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Essentials and Implementation of Biorisk Management

a.k.a. Biorisk Management Level 4
(SSG Course ID: TGS-2023038994)

Accredited by the International
Accreditors for Continuing Education
and Training (IACET)

WHO SHOULD ATTEND

- ✓ Biorisk Management Officers
- ✓ QA/QC Personnel
- ✓ Lab & Plant Personnel
- ✓ Safety Compliance Officers
- ✓ R&D Officers

DATE & TIME	24 July 2024 1:30pm to 6:00pm 25 to 26 July 2024 8:30am to 6:00pm
DURATION	2.5 Days
TRAINING MODE	Classroom
VENUE	Lifelong Learning Institute (Near Paya Lebar MRT Station)

VACANCY Limited to 25 pax
Tea-Breaks provided

COURSE FEE			
Full Fee	GST	Nett Fee after Funding (Incl. GST)	
		Baseline	MCES/SME
S\$1,150	S\$103.50	S\$678.50	S\$488.50

PAYMENT MODE Bank Transfer or PayNow

FUNDING AVAILABLE FOR corporate and individuals.
Visit the SkillsFuture website for further information.

20 SDU Points To Be Accredited By CPD Board

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OVERVIEW

In facilities dealing with biological hazards, it is essential for staff to learn how to mitigate and manage risk across their organizations. However, the landscape of regulations, guidelines, standards, and biosafety practices can be complex to navigate.

In this course, participants are guided through a comprehensive understanding of the key concepts related to biorisk management. The course provides a thorough discussion of national and international regulations, and distinguishes between the various components of safety protocols and incident reporting systems in a way that relates to staff at all levels. Through lively discussions, real-world examples, and knowledge-sharing, participants encounter a range of scenarios to support their learning and interpretation.

This course is suitable for staff from all levels who deal with biological hazards, particularly in industries such as pharmaceuticals, healthcare, and bio-research

LEARNING OBJECTIVES

Develop plans for addressing biorisks and review the implementation of controls.

Facilitate biorisk assessments and conduct management review programmes.

Develop training and communication programmes and implement improvements to biorisk systems to manage emergency responses.

COURSE OUTLINE

- Topic 1 Basics of Good Manufacturing Practices
- Topic 2 Introduction to biohazards, biosafety and biosecurity
- Topic 3 Performance Monitoring
- Topic 4 Introduction to hazard identification, risk assessment, risk mitigation strategies
- Topic 5 Biosafety and Biosecurity risk/threat assessment
- Topic 6 Risk assessment methodology based on WHO lab biosafety manual 4th Edition
- Topic 7 Risk mitigation strategies
- Topic 8 Specific lab SOPs (standard operating procedures)
- Topic 9 Continuous education and improvements





DR. VIJI VIJAYAN

Dr. Viji Vijayan has vast experience in managing laboratories in Singapore and she serves on several Biosafety Committees internationally. She works with international agencies like European Union CBRN Centers of Excellence; World Health Organization through their partner agencies; Global Affairs Canada; Health Security Partners and others to provide Biorisk Management training and consultation in many parts of the world. She also has a Master's degree in Human Factors and Systems Safety from Lund University in Sweden. These educational achievements, together with her vast expertise in the field of biorisk management, has allowed her to develop a unique set of skills that enables her to develop and implement biorisk management systems with a distinctive practical approach



MR. DAN YOONG

Mr. Dan Yoong has over 10 years experience in the design and construction of laboratories throughout Asia. He performs laboratory design services, engineering consultation, plan reviews and safety and health inspections for the government, universities and the private sector. He oversees laboratory planning, programming, construction, commissioning, validation and third-party certification activities for significant Biocontainment, Laboratory, Vivarium, and Healthcare projects in Asia for both primary and secondary containment. Mr. Yoong is also the approved Ministry of Health certifier for BSL-3 laboratories.



MR. DAMIEN CHEW

Mr. Damien Chew, a Singapore Ministry of Health's Approved Facility Certifier for Biosafety (AFC-Biosafety) under World Biohaztec Pte Ltd., has 15 years of experience designing and certifying over 50 controlled environment facilities, including BSL3, ABSL3, GMP-BSL3, vivarium (small animal, NHP), SPF-small animal, and BSL2-enhanced facilities. He has contributed to the development of biorisk manuals, SOPs, and lab procedures, and has provided training to facility personnel in biosafety practices. Additionally, Mr. Chew served as an external biosafety coordinator for an animal facility from 2020 to 2021.

