare Stack
36. Steam Drum
37. Steam Ejector
38. Stripper
39. Thermosyphon Reboiler
40. Variable Speed Electric Motor
41. Temperature Measurement
42. Radar Level Gauge
43. Pressure Tap DPI
44. Ultrasonic Flow Meter
45. Flow Meter
46. Inline Analyzer
47. Condenser eLearning
48. Vacuum Pump eLearning
49. Gear Pump eLearning
50. Decanter eLearning
51. Reflux eLearning
52. Batch Column Reactor eLearning