

UPCOMING NATIONAL TRAINING COURSES TO BE OFFERED BY TAEC FROM JULY 2022 TO JUNE 2023

S/N.	Title	Description	Duration	Audience	Place	Settings	Date
NT01	National Training Course on Radiation Protection for users of Nuclear Gauges	The course provides participants with awareness and knowledge on the safe operation of nuclear gauges while in operation, handling and storage	5 days	Professionals working with nuclear gauges in industries, construction and non-destructive testing	DSM	The training will involve lectures, discussions and practical demonstration on the safe use of the nuclear gauges	July 2022
NT02	National Training Course on Radiation Protection and Safety of Luggage and walkthrough Scanners	The course provides participants with instructions on safe operation of Luggage and walkthrough scanners and metal detection,	5 days	Professionals working in Security field (Police, intelligence)-X-Ray Baggage scanning at the -Airports, -Postal Offices -Hotels and -Storage facilities	Arusha	The course specifically for Workers operating Baggage Scanners and Metal detectors at airports, hotels and storage facilities. The course will consist of lectures and group exercises. During the course, the participants will apply the course concepts and principles through practical exercises.	August 2022

NT03	National Training Course on Occupational Radiation Exposure in the Mining and Processing of Minerals with Naturally Occurring Radioactivity	The course provides overview on the Scientific knowledge of Sources of the NORMs and Exposure in Mining and Processing of Minerals and Safety in Mining Industry	5 days	The course is intended for workers in the mining industry (e.g. miners)	Arusha		August 2022
NT04	National Training Course on Applications of Radiation Technology for Non Destructive Techniques	The course provides general knowledge on Safe Use of Radiation Sources in Industrial Radiography, X-rays, XRD Gauges, Road Construction	5 Days	The course is intended for professionals performing NDT in - Research - Cement factories - Schools - Road constructions companies - Mining - Research and teaching -Laboratories -Breweries and beverage industry	Arusha		September 2022

NT05	National Training Course on Safe Handling and Transport of Class 7: Nuclear and Other Radioactive Materials	The purpose of the course is to introduce participants with key issues related to international regulations on Safe Transport of Class 7, Handling and Storage of hazardous Packages containing Nuclear and Radioactive Materials.	5 days	The course is intended for- Clearing and Forwarding Agents, - Port Management -Transport Companies	DSM		October 2022
NT06	National Training Course on Nuclear Security Culture	The course will provide an overview of Nuclear Terrorism Threat. Assessment, Safety Concepts; and Fundamentals of Prevention Detection and Response to Nuclear incidents	5 Days	The course is intended for- Police -Military -Intelligence -Customs -Immigration -Fire	DSM		November 2022
NT07	National Training Course on Radiation Safety of X-ray Generators and other Radiation Sources Used for Medical Human Imaging	The course will provide professionals from Radiology and Non Medical Imaging with hands-on training to update their theoretical knowledge and to improve their	5 days	Professionals working with X-rays in Medical Human Imaging -RSO Radiographers -Physicists -Medical	Arusha	The course will consist of lectures and group discussions. During the course, the participants will apply the course concepts and principles through	December 2022

		practical skills with regard to conducting current best practice on Diagnostic Radiology, Medical Imaging and Quality management		Doctors		practical exercises.	
NT08	National Training Course on Use of Radiation Portal Monitors (RPM) for Assessment of Radiation Sources Masked in Shipping Containers at Entry Points	The Course provides participants with Techniques to Identify Undeclared Radiation Sources in Shipping Containers and Interpretation of related X-rays Images	3 days	The course is intended for - Customs, - Port Authority - Police, - Intelligence - Fire	DSM	The Course will provide practical exercises, team discussions and interactions.	February 2023
NT09	National Training Course on Testing, Calibrating and Maintaining hand held Detection Instruments	The course provides overview on the scientific and technical basis on sustainable use of measuring Equipment.	5 days	The course is intended for institutions possessing radiation detection equipment	Arusha		February 2023
NT10	National Public Awareness and Media Training Course	The course will provide training to journalists and members of the media to build their knowledge on	5 Days	This is a knowledge-based training to journalists and media in	Arusha		March 2023

		reporting issues related to nuclear matters and to ensure correct informing the public and conduct necessary training with clearing and forwarding agents for compliance and discuss challenges faced on compliance with the atomic act 2003		general			
NT11	National Training Course on Good Practice in Storage and Management of Materials or Wastes with Radioactivity	The course provides technical basis on how to use and to handle radiation sources in use and preparation for the sources for disposal.	5 days	The course is intended for workers dealing with unsealed sources e.g. - Nuclear medicine (ORCI, BMC, NAIC) ,RIA, Research and teaching, etc.	Arusha		April 2023
NT12	National Training Course on Use of Hand Held	The purpose of the course is to provide knowledge on the	5 days	The course is intended for institutions	Dodoma		May 2023

	Equipment for Detection of Radiation Sources	use of PRD, RID, and NSD instruments for detection of risk sources and Management of Sources		possessing detection equipment e.g.- Police -Clearing Agencies -Military -Fire -Customs -Security -Port Authority			
NT13	National Training Course on Search and Secure of Radiation Sources	The course provides knowledge on how to search and recover Materials Outside regulatory Control (MORC) from scrap metals and old premise	5 days	The course is intended for FLOs (Police, Intelligence, Fire, Military, etc.)	DSM		May 2023
NT14	National Training Course on Radioactive Material Management and Control	The course provides laboratories using Open Sources concepts of Nuclear Material Control & Accountancy	5 Days	The course is intended for Nuclear Medicine Laboratories (ORCI, BMC, Aga Khan Hospital, etc.)	DSM		June 2023
NT15	National Training Course on Testing, Calibrating and	The course will consist of lectures and group exercises.	5 Days	The course is intended for FLOs	Arusha		June 2023

	Maintaining Detection Equipments	During the course, the participants will apply the course concepts and principles through practical exercises.					
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