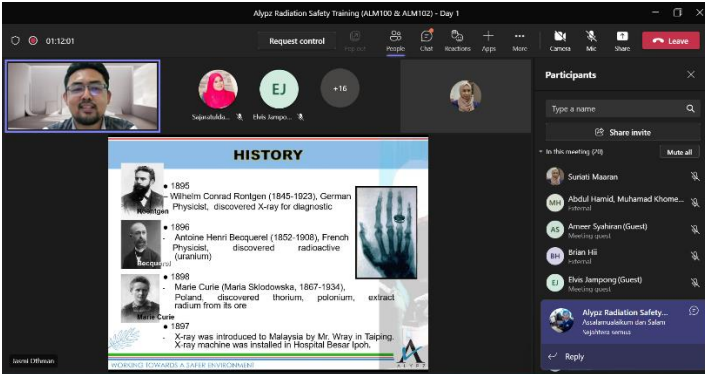


WORKING TOWARDS A SAFER ENVIRONMENT

# PROGRAM

# 2023



ALYPZ  
RADIATION SAFETY  
HEALTH, SAFETY & OCCUPATIONAL  
TRAINING



AELB CEP POINTS  
AWARDED

# WORKING TOWARDS A SAFER ENVIRONMENT



## ALYPZ MISSION

To be one-stop solution provider for occupation health, safety, security and environment assessment, certification, and advisory services.



## ALYPZ VISION

To help customers creating a safe and secure environment for their employees, business partners and communities around them by delivering quality services and industry relevant best practices.

Alypz evolved into provision of radiation protection consultation, management of radiation facilities and radioactive materials and audit on irradiating apparatus for medical facilities.

With our years of experience and available resources, Alypz has demonstrated its excellent ability to become a respected company, serving international corporations such as PETRONAS, SHELL, TOTAL, ExxonMobil, Kuwait Oil Company (KOC) and healthcare companies such as KPJ, Gleneagles and IHH Healthcare in providing a holistic management of health, safety, security, and environment (HSSE) at their workplace.

# ALYPZ SERVICES



## RADIOLOGICAL SERVICES

- i. Radiation and Environmental Assessment Programme
- ii. TENORM/LSA Monitoring
- iii. TENORM Decontamination Services
- iv. Radiological Impact Assessment
- v. Radiation Safety Analysis
- vi. Radioactive Balance Analysis



## RADIATION SAFETY SERVICES

- i. Radiation Protection and Consultancy Services
- ii. Radiation Leak Test Services
- iii. Radiation Protection Program
- iv. Radiological Emergency Plan
- v. Radioactive Security Plan
- vi. Import/Export & Transportation of Radioactive Materials



## INDUSTRIAL HYGIENE SERVICES

- i. Chemical Health Risk Assessment (CHRA)
- ii. Chemical Exposure Monitoring (IH1)
- iii. Local Exhaust Ventilation Inspection (IH2)
- iv. Indoor Air Quality Assessment (IAQ)
- v. Noise Exposure Monitoring (NRA)



## LABORATORY SERVICES

- i. Radioactivity Analysis Laboratory
- ii. Radiation Dosimetry Services Laboratory



## TRAINING SERVICES

- i. Radiation Safety Awareness Training
- ii. TENORM Safety Awareness Training
- iii. Radiation Protection Training for Officers
- iv. HAZMAT Awareness Training
- v. Continuous Medical Education (CME)



## EQUIPMENT SUPPLIES

- i. Radiation Monitoring Equipment
- ii. Scientific Laboratory Equipment
- iii. Medical Equipment



## MEDICAL RADIATION SERVICES

- i. Quality Assurance Tests and Certification for Diagnostic Radiology Facilities,
- ii. Quality Assurance Tests for Associated Facilities
- iii. Leak Test for Sealed Source (Healthcare)



## PRODUCTION SURVEILLANCE SERVICES

- i. Field Operations i.e., Onsite Real-Time Contaminants Sampling and Analysis
- ii. Mercury Integrated Services
- iii. Hazardous Material Decontamination Services
- iv. Hazardous Waste Management



# ALM100 RADIATION SAFETY AWARENESS TRAINING KURSUS KESEDARAN KESELAMATAN SINARAN



## Introduction

Alypz Sdn Bhd is a licensed training and consultancy agency approved by the AELB, Malaysia. We provide training and consultancy services for the sectors involved with radioactive materials and irradiating appliances.

