



“...Protecting people and the environment against radiation effects...”

TRAINING COURSE: PERSONAL AND WORKPLACE MONITORING (DOSIMETRY)

Course Description:

A comprehensive training course on the two systems currently being in Zimbabwe for personal radiation monitoring namely, the Harshaw TLD and the Landauer OSL Reader systems. In addition, participants will gain understanding of the fundamental principles of Radiation Measurement and Occupational Radiation Protection requirements. Participants will also learn how to promote effective personal monitoring.

Target Audience:

Occupationally Exposed Workers (e.g Radiographers, X-ray Operators, Engineers), Radiation Safety Officers, SHEQ officers and all other users of radiation technologies.

Course Dates and Venue: 19-20 October 2021, Bulawayo

Training Course Costs: ZWL\$35000

| Course Content | |
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| Individual Monitoring and Worker Protection | <ul style="list-style-type: none"> • Introduction & Objectives of Individual Monitoring • International Standards/Standard Requirements • National requirements on Occupational Radiation Protection. • Exposure Situations and Locum Workers • Reference Levels and Overexposure • National Dose Registry and Record Keeping • Q&A, Practical Exercises |
| Thermoluminescence Systems | <ul style="list-style-type: none"> • Basics of Thermoluminescence • Dosimeter Configurations and Applications • Calibration facilities and QA procedures |
| Optically Stimulated Luminescence Systems | <ul style="list-style-type: none"> • Basics of Optically Stimulated Luminescence. • Dosimeter Configurations and Applications • Calibration facilities and QA procedures |
| Workplace Monitoring | <ul style="list-style-type: none"> • Proper use and care, Non/late dosimeter submission • Workplace Monitoring Instruments • Q&A, Practical Exercises |

Training fees cover for conferencing and materials for participants.

Booking:

Contact Radiation Protection Authority of Zimbabwe at:
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