



**SEA-ABT**

Association for supporting education and training at the Academy for Beverage Technology

**SHORT COURSE CERTIFICATE Reference 2102**

Name of the course	<b>Circular Economic and unrecycled plastic reduction (Chuyên đề Kinh tế tuần hòa và giảm phát thải nhựa sử dụng một lần)</b>	
Contact person	first name	Hung Anh
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Workload for participants	8 days	
Learning Outcomes (LO)	After attending this course, participants - have a basic understanding of health risk related to plastic materials and plastic waste - are able to explain how plastic waste is released to the environment; - understand management systems for occupational health and safety; - are able to characterize procedures for the handling of hazardous waste	
Target groups	Government employees	
Prerequisites	basic knowledge about safety	
Description of the course	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.	
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	Module 1: Sorting wastes at sources and composting in households: Presentation and practice methods were used Module 2: Plastic waste management. Presentation was used	
Assessment of LO	Module 1: Sorting wastes at sources and composting in households: Presentation and practice methods were used Module 2: Plastic waste management. Presentation was used	
Trainer	<ul style="list-style-type: none"><li>• Prof. Le Hung Anh</li><li>• Phan Thi Phuong Trang</li></ul>	
Reviewer 1	Prof. Dr.-Ing. Kerstin Kuchta, Technical University Hamburg	
Reviewer 2	Dr. Sujitra Vassanadumrongdee, Chulalongkorn University, Bangkok	
Date of Certification	2021-04-14	
Expiration of Certification	2024-04-13	

Vienna, 2021-04-14

Dr. Gerhard Schleining

