

CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH 2002 (COSHH)

““Minimizing Risk from Harmful Substances through Effective Assessment, Control, and Compliance””

Schedule

Date	Venue	Fees
12 – 13 Nov 2026	Dubai, UAE	USD 1995 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

The Control of Substances Hazardous to Health Regulations 2002 (COSHH) is a key piece of UK legislation designed to protect workers from exposure to harmful substances in the workplace. Organizations handling chemicals, fumes, dusts, vapors, or biological agents must assess and control the risks to employee health and ensure regulatory compliance.

This 2-day training course provides participants with practical guidance on understanding, applying, and managing COSHH within a variety of work environments. Through a mix of presentations, case examples, and hands-on exercises, the course ensures that employers and safety professionals can implement effective exposure controls and protect occupational health.

Objectives

By the end of this course, participants will be able to:

- Understand the legal requirements and purpose of COSHH 2002
- Identify hazardous substances and assess associated health risks
- Implement appropriate control measures including PPE, ventilation, and substitution
- Develop and maintain COSHH assessments and safety documentation
- Monitor exposure, health surveillance, and control effectiveness

Why Attend

- Avoid regulatory penalties through full compliance with COSHH 2002
- Protect staff from illness, injury, and long-term occupational diseases
- Develop confidence in conducting COSHH assessments and risk controls
- Support a strong safety culture and workforce wellbeing
- Improve documentation, emergency response, and audit readiness

Target Audience

This program is designed for:

- HSE Officers and Occupational Health Professionals
- Safety Advisors and Compliance Managers
- Line Supervisors and Team Leaders in manufacturing or lab environments
- Facility Managers and Maintenance Personnel
- Anyone responsible for chemical or hazardous material handling

Individual Benefits

Key competencies that will be developed include:

- COSHH risk assessment and control strategies
- Substance classification and label interpretation
- Development of safe systems of work (SSoW)
- Exposure monitoring and action planning
- Legal awareness and regulatory reporting requirements

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Stronger compliance with COSHH and workplace safety standards
- Reduced incidents of chemical exposure and related absenteeism
- Improved documentation and preparedness for inspections
- Lower costs from health claims and enforcement penalties
- Enhanced reputation for safe handling of hazardous materials

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - COSHH framework, legislation, and case law
- Case Studies - Real incidents of chemical mishandling and prevention
- Workshops - Creating COSHH assessments and exposure control plans
- Peer Exchange - Sharing control strategies across industries
- Tools - Templates for risk assessments, SSoWs, and control registers

Course Outline

DETAILED 2-DAY COURSE OUTLINE

Training Hours: 07:30 AM – 03:30 PM **Daily Format:** 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: COSHH Legal Framework and Hazard Recognition

- Module 1: Introduction to COSHH 2002 Regulations (07:30 – 09:30) • Purpose, scope, legal duties of employers and employees
- Module 2: Identifying Hazardous Substances (09:45 – 11:15) • Types of hazards: chemical, biological, dusts, vapors, fumes
- Module 3: Interpreting Labels and Safety Data Sheets (11:30 – 01:00) • GHS/CLP labeling system and hazard communication
- Module 4: Workshop – COSHH Substance Inventory Creation (02:00 – 03:30) • Participants compile and classify workplace hazardous substances

Day 2: Risk Assessment, Control, and Monitoring

- Module 5: Conducting a COSHH Risk Assessment (07:30 – 09:30) • Exposure routes, duration, frequency, and vulnerable populations
- Module 6: Control Hierarchies and Engineering Solutions (09:45 – 11:15) • Substitution, isolation, ventilation, PPE, and maintenance
- Module 7: Health Surveillance and Monitoring Programs (11:30 – 01:00) • When to conduct surveillance and how to respond to findings
- Module 8: Workshop – COSHH Assessment and Control Plan (02:00 – 03:30) • Participants complete a full COSHH assessment and action plan

Certification

Participants will receive a Certificate of Completion in Control of Substances Hazardous to Health (COSHH) 2002, certifying their ability to assess, manage, and control risks associated with hazardous substances in accordance with international best practices and regulatory compliance.

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