

WORKPLACE BIORISK MANAGEMENT WORKSHOP

DAY 1-09/09/2024



ONLINE SESSION



Description

Presenters

09:00 – 09:05	Welcome & Introduction	Mr Ashraf Ryklief
09:05 – 09:50	Overview and concepts of Biorisk management	Prof T. Singh
09:50 – 09:55	Group discussion	
09:55 – 10:40	OHS Act 85, 1993: Hazardous Biological Agents Regulation	Ms Jabu Mhlophe
10:40 – 10:45	Group discussion	
10:45 – 11:00	Tea	
11:00 – 11:45	Compensation for Work-related Diseases caused by Biological Hazardous Agents	Dr Lucas Mosidi
11:45 – 11:50	Group discussion	
11:50 – 12:35	Waste Legislation in SA	Ms Sheshe Kgole
12:35 – 12:40	Group discussion	
12:40 – 13:40	Lunch	
13:40 – 14:25	Occupational Epidemiology: challenges with exposure to HBAs	Mr Wayne Howard
14:25 – 14:30	Group discussion	
14:30 – 15:15	Non-infectious HBAs (allergens): what have we learnt?	Prof M. Jeebhay
15:15 – 15:20	Group discussion	
15:20 – 16:05	Premise plumbing opportunistic pathogens	Dr Noncy Gomba
16:05 – 16:10	Group discussion	
16:10 – 16:30	Wrap up	ALL

DAY 2- 10/09/2024



ONLINE SESSION

09:00 – 09:45	Concept of risk assessment and risk assessment framework	Ms Dikeledi Matuka
09:45 – 09:50	Group discussion	
09:50 – 10:35	Risk assessment tool	Ms Dikeledi Matuka
10:35 – 10:40	Group discussion	
10:40 – 10:55	Tea	
10:55 – 11:40	Principles of hierarchy of control for HBAs	Mr Gaby Mizan
11:40 – 11:45	Group discussion	
11:45 – 12:15	Skin barrier function against HBAs	Ms Anna Fourie
12:15 – 12:20	Group discussion	
12:20 – 13:00	Group Activity – case studies	ALL
13:00 – 14:00	Lunch	
14:00 – 16:30	Assignment: Conduct a site risk assessment at your workplace	PARTICIPANTS

DAY 3 - 11/09/2024**ONLINE SESSION****Description**

Presenter

09:00 – 09:45	Designing workplaces for Infection Control	Ms Peta De Jager
09:45 – 09:50	Group discussion	
09:50 – 10:35	Effectiveness of air cleaning devices in reducing airborne HBAs	Prof T. Singh
10:35 – 10:40	Group discussion	
10:40 – 10:55	Tea	
10:55 – 11:40	Standards: Ventilation and filtration	Mr Adaho Bilankulu
11:40 – 11:45	Group discussion	
11:45 – 12:30	Engineering for airborne infection control	Mr Zibusiso Masuku
12:30 – 12:35	Group discussion	
12:35 – 13:35	Lunch	
13:35 – 14:00	Recap: Polls	
14:00 – 16:30	Assignment: risk assessment report (should be submitted on the 23 September 2024)	Participants

DAY 4 - 12/09/2024**ONLINE SESSION**

09:00 – 09:45	Incident response and evaluation/investigation for HBAs (OHASIS)	Ms Sheshe Kgole
09:45 – 09:50	Group discussion	
09:50 – 10:50	Strengthening TB and HIV risk management-employer duty	Ms M.Malotle/ N.Mlangeni
10:50 – 11:00	Group discussion	
11:00 – 11:15	Tea	
11:15 – 12:00	Legal implications: workplace exposure to HBAs	Dr Obed Mphofu
12:00 – 12:05	Group discussion	
12:05 – 12:50	Mental health: Occupational exposure to HBAs	Dr Itumeleng Ntatamala
12:50 – 13:00	Group discussion	
13:00 – 14:00	Lunch	
14:00 – 14:45	Health Protection: workplace monitoring and medical surveillance	Dr Graham Chin
14:45 – 15:45	Risk assessment group presentation	ALL
15:45 – 16:30	Sum up and closing	

DAY 5- 13/09/2024



PRACTICALS

	Practicals: Air, bulk and, UV irradiance Cross-contamination, Microbiological sampling Respirator fit testing,	Mr T. Duba Ms L. Muleba, Mr T. Nthoke and Ms L. Sebola
09:00 – 12:00	Water sampling ASPIRE lab Molecular Lab analysis Hand hygiene, patch test Skin prick test	Ms L. Singh Mr A. Bilankulu Mr. R Mojapelo Ms A. Fourie Ms M. Muvhali
12:00 – 12:15	Course evaluation	
12:15 – 13:00	Lunch	
13:00 – 16:00	Written Assignment	

● END ● Break down:

15 hours lesson/contact time (online)

Practicals 3 hours (face to face)

Assignments 4.5h (off site)

Group discussions (polls) and case studies 6h (online)

Assignment 3 hours (face to face)

Total = 31.5 hours