

CHEMICAL SAFETY TRAINING

FOR AGRI MANUFACTURING COMPANY



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IMPORTANCE OF CHEMICAL SAFETY TRAINING

Introduction

Chemical Safety Training is essential for protecting employees, the workplace, and the surrounding environment. It equips workers with the right knowledge to identify chemical hazards, understand labeling, and follow safe handling, storage, and disposal procedures. Proper training helps prevent accidents such as fires, spills, exposure, and contamination, reducing injuries and operational downtime.

It also ensures compliance with national and international safety regulations, helping businesses avoid legal penalties and reputational damage. By promoting a strong safety culture, organizations can improve employee confidence, productivity, and overall workplace efficiency.

Investing in chemical safety training leads to a safer, healthier, and legally compliant work environment.



About CoSafe EHS

The CoSafe EHS is a trusted leader in industrial safety training, empowering organizations through expert-led, practical, and compliant programs.

We deliver customized, industry-relevant training focused on safety excellence, legal compliance, and workplace efficiency. Recognized by NCVTE & MSME (Govt. of India) and ISO 9001 certified, we are proud members of the National Safety Council with DGFASLI-certified OHS trainers.

**At Cosafe EHS —
“We Understand, We Customize, We Deliver —
Building Safer Workplaces Together!”**

LEGAL STANDARDS REFERENCE

The Chemical Safety Training Program is designed to align with key national and international safety standards, ensuring chemical handling, storage, and disposal are carried out responsibly and legally.

- ✦ **The Factories Act, 1948 and MSIH Rules, 1989 (Amended 2000)**
- ✦ **OSHA Hazard Communication Standard (29 CFR 1910.1200)**
- ✦ **GHS – Globally Harmonized System of Classification & Labelling of Chemicals**
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- ✦ **ISO 45001:2018 – Occupational Health & Safety Management System**
- ✦ **Environment Protection Act, 1986**





TRAINING OVERVIEW / OBJECTIVE

Agricultural manufacturing facilities often use chemicals for processing, formulation, packaging, and equipment maintenance.

This training aims to enhance awareness of chemical hazards, promote safe handling, and ensure compliance with workplace safety regulations.

OBJECTIVES:

Understand the nature of chemical hazards and their control.

Promote a proactive safety culture in handling agrochemicals and fertilizers.

Equip participants to respond effectively to chemical spills and emergencies.

Ensure compliance with legal and environmental safety requirements

TRAINING DURATION - HALF DAY

Classroom session (2 hrs)

Practical session (1 hr)

► Classroom Session – 2 Hrs

Topics Covered:

1. Introduction to Chemical Safety & Regulatory Requirements
2. Hazard Classification: Toxic, Corrosive, Flammable & Reactive Substances
3. Understanding MSDS / SDS (Material Safety Data Sheet)
4. Chemical Labelling & GHS Pictograms
5. Safe Chemical Storage & Segregation Techniques
6. Personal Protective Equipment (PPE) Selection & Usage
7. Spill Prevention, Handling & Reporting
8. Waste Management & Environmental Considerations

► Practical Session – 1Hrs

Hands-On Demonstrations Include:

1. Identifying and interpreting Safety Data Sheets (SDS)
2. Proper use and maintenance of PPE
3. Safe chemical transfer and dilution procedures
4. Chemical spill containment & neutralization techniques
5. Emergency shower & eyewash demonstration
6. Conducting a mock chemical spill drill
7. Fire extinguisher use for chemical fires

TRAINING ARRANGEMENT (ON-SITE)



Mode: On-site (at Manufacturing Plant) or CoSafe EHS Facility



Duration: Half Day
(Theory + Practical)



Materials Provided: Training Handbook, Chemical Safety Checklist, Emergency Card



Pre & Post Quiz: To evaluate participant understanding



Documentation: Attendance, Photos, and Feedback maintained



Post-Training Report: Shared with management highlighting performance & recommendations

FOR THE ORGANIZATION:



Reduce chemical accidents and exposure risks

Strengthen legal compliance and audit readiness

Build a strong safety culture across departments

Improve operational efficiency and reputation

BENEFITS OF THE TRAINING

Value for Organizations and Employees

FOR EMPLOYEES:



Gain awareness of workplace chemical hazards

Learn safe handling, storage, and emergency response procedures

Develop skills to identify unsafe conditions and prevent accidents

Earn a recognized certification to enhance safety credentials

COMPLETE DOCUMENTATION & CERTIFICATION

Individual Certificates

Individual Certificates for all participants who successfully complete the Chemical Safety Training.

