

WORKPLACE BIORISK MANAGEMENT - COURSE

7 - 11 October 2019

Time	Day 1: 07/10/'19	Day 2: 08/10/'19	Day 3: 09/10/'19	Day 4: 10/10/'19	Day 5: 11/10/'19
8:00-8:15	REGISTRATION	Monitoring environmental HBA exposure <i>Ms Onnicah Matuka, NIOH</i>	Biorisk Mitigation Strategies Principles of hierarchy of control <i>Ms Karen du Preez, NIOH</i>	Preventing respiratory infections: choosing the right respirator <i>Ms Jeanneth Manganyi, NIOH</i>	Risk assessment presentations <i>Group feedback</i> Health Protection of workers: monitoring vs medical surveillance <i>Dr Graham Chin, NIOH</i> Compensation of work-related diseases caused by HBAs <i>Dr Lucas Mosidi, Department of Labour</i>
8:15-8:30					
8:30-8:45	Welcome & Introduction				
8:45-9:00	Overview & Concepts of Biorisk Management <i>Dr Tanusha Singh, NIOH</i>	Sampling demonstration: i. Air sampling	Designing workplaces for infection control <i>Ms Peta de Jager, CSIR</i>	Respirator fit testing demonstration <i>Ms Dikeledi Singo & Ms Tebogo Maeteletja, NIOH</i>	
9:00-9:15					
9:15-9:30	HBA Regulation: challenges & recourse <i>Ms Jabu Mhlophe, Department of Labour</i>	ii. Surface sampling	Ventilation, Indoor Air Quality and UV irradiance measurements <i>Demonstrations</i> <i>Mr I O Elimi, D Rangongo, NIOH</i>	Healthcare risk waste (HCRW) and waste legislation in South Africa <i>Ms Kathie Jansen, Dept of Health</i>	
9:30-9:45					
9:45-10:00	Cross contamination practical I <i>Ms Z Kirsten, L Singh, A Fourie, M Muvhali, NIOH</i>	iii. Water sampling			
10:00-10:15					
10:15-10:30	Cross contamination practical II <i>Ms L Muleba, Mr T Duba, NIOH</i>	iv. Allergen detection <i>Mr T Duba, Ms L Muleba & Ms L Singh, Ms M Muvhali Ms A Fourie, NIOH</i>			
10:30-11:00					
Tea & Coffee Break					
11:00-11:15	Occupational epidemiology: challenges with diseases caused by biological agents <i>Dr Natalie Mayet, NICD</i>	Reclaimed water: potential hazards <i>Mr Kerneels Esterhuysen, City of Tshwane</i>	Engineering for airborne infection control i. Ventilation	Viewing of Hand prints	Voices from the ground - personal testimonies <i>Audio visual</i> Strengthening TB & HIV risk management and responsibility in the workplace <i>Dr Muzimkhulu Zungu, NIOH</i> HBAs exposure: psychological impact <i>TBA</i>
11:15-11:30					
11:30-11:45					
11:45-12:00	Non-infectious HBA studies - what have we learnt about allergens in the workplace? <i>Prof Mohamed Jeebhay, UCT</i>	Legionella Risk Management in the workplace <i>Ms M Carrim, NICD</i>	ii. Standards	Risk assessments: field visits & assignment	
12:00-12:15					
12:15-12:30	Cross contamination practical II <i>Ms L Muleba, Mr T Duba, NIOH</i>	Disease notification <i>Group Exercise</i>	<i>Mr Tobias van Reenen, CSIR</i>	<i>Group work</i>	
12:30-12:45					
12:45-13:00	Hazardous biological agents risk assessment <i>Ms Onnicah Matuka, NIOH</i>	Quantitative Microbial Health Risk Assessment <i>Prof Bettina Genthe, CSIR</i>	Effectiveness of Air Cleaning Devices in reducing airborne HBAs <i>Dr Tanusha Singh, NIOH</i>		
13:00-14:00					
14:00-14:15			Planning for air disinfection: UVGI <i>Group exercise</i>		
14:15-14:30					
14:30-14:45	Hazard Identification - Case studies & Presentations <i>Group work</i>				
14:45-15:00					
15:00-15:15		Risk Based Water Quality Guidelines & demonstration of Microbial Risk Assessment tool <i>Ms' L Boyd & P Moodley, Golder Associates</i>	Skin barrier function against hazardous biological agents Selecting the right glove <i>Ms' A Fourie, M Muvhali, L Singh NIOH</i>		
15:15-15:30					
15:30-15:45					
15:45-16:00					
16:00-16:15					
16:15-16:30					
Lunch					
<div style="display: flex; justify-content: space-between;"> Overview & Legislation Epidemiology Assessment Monitoring Mitigation Risk assessments - site visits Performance </div>					