



اوتوريٽي كڤسائن كسلامتن
كصين دن عالم سكيتر
Safety, Health and Environment
National Authority

RADIATION TECHNICAL NOTE

TOPIC COURSE SYLLABUS: RADIATION PROTECTION ACT (CHAPTER 228) (RPA) AS WELL AS SHENA'S REQUIREMENTS UNDER THE RPA IN RADIATION-RELATED TRAINING COURSES				Reference Number 2024/RTN/02
Approved by: Acting Director of Compliance & International Division	Endorsed by: Acting Interim CEO	Issue date: 10 May 2024	Expiry date: None	Revision No: 1

Purpose: This Radiation Technical Note (RTN) serves to update stakeholders who have dealings and engagements with radiation matters under the Safety, Health and Environment National Authority (SHENA). **This Radiation Technical Note to Radiation Licensees is effective from 10th MAY 2024.**

SHENA is pleased to announce that the topics on the Radiation Protection Act, Chapter 228 will be covered in the radiation-related training courses by SHENA's Approved Training Providers that can be found in **Appendix A** of this RTN. The training course is aimed to provide learners with a good understanding of Brunei Darussalam's Radiation Protection Act as well as the requirements under SHENA.

Approved Training Providers (ATP) who intend to deliver the training course must register with SHENA using the [online form](#) available on the SHENA website which can be found under the 'Licenses & Registrations' tab.

Once the submission is made, SHENA will then review and update the status of the application accordingly. Upon approval of the submitted application, the ATP will receive a letter of approval from SHENA that will allow the ATP to run the training course using the syllabus as attached in **Appendix A**. SHENA will also publish the list of ATP with the qualified trainers for public viewing on SHENA official website www.shena.gov.bn.

SHENA would also like to remind all stakeholders that no ATP is permitted to run the training course syllabus until an approval letter is obtained from SHENA. Any ATP that fails to adhere to the requirements above may be subjected to suspension of the approval given as an ATP with SHENA as per Section 35 of the Workplace Safety and Health Order, 2009.

Should there be any further clarifications be required on this matter, please email your enquiries to wshapplication@shena.gov.bn or contact the SHENA office general line at + 673 238 2000 / +673 272 2200 anytime during office hours.

APPENDIX A

TRAINING COURSE INFORMATION

TITLE OF TRAINING COURSE	RADIATION PROTECTION ACT, CHAPTER 228, (RPA)
AIM	TO PROVIDE LEARNERS WITH A GOOD UNDERSTANDING OF BRUNEI DARUSSALAM'S RADIATION PROTECTION ACT AS WELL AS SHENA'S REQUIREMENTS
OVERALL OBJECTIVES	<ul style="list-style-type: none">▪ UNDERSTAND THE RPA▪ ABLE TO FLUENTLY EXPLAIN SALIENT LEGISLATION AND ITS REQUIREMENTS RELEVANT TO RADIATION PROTECTION
VALIDITY	NONE

NO.	TOPIC	SYLLABUS CONTENT	LEARNING OBJECTIVES	REFERENCE/ RESOURCE
1	Radiation Protection Act, Chapter 228	<ol style="list-style-type: none"> 1) Definitions of: <ul style="list-style-type: none"> • Controlled apparatus • Ionising radiation • Licence • Licensee • Radioactive material • Radioactive waste 2) Control of import, export, etc. of radioactive materials (Section 6) 3) Control of import, export, etc. of controlled apparatus (Section 7) 4) Duties of licensees to employees and third parties (Sections 10 & 11) 5) Disposal of radioactive waste (Section 12) 6) Accumulation of radioactive waste (Section 13) 7) Transport of radioactive waste (Section 15) 8) Maintenance of records etc. (Section 16) 9) Offences for contravention of the Act 	<p>To be able to:</p> <ol style="list-style-type: none"> 1) Explain the definitions under the Act. 2) Identify the radiation activities required to be licensed involving radioactive materials. 3) Identify the radiation activities required to be licensed involving controlled apparatus. 4) State the duties of licensees to employees and third parties in relation to radiation protection and safety. 5) State the requirement prior to disposal of any radioactive waste. 6) State the requirement prior to the accumulation of any radioactive waste. 7) State the requirement prior to the transport of any radioactive waste. 8) State the requirement of the licensee to keep and maintain information and documents related as required by the Authority. 9) Identify the offences for contravention of the following: <ul style="list-style-type: none"> ▪ Conduct of radiation activity without a licence. ▪ Failure to give notice to the Authority of sale, purchase or disposal of any radioactive materials and controlled apparatus. ▪ Disposal, accumulation, and transport of radioactive 	<p style="text-align: center;"><u>Radiation Protection Act, Cap 228</u></p>

			<p>waste without prior written approval; and</p> <ul style="list-style-type: none"> ▪ Failure to comply with a remedial order or stop-work order. 	
2	Radiation Protection Programme (RPP)	<p>Basic Elements of a Radiation Protection Programme are as follows (but are not limited to):</p> <ol style="list-style-type: none"> 1) Leadership and Management for Safety. 2) Roles and Responsibilities. 3) Worker Competency Programme. 4) Exposure Limit. 5) Personal Monitoring Programme. 6) Health Surveillance. 7) Radiation Operating Procedures. 8) Quality Assurance. 9) Security Plan. 10) Emergency Preparedness and Response. 11) Disposal Plan. 12) Record Keeping. 13) Reference Documents. 	<p>To be able to:</p> <ol style="list-style-type: none"> 1) Outline the basic elements of a Radiation Protection Programme. 	<p><u>Guidelines On Radiation Protection Programme (RPP) Requirements</u></p>
3	Roles and Responsibilities	<p>Roles and Responsibilities of Radiation Protection Officer (RPO)</p>	<p>To be able to:</p> <ol style="list-style-type: none"> 1) Outline the roles and responsibilities of the Radiation Protection Officer (RPO). 	<p><u>Roles and Responsibilities of Radiation Protection Officer (RPO)</u></p>

END