

**RADIATION SAFETY PROGRAMME: AUDITS & INSPECTIONS
(PROGRAM KESELAMATAN SINARAN: AUDIT & PEMERIKSAAN)****INTRODUCTION**

As we know, Radiation Safety Programme is a comprehensive programme designed to ensure the safety and well being of the community and a healthy and safe environment in each organization. All matters regarding the programme are managed through Radiation Protection Officer (RPO). The RPO prepares an annual audit of the Radiation Protection Supervisor (RPS) activities as required by the regulatory body. In accordance with regulatory requirements, RPO must ensure that all radiation program audits are performed according to procedures established by regulatory body. Any noncompliance issues found during the audit must be corrected and documented. The RPO must review any corrective actions taken to ensure the safety and wellbeing of the community who deal in Radiation for a healthy and safe working environment.

OBJECTIVES

- To provide knowledge and exposure on the importance of audit / inspection in the field of radiation safety
- To describe the processes, methods and tools involved in the audit / inspection process
- To explain the method of reporting the findings of audit / inspections

OUTLINE

This course will make participants aware of the important issues involved in radiation protection and safety such as Radiation Protection Program, radiation source inventory, job security analysis, record keeping and related acts. It also help participants understand the processes involved in the audit / inspection and the appropriate methods and tools used to conduct the audit/inspection leads to the correct way to report audit / inspection findings.

CONTENTS

- Overview of Radiation Protection Programme
- Occupational Protection & Safety of Radiation Sources
- Inventory of radiation sources
- Job Safety Analysis
- Record Keeping
- Introduction of Radiation Safety Audit & Inspection
- Occupational Safety & Health Act (Act 514)
- Atomic Energy Licensing Act (Act 304) and its Regulations
- Qualification and Training of Audit / Inspection Personnel
- Preparation for Radiation Safety Audit / Inspection
- Radiation Safety Audit / Inspection Methods and Tools
- Reporting The Audit / Inspections Findings

METHODOLOGY

- Participative lecture
- Case study
- Exercise
- Discussion
- Demonstration
- Visit

WHO SHOULD ATTEND

Radiation protection officer (RPO), radiation protection supervisor (RPS), safety officer, radiation worker, radiologist, x-ray operator, supervisor, technologist, technicians, laboratory assistant and those who are involved and interested in radiation safety management audit & inspection.

YOUR INVESTMENT

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