

# Course “Chemical Risk Assessment”

## 1. Principle

Chemical risk assessment is carried out by gathering information, assessing hazard and risk, and determining the exposures to chemicals, that are used in the organization or laboratory. It includes the writing of Chemical Safety Report or CSR as well as the management of risk according to the level of risk found. In addition, the risk communication of all control measures must also be performed. It will provide the understanding to workers about chemical risk assessment, and their probability of chemical exposures in their work. It will help workers to protect themselves from possible hazard and risk in an effective manner. This course will provide methods for chemical risk assessment for chemical laboratory staff.

## 2. Objective

This course is to leverage knowledge about chemical risk assessment in order to determine control measures for workers who are working in chemical laboratories. Participants will have a chance to share experiences in order to bring collective information to apply in their own laboratory.

## 3. Target customers

Scientists, managers, workers from public and private sectors who either work in laboratories themselves or involve in the laboratory work

## 4. Lecturers

Experts from the Department of Science Service and other agencies

## 5. Course topics

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| 1. Principle of chemical risk assessment | 1.5 hr. |
| 2. Chemical risk assessment standards    | 1.5 hr. |
| 3. Chemical risk assessment              | 1.5 hr. |
| 4. Risk management                       | 1.5 hr. |
| 5. Risk communication                    | 1.5 hr. |

6. Workshop on chemical risk assessment

3.0 hr.

#### 6. Training method

Lecture 9.0 hr. and workshop 3.0 hr.

#### 7. Duration of training

2 days

#### 8. Training facility

Institute of Analytical Chemistry Training Building  
Bureau of Laboratory Personnel Development  
Department of Science Service  
Ministry of Science and Technology  
Rama 6 Road, Ratchathewi, Bangkok 10400 THAILAND  
Tel. +66 2201 7435, +66 2201 7449 Fax. +66 2201 7461

#### 9. Registration fee

5,000 baht/person

#### 10. Certification

Participants need to attend more than 75 % of class session to be eligible for the certificate of completion.