Company Certificate

Company Certificate issued in the organization's name and address as proof of compliance with chemical safety awareness requirements.

Comprehensive Report

Comprehensive Chemical Safety Training Report including:

Report Contents:

- Overview of training sessions and activities conducted.
- Summary of key chemical safety procedures discussed.
- Observations and recommendations for safe chemical handling and storage.
- Attendance records and participant feedback.
- Photographic documentation of training sessions.



Why Choose CoSafe EHS?

CoSafe EHS Bangalore offers expert trainers, customized modules, and practical learning sessions. We focus on real-world applications, legal compliance, and incident prevention. Our training builds confidence, reduces workplace incidents, and supports a healthy, safe work environment.

DIFFERENCE BETWEEN COSAFE EHS AND OTHER TRAINING CENTERS

CoSafe EHS	Key Aspect	Other Training Centers
Balanced: 50% Classroom + 50% Practical	Training Approach	Mostly theory-based
Tailor-made modules based on industry, risk environment, client needs	Customization	Generic, same content for all
Certified Trainers, Lead Auditors & Industry Experts	Trainer Qualifications	Often general trainers without certifications
Real-world emergency simulations	Scenario-Based Drills	Minimal or no practical scenarios
Detailed Reports, Attendance, Photos, Feedback, Observation notes	Documentation	Basic attendance record
POSH, ISO, EHS, Audit preparedness guidance	Compliance Support	Very limited compliance insights
Demonstrates proper PPE selection, usage, and disposal with hands-on practice.	Assessment System	Only mentions PPE types without practical application.
Maintains small groups for focused learning and supervision during drills.	Company Certification	Larger groups leading to limited trainer interaction.
Offers audit assistance, refresher guidance, and follow-up consultation on chemical safety compliance.	Industry Coverage	No follow-up support after training completion.
Trusted by leading manufacturing, pharma, and FMCG industries for customized chemical safety solutions.	Emergency Response Training	Limited experience with industrial clients and sector-specific risks.

HOW WE CONDUCT TRAINING

Delivered by experienced instructors through demonstrations, practical activities, simulations, and case studies. Participants learn to identify hazards, use PPE correctly, and respond to chemical incidents safely.

MEET OUR TEAM



MR. S P MAHADEV

CORPORATE SAFETY TRAINER & AUDITOR

QUALIFICATION:

- Account setup and optimization for 2 platforms
- Diploma in Fire Engineering & Safety Mgmt
- Advance Diploma in Industrial Safety & Hazard Mgmt
- NEBOSH International General Certificate(IGC)
- IOSH Managing Safely
- ISO 45001 Lead Auditor(CQI & IRCA)
- Advance Diploma in Industrial Safety(ADIS) from MSBTE
- Behaviour Based Safety Management and Culture from National Safety Council

EXPERIENCE:

- 06 years of experience in various companies as Health and Safety Professionals including Bangalore International Airport.
- Trained more than 200 students for various national and international courses.
- Conducted more than 100 corporate safety training sessions for various Safety Topics in multiple companies in Bangalore and all over Karnataka.

OUR CLIENTS

Godrej Properties Ltd

Myra

RSP United Infra

Aecom India Pvt. Ltd

My Fitness Wallet

TVS Training and Services
(Igus)

Bharat stars Services Pvt.
Ltd(Bangalore Airport)

IBIS Hotel Hebbal

Repono Private Ltd
(MangaloreRefinery)

Smarterhome

Fortune Hotel

TEFABO Product Pvt. Ltd

Fowler Westrup

Anand Sweets

TBC Hotel

Autsol Automation Solutions Pvt
Ltd

ELV Projects

Swabhimani Bharath
Construction pvt lid.

