



3RD RADIATION PROTECTION SAFETY AND SECURITY TRAINING

**3-7TH DECEMBER 2018,
KEBS MOMBASA OFFICE**

IN PARTNERSHIP WITH



The 1st radiation protection and safety

INTRODUCTION

Due to technological advance and increase in demand for radiation application, so does the likelihood for hazards. Therefore , radiation applications must be standardized to enhance quality of life and safety of users, public and environment.

COURSE OBJECTIVE

To develop and strengthen capability on safe use of radiation in view of the emerging trends, and challenges in standardization of radiation protection, safety and security matters.

COURSE OVERVIEW

The course duration is five days .The training will consist of lectures in form of technical presentation by experts, practical demonstration and hands on exercises



SECONDARY STANDARDS DOSIMETRY LABORATORY

CONTENT

1. Course work

- Basic physics and ionizing radiations
- Biological effects and risks
- Radiation legislation and regulation
- Principles of protection
- Radiation safety philosophy
- Dosimetry
- Non-Destructive testing
- Radiation measurement and monitoring
- Radiation application
- Radiation security
- Quality assurance and control
- Maintenance of radiation equipment
- Naturally occurring radionuclides in environmental and NORM
- Radiation application in research
- Industrial radiography
- Role of the RSO
- Nuclear power program
- Leadership and management in radiation application
- Emerging threads and challenges

2. Industrial visit

- Southern Engineering CO Ltd.(SECO)
- Kenya pipeline
- Kenya maritime Authority

VENUE

Training to be conducted at KEBS Mombasa training Hall.

TARGETED SECTOR

- Radiation service providers
- Radiation food processing
- Security agencies
- Aviation industry
- Road construction
- civil engineering work
- Industrial Radiography
- Nuclear power
- Manufacturer's
- Environmental
- Public health and safety
- Agriculture
- Academic and research institutions
- Cement industries
- Mining industries
- Non destructive testing
- Regulators
- Research institutions
- Laboratory Analyst
- Metrologist

TRAINING PARTNERS



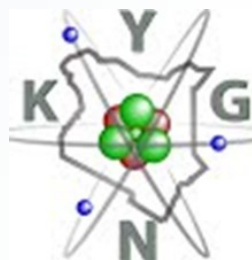
University of Nairobi



Kenya Radiation Protection Board



National Commission for Science, Technology and Innovation



The Eastern African Association for Radiation Protection (EAARP)

WHAT IS RADIATION PROTECTION SAFETY AND SECURITY TRAINING ?

Radiation protection safety and security is a qualification that demonstrates that the person holding the qualification has been adequately trained in the hazards associated with ionizing radiations, in the precautions to be taken when employing ionizing radiation, and in the

REGISTRATION

Fee : **KES 30,000 + 16% VAT**

Course fee exclusive of transport and accommodation expenses.

Kindly fill the training registration form that can be accessed from www.kebs.org and email the form to cyallar@kebs.org

Deadline of registration is 30th November 2018