



Course Title	Training Course on Radiation Protection for Radiation Protection Officers of Industrial X-Ray Facilities (TC-RPRIXF)
Duration	Face-to-Face: 3 days (24 hours); 8:00 – 5:00 pm Online: 5 days (24 hours); 8:00 am – 2:00 pm
Target Participant	For personnel involved in the operation of an Industrial X-ray facility. A minimum of ten (10) participants is required to push through with the course. A maximum of thirty (30) participants will be accepted.
Pre-requisite	The participant should have had a formal education to a level equivalent to a University degree, preferably in physics, chemistry, life sciences or engineering.
Goal	To enable the participants to acquire sufficient level of knowledge and understanding in the following areas: basic concepts of radiation physics, radiation biology and radiation protection; pertinent rules and regulations regarding operations of X-Ray facilities; components of a radiation safety program; and responsibilities of a radiation protection officer.
Objectives	At the end of this course, the participants must be able to: 1. Establish and implement a radiation safety program for an X-Ray facility; 2. Conduct a radiation safety training program for the operators; and 3. Formulate/draft a radiation protection manual.
Nature and Scope	This course consists of lectures, exercises, and examinations to be facilitated by PNRI lecturers and guest subject matter experts. A Certificate of Completion is given after the course to participants who passed the written examination with at least 90% attendance and have submitted a manual on radiation protection for his/her Industrial X-Ray facility.
Requirements	(1) NTC Online Course Application; (2) Recommendation Letter to attend the course from Supervisor; (3) 2X2 ID picture (4) Training Fee of Php 4,200.00; 20% Discount Php 3,360.00 for PWD / Senior Citizen / Student (upload Valid ID)
Course Content	<ol style="list-style-type: none"> 1. Basic Nuclear Physics 2. Interaction of X-Ray Radiation with Matter 3. Quantities and Units Used in Radiation Protection 4. Radiation Detection and Measuring Instruments (with Practical Demonstration) 5. Biological Effects of Ionizing Radiation 6. Principles of Radiation Protection and the International Framework 7. Radiation Control and Handling Practices 8. Emergency Planning, Procedures, Preparedness, and Response 9. Legal Framework for Radiation Protection 10. FDA Authorization Requirements for Authorization of Radiation Facilities 11. Applications of Industrial X-Rays 12. Preparation of a Radiation Protection Manual

To apply for a course,
 scan me



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