

RSH 300E

Radiation Protection for Officer

THIS COURSE CAN
BE CONDUCT ONLINE

CLASSROOM COURSE

VENUE :
HGS PAKA
TERENGGANU /
EAST COAST

INTRODUCTION

The course on radiation safety is primarily directed to the protection of workers, members of the public and the environment by emphasizing aspects of radiation protection and safety, in line with the requirement of the Atomic Energy Licensing Act 1984 (Act 304). The increasing use of ionising radiation in various sector-industry, medical, manufacturing, agriculture, research, etc- demands a comprehensive implementation of the use of ionising radiation to have a radiation protection officer and properly trained radiation workers. It is envisaged that this training programme would raise the radiation safety practice to the highest possible level and at the same time would leads to the development of safety culture in an organization. The course is aimed to provide platform and preparing a personnel for a career in radiation related position/task such as Radiation Protection Officer or Radiation Protection Supervisor.

COURSE CONTENT

● MODULE 1 : RADIATION SAFETY (7 DAYS)

Module 1 has been established to cover all aspects of radiation safety related to the use of ionising radiation in various sectors leading to the good radiation protection practice at a workplace.

- Understanding the philosophy and principles of radiation protection. Creating awareness on biological effects and the risks of ionizing radiation. To improve the capabilities, enhance skills and knowledge thus contributing to the proper radiation safety practice. Learning the right and proper procedures in controlling the radiation exposure to the radiation workers

Course Content

Basic Information on Ionising Radiation, Principles of Radiation Protection, Biological Effects of Ionising Radiation, Radiation Measurement and Monitoring, Working Procedures in Handling the Irradiation Apparatus and Radioactive Materials, Transportation of Radioactive Materials, Management of Radioactive Wastes, Plan and Procedures for Radiological Emergencies, Atomic Energy Licensing Act and Radiation Protection Regulation Radiation Protection Organisation and Programme, Radiation Safety Audit

● MODULE 2 : ELECTIVE SUBJECTIVE (2 DAYS)

Module 2 is to equip the candidate with the radiation protection aspects in a specific sector. To qualify as a radiation protection officer (RPO) candidate must attend both modules, namely Module 1 and any one of the selected Sub-module 2, depending on the nature job of the candidate.

Industrial Cluster

- Category 1: Radiation Processing
- Category 2: Industrial Radiography
- Category 3: NORM/TENORM, Nuclear Gauging

Course Objective

- To provide better understanding on radiation safety and procedures applicable to the specific sectors.
- To gain knowledge on operational aspects of the specific instruments including principles of operation, application, techniques and safety measure
- To equip the participants with the necessary required of RPO

QUALIFICATION FOR EXAMINATION

- Minimum requirement to participants seat the examination conducted by AELB is
- Diploma in Engineering or Science,
- Those who want to be a RPO in Industrial Radiography, they must have certification of attendance Radiography Testing (RT) Level 2.

COURSE CONTENT

- Safety Working Procedures in Specific Category
- Plan Emergencies Procedures in Specific Category
 - Safety and Security in Specific Category
 - Demonstration / practical in Specific Category

WHO SHOULD ATTEND

Those who are going to be qualified as radiation protection officer (RPO) and radiation protection supervisor (RPS), safety officer, engineering, manager, lecturer, supplier, medical officer, and those who are responsible for the safe use of ionising radiation in various activities.

METHODOLOGY

Participative Lecture, Practical, Demonstration, Role Play, Discussion, Case Study

HRDF CLAIMABLE

CEP
(AELB CATEGORY
1-61 POINTS
2-58 POINTS
3-58 POINTS)

PAYMENT	FEES AT PENINSULAR MALAYSIA
CLASSROOM COURSE FEE	
Single Registration per pax	RM 2615.00
Team Discount per pax	RM 2480.00
ONLINE COURSE FEE	
Single Registration per pax	TBA
Team Discount per pax	TBA

An Associated Programme of



Closing Date:
1 WEEK BEFORE
COURSE DATE



Contact person
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Office email :
info@hgsolution.com.my
Office phone :
03-8926 7102 / 7103

Training Coordinator

Ms. Sofea
+6019 - 698 3217
training@hgsolution.com.my

Yes! I am interested. Please register me for the RSH 300E programme Year 2022

Classroom course : ☐ 28 Mac-7 Apr ☐ 16-26 May ☐ 5-15 Jun ☐ 17-27 July

Online course : ☐ TBA

Payment (please tick) : ☐ SBL-KHAS ☐ Pay By Company

CONTACT PERSON

Name	
Company	
Address 1	
Address 2	
Tel	
E-mail Address	

No	Participant Name	I/C No	E-Mail	Contact	Designation
1					
2					
3					
4					
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9					
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Team Discount per pax	TBA



*This Course Can
Be Conduct Online*

"No refund for notice of cancellation received less than 5 days prior to the event date"

Certification will be issued by Malaysian Nuclear Agency