



MiChem Dynamics
LEADING CHANGE

OCCUPATIONAL HEALTH AND SAFETY LABORATORY PRACTICES TRAINING

This comprehensive training course on Occupational Health and Safety (OHS) Laboratory Practices is designed to equip participants with the knowledge and skills necessary to ensure a safe working environment within laboratory settings. The course focuses on the specific hazards and risks associated with laboratory work, providing practical strategies for prevention, emergency response, and regulatory compliance.

Upon completion of the course, participants will be well-equipped to proactively identify and mitigate risks, promote a culture of safety within their laboratories, and ensure compliance with occupational health and safety regulations.



THE COURSE WILL RUN OVER A PERIOD OF 2 DAYS

LEARNING OUTCOMES:

- Have a basic understanding of the responsibilities in terms of the Occupational Health and Safety Act
- The requirements to ensure a safe working Environment and compliance to relevant legislation.
- Gain a solid understanding of the principles and fundamentals of Occupational Health and Safety within the context of laboratory practices.
- Understanding the process of identifying potential hazards specific to laboratory environments, conducting risk assessments, and implementing control measures to minimize risks to health and safety.
- Learn about the safe handling, storage, and disposal of chemicals commonly used in laboratories.
- Understand the principles of biological safety, including the handling of biohazardous materials, proper use of personal protective equipment (PPE), and procedures for minimizing the risk of laboratory-acquired infections.

WHO SHOULD ATTEND THIS COURSE:

- Laboratory managers / supervisors
- Analysts / technicians
- Technical signatories

MINIMUM ENTRY REQUIREMENTS:

- Fluency in English writing and reading skills

TUITION:

- Training material included (English)
- Certificate of attendance or competence (based on outcome of assessment) will be issued on successful completion of training.

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COURSE OVERVIEW:

DAY 1

- Culture of safety
- Overview of the Occupational Health and Safety Act and related legislation
- COID ACT overview
- Hazard identification and risk assessment
- General laboratory safety procedures

DAY 2

- Hierarchy of control
- Laboratory first aid requirements
- Laboratory hazards
- Fire safety
- Electrical safety
- Chemical agents
- Biological agents
- Physical hazards
- Auditing
- Test (assessment)

