



LABORATORY EXCELLENCE, SAFETY AND ACCREDITATION

Laboratory Safety and Biosafety Management

3 day course

Classroom, online or in-house

Course overview

Laboratory incidents are traced back to gaps in risk assessment far more often than to a shortage of rules, because the rules were written for the work as it was three years ago and nobody reassessed when the method changed. This course covers assessing the work that is actually done. Delegates work through chemical hazards including incompatible storage, the substances that should never share a shelf, and the fume hood that has not been tested. Biological hazards and containment levels follow, with the agent risk group deciding the controls. Sharps, bloodborne exposure and post exposure procedure are covered. Waste segregation, decontamination and autoclave verification are addressed. Emergency response including spills, fire and first aid is practised. The course closes on training, records and the incident investigation that changes a procedure.

What you will learn

- Reassess risk when a method changes rather than relying on old rules
- Store chemicals by compatibility and verify fume hood performance
- Match containment level to the agent risk group
- Prevent sharps injury and apply post exposure procedure
- Segregate waste, decontaminate and verify autoclave performance
- Respond to a spill, fire or exposure incident
- Investigate an incident so a procedure actually changes

Who should attend

- Laboratory safety officers and biosafety officers
- Clinical, research, and industrial laboratory staff
- Waste handlers and facility support personnel
- Occupational health and safety coordinators

Course outline

- 01 Rules written for work that has since changed
- 02 Chemical hazards and incompatible storage
- 03 Fume hoods and containment verification
- 04 Biological agents and risk groups
- 05 Containment levels and controls
- 06 Sharps, exposure and post exposure procedure
- 07 Waste segregation, decontamination and autoclaves
- 08 Emergency response, records and incident investigation

Upcoming dates

Dates	Venue	Format	Fee per delegate
4 to 6 November 2026	Johannesburg, South Africa	Classroom	R14,950
14 to 16 December 2026	Online	Online	R6,500
22 to 24 March 2027	Lagos, Nigeria	Classroom	USD 995

Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia,



Lesotho and Eswatini, and **USD 995** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriScience.co.za, or WhatsApp us on **+27 63 479 1136**.

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