

SAFE USE OF CHEMICAL AT FACTORY

Is your factory facing risks due to unsafe usage and controlling of chemicals?

- ◆ Are you well-trained about the knowledge of health and environmental effects as well as fire and explosion hazards associated with unsafe usage of chemicals?
- ◆ Do you have deep understanding about the chemicals used at your factory: properties, storage methods, usage and elimination?
- ◆ Is your factory's chemical safety control system effective in risk assessment, problem prevention and solutions?

To find the answers to the above questions, let's attend the training program.

CONTENT

Part 1: Safe use of chemical

1. Chemical hazards

- ◆ Chemical and Effects on human health
 - Chemical toxicity
 - Chemical effects on human health
- ◆ Fire and Explosion hazards

2. Chemical Use Information

- ◆ MSDS (Material safety data sheet)
- ◆ CSDS (Chemical safety data sheet)
- ◆ ICSC (International Chemical Safety Cards)

3. Storage – Usage – Elimination

- ◆ Chemical storage Warehouse
- ◆ Chemical tanks
- ◆ Chemical declaration data
- ◆ On-site chemical usage guidelines
- ◆ Chemical exposure
- ◆ Removed chemical solution preservation

4. Prevention solutions

- ◆ Four principles of chemical safety control
- ◆ Monitoring and checking employee health
- ◆ Measuring environment
- ◆ Dealing with urgent issues
- ◆ First-aid

Part 2: Develop an effective chemical safety control system

- ◆ Identify the effects and assess risk level of chemical used
- ◆ Chemical use regulations
- ◆ Set the objectives and develop control program
- ◆ Control the use of chemical
- ◆ Monitor, measure and assess the program's application
- ◆ Brainstorm solution and prevention plan

Part 3: Summary and Action Plan

※The above content is subject to change without prior notices



OBJECTIVES



- ➔ To increase the awareness of following safety instructions while using chemical in order to prevent health effects, and fire and explosion hazards.
- ➔ To deeply understand the instruction tables, methods of storing, using and eliminate chemical safely.
- ➔ To develop an effective chemical safety control system.

TARGET



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| <input checked="" type="radio"/> Staff | <input checked="" type="radio"/> Middle-Management |
| <input checked="" type="radio"/> First-line Management | <input type="radio"/> Top-Management |

METHOD



30% theory, 70% practice through group discussions, presentations, case studies, role-playing, games, etc.



AIMNEXT

Professional Training & Consulting

HCM HEAD OFFICE

Nam Giao Building 1, 261-263 Phan Xich Long, Ward 2, Phu Nhuan Dist, HCM

HANOI REPRESENTATIVE OFFICE

Sao Mai Building, No.19 Le Van Luong St., Thanh Xuan Dist., Hanoi