



Course Title	Radiation Safety Course – Commercial Sale Involving Radioactive Materials and Low Activity Sources (RSC-CL)
Duration	Face-to-Face: 2 days (16 hours); 8:00 – 5:00 pm Online: 4 days (16 hours); 8:00 am – 12:00 pm
Target Participant	For individuals involved in the acquisition and possession of radioactive materials (RAM) and devices containing RAM intended for commercial sale and distribution; and those involved in the use of Category 5 radioactive sources, e.g., Ni-63 in ECD, XRF analyzers, calibration/standard sources used in research and education. At least ten (10) participants are required to push through with the course. A maximum of thirty (30) participants will be accepted.
Pre-requisite	Background in basic algebra and has finished at least two years in college.
Goal	To enable participants to acquire a sufficient level of understanding/skills in the following areas: (1) basic radiation and radioactivity concepts; (2) fundamentals of radiation safety and security; (3) regulatory requirements; and (4) development and implementation of a radiation safety program applicable to their practice.
Objectives	At the end of this course, participants are expected to: 1. Recognize the different ionizing radiation hazards. 2. Explain and apply the basic principles of radiation protection. 3. Identify the parts and sections of the CPR which applies to their activity involving radioactive materials. 4. Develop a radiation safety program appropriate for their activity.
Nature and Scope	This course consists of lectures, exercises, workshops, and examinations. The participant's understanding of the subject matter presented will be assessed through the following: 1. Posttest (65%) 2. Exercises (20%) 3. Attendance (15%) A certificate of completion will be issued to each participant with an overall grade of at least 75%.
Application Requirements	(1) NTC Online Application; (2) Recommendation Letter to attend the course from Supervisor; (3) 1x1 ID picture; (4) Training Fee of Php 2,500.00
Content	The Atom Radioactivity Biological Effects of Ionizing Radiation Basic Principles of Radiation Protection Control of External Radiation Exposure Exercise: Use of Radiation Monitoring Instrument Applicable Parts of CPR Licensing Requirements Duties and Responsibilities of RSO Emergency Procedures During Transport of RAM Development of a Radiation Safety Program