

Safety for Chemical Laboratories

1. Principle

Laboratory personnel who working with chemicals, equipment, instruments, glassware and many laboratory items needs to understand or know about proper installation, usage, storage, maintenance and waste disposal that may cause accidents during their work process. Laboratory workers will need to learn and understand about chemical laboratory safety practices to be able to safely handle chemicals or equipment. It will help them develop their safety guidelines fit for the safety practices in their own laboratory.

2. Objective

This course is to provide knowledge about safety practices for working in laboratories. Participants will have a chance to share experiences in order to apply their gained knowledge to work safely in their own laboratory.

3. Target Customer Group

Scientists, laboratory managers, laboratory personnel or others involved working in laboratories from public and private sectors.

4. Lecturers

Professional of Department of Science Service and professionals from other agencies.

5. Course Topics

- Safety management system in chemical laboratories and Requirements 1.5 hr.
- Responsibilities of personnel 1.5 hr.
- Design for chemical laboratory safety management system 1.5 hr.
- Safety laboratory practices 1.5 hr.
- Chemical management and waste disposal 1.5 hr.
- Management of safety equipment and instruments 1.5 hr.
- Personal Protective Equipment (PPE) 1.5 hr.
- Emergency response and first-aids 1.5 hr.

6. The training method

Describe 12.0 hr.

7. Duration of the training course

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. 02 201 7435, 02 201 7449 Fax. 02 201 7461

9. Budgets

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.