The course provides the fundamentals of regulatory requirements, policies, and implementation practices for working with and supervising those who work with radioactive materials and irradiating appliances. The aim of this safety awareness training program is to help participants provide a safe environment for employees working in their organizations.

## Who Should Attend

Company RPO, radiation workers, AELB License Holder (OBTL), radiographer and researchers, personnel dealing with radiation material, equipment & TENORM, any employee who are interested in radiation protection / safety awareness.

## Methodology

- Participation Lecture
- Demonstration
- Discussion

## Course Objectives

- Understand the best practices of protection from radiation risks and accidents
- Have detailed knowledge and understanding of ionizing radiation and their hazards and risks to our health
- Understand the legal requirement under Act 304

## Course Contents

- |   |                                       |
|---|---------------------------------------|
| - Fundamental of Radioactivity          | - Dose Limitation                     |
| - Radiation Unit                        | - Radiation Protection Programme(RPP) |
| - Biological Effects of Radiation       | - Radiation Safety Procedures         |
| - Radiation Safety                      | - Emergency Plan                      |
| - Instrumentation / Radiation Detection | - Radiation Regulation in Malaysia    |



**Introduction**

The exposure to radiation sources (TENORM, gauging) and irradiating appliances in various industries are increasing due to rapid development. To minimize radiation exposure, awareness among people dealing with radiation is important. The training is designed based on the standard syllabus for the Radiation Protection Officer (RPO) competency training, provided by the National Committee for the Certification of the RPO. The objective of this course is to provide the participants with complete information/knowledge before sitting for the RPO examination.

**Who Should Attend**

Those who are looking to be certified as Radiation Protection Officer (RPO) and/or Radiation Protection Supervisor (RPS), safety officer, manager, supplier, medical officer and those who are responsible for the safe use of ionizing radiation in various activities.

**Course Objectives**

- Understanding the philosophy and principles of radiation protection in controlling the radiation exposure from ionizing radiation
- To enhance skills and knowledge that lead to safe practice of radiation safety at workplace
- To prepare participant with complete information before sitting for RPO examination

**Course Contents**

- Basic Information on Ionizing Radiation
- Principles of Radiation Protection
- Biological Effects of Ionizing Radiation
- Radiation Measurement and Monitoring
- Working Procedures in Handling the Irradiating Apparatus and Radioactive Materials
- Transportation of Radioactive Materials
- Management of Radioactive Waste
- Plan and Procedures for Radiological Emergency
- Atomic Energy Licensing Act and Radiation Protection Programme
- Radiation Safety Audit
- Safety and Security of Radioactive Materials
- Safe Working Procedures
- Demonstration / Practical

# ALM102

## RADIATION SAFETY & EMERGENCY MANAGEMENT TRAINING KURSUS PENGURUSAN KESELAMATAN & KECEMASAN SINARAN



### Introduction

This training will run concurrently with our ALM100 (Radiation Safety Awareness Training). On the second day of training, we will emphasize on the management of safety and security of radiation by teaching:

- Radiological emergency procedure planning.
- Radioactive materials transportation management.
- Radioactive waste management.
- Radiation Safety Management System.

### Who Should Attend

Those who are looking to be certified as Radiation Protection Officer (RPO) and/or Radiation Protection Supervisor (RPS), safety officer, manager, supplier, medical officer, and those who are responsible for the safe use of ionizing radiation in various activities.

### Course Objectives

- Understand the best practices of protection from radiation risks and accidents
- Have detailed knowledge and understanding of ionizing radiation and their hazards and risks to our health
- Understand the legal requirement under Act 304 and how to abide by it

### Course Contents

- Plan and Procedures for Radiological Emergency
- Transportation of Radioactive Materials
- Management of Radioactive Waste
- Radiation Safety Management System
- Maintenance of Radiation Sources and Safety Equipment

### Methodology

- Lecture
- Tutorial
- Role play
- Demonstration
- Practical
- Case study
- Video presentation

## ALM103R

### MERCURY AND HAZMAT AWARENESS COURSE

### KURSUS KESEDARAN MERKURI DAN HAZMAT

#### Introduction

The Mercury and Hazardous Materials Awareness Training course involves first half day of classroom-based theory, case studies and emphasis on mercury awareness plus it's respective regulations. The second half of the day involves detailed information on Mercury Personnel Protective Equipment (PPE) both theoretical and practical applications. Theory of Mercury Decontamination and Waste Handling Process will be covered inclusive of handling, loading, transportation and methods such as labels and markings.

