

Radiation Safety

Health, Safety and Environment (HSE)

Course Overview

Radiation Safety: a 5-day professional training course from LTC Consultants, delivered in-classroom across Africa and live online.

What You Will Achieve

- Explain types of ionising radiation and how each is detected and stopped
- Distinguish real biological effects from common radiation myths
- Apply time, distance and shielding to keep doses as low as reasonably achievable
- Use dosimeters and survey meters correctly and interpret their readings
- Respond correctly to spills, lost sources and other radiation incidents

Who Should Attend

Radiation workers, radiation protection officers, safety professionals, NDT technicians, and supervisors in mining, healthcare and industrial settings where sources or generators are used.

Course Outline

1. Radiation physics without the mathematics
2. Biological effects: dose, risk and perspective
3. Regulatory framework and licence obligations
4. ALARA in practice: time, distance, shielding
5. Detection and monitoring instruments hands-on
6. Sealed sources, generators and contamination control
7. Transport, storage and security of sources
8. Emergency response: incidents and reporting

Upcoming Dates and Fees

DATES	VENUE	FEE (PER DELEGATE)
2 to 6 Nov 2026	Cape Town	\$1,650
16 to 20 Nov 2026	Lusaka	\$1,450
30 Nov to 4 Dec 2026	Maputo	\$1,650

LTC Consultants

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Every delegate receives a Certificate of Attendance. Group and in-house rates available on request.