

**SHORT COURSE CERTIFICATE Reference 2106**

Name of the course	<b>Health and Safety (ສຸຂະພາບ ແລະ ຄວາມປອດໄພ)</b>	
Contact person	first name	Davone
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	phone	+856 20 22220 9822
Workload for participants	5 days a 8 hours	
Learning Outcomes (LO)	<p>After attending this course, participants</p> <ul style="list-style-type: none"> <li>- have a basic understanding of health risk related to plastic materials and plastic waste</li> <li>- are able to explain how plastic waste is released to the environment.</li> <li>- understand management systems for occupational health and safety.</li> <li>- are able to characterize procedures for the handling of hazardous waste</li> </ul>	
Target groups	<ul style="list-style-type: none"> <li>- Staff and managers of waste collection companies, waste recovery and waste recycling companies;</li> <li>- Students and lecturers in educational institutions;</li> <li>- Government staff working related to waste management.</li> </ul>	
Prerequisites	General knowledge of environment and health.	
Description of the course	<p>This course provides basic information about health and safety related aspects of plastic waste. The release and fate of plastic waste is described and impacts on the environment and health are explained. Management systems for occupational health and safety are explained along with risks, causes of incidents and audit procedures. A case study on hazards in plastic recycling gives more details. As a relevant component for health risks, the management of hazardous is explained, including legal aspects, classification, collection, storage, treatment, and disposal. A case study explains the management of hazardous waste at CITENCO</p>	
Overview of the syllabus	<ul style="list-style-type: none"> <li>- Toxicology and health issues (ppt slides)</li> <li>- Occupational health and safety (ppt slides)</li> <li>- Hazardous waste management (ppt slides)</li> </ul>	
Teaching and learning methods	Lecture, VDOs, group works, practical exercises, study tour and excursion.	
Assessment of LO	Pre-test and post-test; group work presentation	
Trainer	<ul style="list-style-type: none"> <li>• Dr. Davone Keomany</li> <li>• Dr. Chanda Vongsombath</li> <li>• Ms. Amphai Darasouk</li> <li>• Mr. Bounphak Laobriayao</li> </ul>	
Reviewer 1	Prof. Dr.-Ing. Kerstin Kuchta, Technical University Hamburg	
Reviewer 2	Prof. Dr. Sengprasong Phrakonkham, National University of Laos	
Date of Certification	2021-04-14	
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Vienna, 2021-04-14

Dr. Gerhard Schleining

