

WORKPLACE BIORISK MANAGEMENT - COURSE

See you in November!



- ★ Free copy of Legionella book & CD
- ★ Free information sheets
- ★ Free risk assessment checklist
- ★ Lucky draw: free air sampling training
- ★ Free invitation to new Aerogen Laboratory Launch & Social Cocktail
- ★ 15% discount for group bookings(>3)
- ★ CDP points!!!

OBJECTIVES

This course is designed to:

- enhance understanding of occupational exposures to biological agents,
- provide an overview of how to recognize or identify biohazards,
- assess and mitigate the risks as required by the Hazardous Biological Agents (HBA) Regulation (No. 22956),
- demonstrate monitoring of hazardous biological agents (HBAs),
- provide guidance on overall preventative strategies, and
- cover applicable testing modalities.

The course will be presented by occupational health experts with BioRisk Management experience; and combines lectures, demonstrations, problem solving and skills building through interactive group and individual activities.

WHO SHOULD ATTEND?

If any of the below poses a **CHALLENGE** to your HBA control strategy then this course is for you

- **R**egulation compliance requirements are challenging
- **I**mplementing HBA control measures are problematic
- **S**truggling with HBA risk assessments
- **K**nowledge on HBA sampling & identification is limited

VENUE:

Sunnyside Park Hotel, JHB

DATE:

20-24 November 2017

EXPECTED OUTCOMES

- To recognise sources of HBA exposure in the workplace.
- To conduct a comprehensive HBAs risk assessment in the workplace.
- To link the knowledge gained on BRM to HBA exposure in the workplace.
- To recommend intervention strategies for reducing or controlling workplace exposure.
- To select the appropriate sampling and analytical techniques for monitoring of various HBAs.
- To utilise the available expertise of Biorisk Management in South Africa.
- To enable the development and implementation of a Biorisk Management strategy for the workplace.

REGISTRATION FEE:

Early bird (before 10/10/17): R3200 | Standard (before 11-31/10/17): R3500 | Late (01-17/11/17): R3800



Time	Day 1: 20/11/'17	Day 2: 21/11/'17	Day 3: 22/11/'17	Day 4: 23/11/'17	Day 5: 24/11/'17	
8:00–8:30	REGISTRATION	Monitoring environmental HBA exposure <i>Ms Onnicah Matuka, NIOH</i>	Preventing respiratory infections: choosing the right respirator <i>Ms Jeanneth Manganyi, NIOH</i>	Hazardous biological waste management <i>Ms Mmashela Kgole, NIOH</i>	Risk assessment presentations <i>Group feedback</i>	
8:30–8:45	Welcome & Introduction <i>Dr Sophia Kisting, NIOH</i>					
8:45–9:15	Biorisk Overview Concepts of Biorisk Management <i>Dr Tanusha Singh, NIOH</i>					
9:15–9:45	Hazardous Biological Agents legislation HBA Regulation: challenges & recourse <i>Ms Jabu Mhlophe, Department of Labour</i>					
9:45–10:30	Biological disease epidemiology Occupational epidemiology: challenges with diseases caused by biological agents <i>Dr. Natalie Mayet, NICD</i>	Sampling demonstration: 1. Air sampling 2. Surface sampling 3. Water sampling <i>Demonstrations</i> <i>Mr Thabang Duba, Ms Lufuno Muleba & Ms Zethembiso Ngcobo, NIOH</i>	Respirator fit testing demonstration <i>Dikeledi Singo & Tebogo Maeteletja, NIOH</i>	TB & HIV Infection Prevention & Control <i>Dr M Zungu, NIOH</i>	Personal Testimonies	
10:30–11:00	Tea & Coffee Break					
11:00–11:45	Non-infectious HBA studies - what have we learnt about allergens in the workplace? <i>Prof Mohamed Jeebhay, UCT</i>	Lab analysis and consequence (measurement errors, QC) <i>TBA</i>	Legionella risk management <i>Mr Rob Stewart, NHL</i>	Risk assessment assignment <i>Group work</i>	Risk communication <i>TBA</i>	
11:45–12:30	Disease assessment strategies: modalities for investigation <i>Prof David Rees, NIOH</i>	Biorisk Mitigation Strategies Principles of hierarchy of control <i>Mr Moses Mokone, NIOH</i>	Reclaimed water: potential hazards <i>TBA</i>		BioRisk Management Strategy Plan <i>TBA</i>	
12:00–12:30	Biorisk Assessment Strategies	Airflow, CO ₂ , irradiance measurements <i>Demonstrations</i> <i>Mr Tebogo Nthoke & Mr David Rangongo, NIOH</i>	Water: Innovation & Technology <i>Mr Supreme Sebata, Johannesburg Water</i>		Course evaluation & closure	
12:30–13:00	Cross contamination practical <i>Ms Z Kirsten & E Ratshikhopha, NIOH</i>					
13:00–14:00	Lunch & Networking					
14:00–14:45	Hazardous biological agents risk assessment <i>Ms Onnicah Matuka, NIOH</i>	Designing workplaces for HBA control <i>Ms Peta de Jager, CSIR</i>	Biorisk Performance Strategies Health Protection of workers: monitoring vs medical surveillance <i>Dr Odette Volmink, NIOH</i>			ASPIRE Laboratory Launch Opening Speech <i>Dr Sophia Kisting</i>
14:45–15:00		Engineering approaches in mitigating risks <i>Mr Tobias van Reenen, CSIR</i>	Compensation of work-related diseases cause by HBAs <i>Dr Spo Kgalamono, NIOH</i>		ASPIRE <i>Dr Tanusha Singh, NIOH</i>	
15:00–15:30	Hazard Identification - Case studies & Presentations				Collaborative Research: CADRe <i>Mr Tobias van Reenen, CSIR</i>	
15:30–16:00	<i>Group work</i>	Effectiveness of UVGI in reducing transmission of HBAs <i>Dr Tanusha Singh, NIOH</i>	Occupational health and safety information system (OHASIS) <i>Mr David Jones, NIOH</i>		Ribbon cutting Lab Tour Social Cocktail 	
16:00–16:30		Planning for UVGI <i>Group exercise</i>				