DIGITAL MARKETING

Energy Tree Inc

One Diversified India Pvt.
Ltd

Toshiba Johnson
Elevators India Pvt Ltd.

Excelligent Corporate
Services Pvt. Ltd (Autorider)

Allied Plasto

Consolidated Management
Group(Manyata Tech Park

Korrum India Pvt
Ltd

Diptab Ventures Private Limited

Nandi Housing

Ashish Interbuild
Private Limited

Shree Raghavendra
Fabrication & Paint

AFFILIATION & RECOGNITION

**Corporate
Member of
National Safety
Council**



Membership No: CMKAR774



**Affiliated with
NCVTE
Ministry of HRD,
Govt of India**



Affiliation No- KA/NCVTE/N1047341



An ISO Certified Institute

**Certificate No.:
IN/55416987/7787**



AUTHORIZED CERTIFICATION

Council for Vocational Education and Skill Development (CVESD) "Certified by CVESD, a recognized authority for vocational education and skill development. This certification highlights our commitment to excellence in providing professional training and skill enhancement in fire and safety, ensuring high standards of quality and compliance in education and industry practices.

COSAFE
EHS

OUR TRAINING AND AUDIT SERVICES INCLUDE

CORPORATE TRAININGS

- ✓ Fire Fighting Training
- ✓ Fire Mock Drill/Evacuation
- ✓ ERT Training
- ✓ Workplace Safety Training
- ✓ Electrical Safety Training
- ✓ Fire Marshal Training
- ✓ BBS Training
- ✓ Road Safety Training
- ✓ Chemical Safety Training
- ✓ Forklift/R. Truck Training
- ✓ Risk Assessment
- ✓ Work at height
- ✓ Defensive Driving Safety
- ✓ Scaffolding Training
- ✓ Crane Operation Safety
- ✓ Lifting & Rigging Safety
- ✓ Excavation Safety
- ✓ Machinery Safety
- ✓ Accident Investigation
- ✓ Manual Handling
- ✓ PTW Systems
- ✓ Food Safety

AUDIT & CONSULTANCY

AUDIT

- ✓ Fire Safety Audit
- ✓ ISO 45001 Implementation
- ✓ CSM Audit
- ✓ Construction Safety Audit
- ✓ Workplace Safety Audit
- ✓ Electrical Safety Audit
- ✓ Energy Audit
- ✓ Third Party HSE Audit

CONSULTANCY

- ✓ ESG Compliances
- ✓ Fire & Safety Manpower
- ✓ Health & Safety Documentation
- ✓ Expert Supervision
- ✓ Risk Assessment Study
- ✓ Accident Investigation
- ✓ HSE Certifications
- ✓ HAZOP Study
- ✓ Waste Management Compliance
- ✓ Fire Fighting System Installation
- ✓ Fire Extinguisher Refilling

HSE COURSES

Competency Course

- ✓ Scaffolding Erector
- ✓ Scaffolding Inspector
- ✓ First Aider
- ✓ Rigger Training
- ✓ Crane Operator
- ✓ Forklift Operator
- ✓ Fire Marshal
- ✓ Rescue Competency
- ✓ Fire Watcher
- ✓ Permit Issuer

Academic Courses

- ✓ Diploma in Fire & Safety Engineering
- ✓ Diploma in Environmental Health and Safety Engineering
- ✓ Diploma in Industrial Safety
- ✓ Diploma in Electrical Safety
- ✓ Diploma in Food Safety
- ✓ Diploma in Oil & Gas Safety
- ✓ IOSH, MS
- ✓ NEBOSH IGC
- ✓ All International Courses

CONTACT US



SCAN FOR GOOGL
EREVIEWS & PHOTO



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