

Training Program:
Globally Harmonized System of Classification and Labelling of Chemicals, GHS

1. Principle

Manufactures, importers, exporters, and users' possession of hazardous substances in Thailand must comply with the requirements based on the Notification of Ministry of Industry on Hazard Classification and Communication System of Hazardous Substances B.E. 2555 (2012). They are under the responsibility to communicate the hazard of a hazardous substance defined as either a substance or a mixture by applying correct labelling and preparing Safety Data Sheet so that users or involved persons can work safely in any activities related to that particular substance. In this Notification, Thailand adopted Globally Harmonized System of Classification and Labelling of Chemicals (GHS) revision 2, 2012 by United Nation. Classification of chemicals is divided into 16 classes of physical hazards, 10 classes of health hazards, and 2 classes of environmental hazards. It is essential that laboratory personnel or other users of chemicals to comprehend about GHS in order to comply with the requirements of the Notification of Ministry of Industry.

2. Objective

This course is to provide knowledge about GHS in order to handle hazardous chemicals properly. Participants will have a chance to share experiences in order to apply their gained knowledge to work safety in their own laboratory.

3. Qualification of trainee

- Scientists, laboratory personnel or others involved working in laboratories from public and private sectors.
- Acquired at least a bachelor's degree or at least a 3-year experience working in chemical laboratories.

4. Course topics

Topic	Duration (hr.)
1. Situation of chemical management in Thailand : Concept on GHS	1.0
2. Hazard classification : Physical hazards	2.0
3. Hazard classification : Health and environment hazards	1.5
4. Hazard communication : Labelling and Safety Data Sheet	1.5
5. GHS Classification of Substance - Physical hazards	1.5
6. GHS Classification of Substance - Health and environment hazards	1.5
7. Labelling and Safety Data Sheet (SDS) : Group exercise	3.0
Total	12.0

5. Training method

Lecture 12.0 hr.

6. Duration of training

2 Days (6-7 July 2016)

7. Training Venue

Room 519 Level 5 Institute of Analytical Chemistry Training Building
Bureau of Laboratory Personnel Development, Department of Science Service
Ministry of Science and Technology, Bangkok 10400 THAILAND.
Tel. +66 2201 7435, +66 2201 7449
Fax. +66 2201 7461

8. Number of trainees

30 Persons

9. Trainer

Dr Asso Prof Sarisak Sunthornchai Sukhothai Thammathirat Open University

10. Program Advisor

Director of Bureau Laboratory Personnel Development

11. Program Managers

Miss Pattama Nopparat
Miss Natthakarn Ketkoom
Miss Paweena Kreunin

12. Certificate of Completion

The participant shall acquire a "Certificate of Completion" only if he/she attends more than 80% of the training course.

Training Program
 “Globally Harmonized System of Classification and Labelling of Chemicals”
 6-7 July 2016

Room 519 Level 5 Institute of Analytical Chemistry Training Building
 Department of Science Service

6 July 2016

Time	Topic	Trainer
09.00 - 10.00 AM	Situation of chemical management in Thailand : Concept on GHS	Dr Asso Prof Sarisak Sunthornchai
10.00 – 12.00 PM	Hazard classification : Physical hazards	Dr Asso Prof Sarisak Sunthornchai
12.00 – 13.00 PM	Lunch	
13.00 – 14.30 PM	Hazard classification : Health and environment hazards	Dr Asso Prof Sarisak Sunthornchai
14.30 – 16.00 PM	Hazard communication : Labelling and Safety Data Sheet	Dr Asso Prof Sarisak Sunthornchai

7 July 2016

Time	Topic	Trainer
09.00 - 10.00 AM	GHS Classification of Substance - Physical hazards	Dr Asso Prof Sarisak Sunthornchai
10.00 – 12.00 PM	GHS Classification of Substance - Health and environment hazards	Dr Asso Prof Sarisak Sunthornchai
12.00 – 13.00 PM	Lunch	
13.00 – 16.00 pm	Labelling and Safety Data Sheet (SDS) : Group exercise	Dr Asso Prof Sarisak Sunthornchai

Note: There will be refreshment breaks between 10.30-10.45 AM and 14.30-14.45 PM.