The Alypz Mercury and Hazardous Materials Awareness Training course is designed to educate learners in the best approaches to handling all aspects of minor occupational related hazardous mercury issues encountered in the Oil & Gas Industry like contaminated materials, spills, and incidents in a controlled safe manner, as well as the accurate use of PPE, including the donning (putting on) and doffing (taking off) of PPE.



## ALM104R

### NORM/TENORM AWARENESS COURSE

### KURSUS KESEDARAN NORM/TENORM

#### Introduction

The NORM/TENORM Awareness course is designed for the awareness level only. This basic level of NORM/TENORM Awareness Course is designed to inform the employee where they can recognize the hazard and to adhere the safe working procedures when dealing with NORM/TENORM. The Course is typically provided to oil and gas operator employees and other workers who need to understand the risks of working around NORM/TENORM. We can conduct sessions at our facility or a location of your choice. Upon completion of the course the participants will be familiar with

- What is NORM
- Where the NORM comes from
- Basic radiation safety
- Biological concerns
- Radiation safety procedures
- Legislative requirements with regards to NORM/TENORM

Both of the courses listed above are available on request basis.  
Contact us and we'll set up a time and location convenient for you.

# CME

## CONTINUING MEDICAL EDUCATION

### PENDIDIKAN PERUBATAN BERTERUSAN



#### **Introduction**

Alypz offer continuing Medical Education to enhance the doctors and radiographer knowledge regarding the basic of Ionizing Radiation, Radiation Protection, and updates on Radiography technique in Malaysia. For license renewal or professional development, doctors and radiographer will find high quality, accredited and non-accredited continuing education geared toward radiography assessment for every patient's needs.

#### **Who Should Attend**

Doctors, radiographers, trained operator, any employee who are interested in radiation protection / safety awareness

#### **Course Objectives**

- Understand the best practice of protection from radiation risks and hazards in medical sector
- Have detailed knowledge and understanding of ionizing radiation and their hazards and risks to our health
- Understand the legal requirement under Act 304

#### **Course Contents**

- Basic Physics and Principles of Radiation Protection
- Radiation Hazards and Biological Effects of Ionizing Radiation
- X-ray Equipment and Associated Facilities
- Quality Assurance Programme (QAP) in General Radiography
- Legislative Requirement under Act 304 for Medical Purposes

#### **Methodology**

- Lecture
- Tutorial
- Role play
- Demonstration
- Practical
- Case study
- Video presentation



# TRAINING PROGRAMME

## RADIATION SAFETY TRAINING

CODE	COURSE NAME	VENUE	DATE	AELB CEP POINTS	FEE (SINGLE)	FEE (TEAM)
ALM 100	Radiation Safety Awareness Training (Microsoft Teams Online Training) (1.5 days)	Online	25-26/1/2023	7.5	480	480
		Online	8-9/2/2023	7.5	480	480
		Online	1-2/3/2023	7.5	480	480
		Online	24-25/5/2022	7.5	480	480
		Online	7-8/6/2023	7.5	480	480
		Online	26-27/7/2023	7.5	480	480
		Online	23-24/8/2022	7.5	480	480
		Online	20-21/9/2023	7.5	480	480
		Online	25-26/10/2023	7.5	480	480
		Online	15-16/11/2023	7.5	480	480
		Online	20-21/12/2023	7.5	480	480
<i>SBL Khas Claimable</i>						
ALM 101	Radiation Protection Training for Officer	USJ	9-19/1/2023		2550	2450
		USJ	13-23/2/2023		2550	2450
		USJ	6-16/3/2023		2550	2450
		USJ	8-18/5/2023		2550	2450
		USJ	12-22/6/2023		2550	2450
		USJ	3-13/7/2023		2550	2450
		USJ	7-17/8/2023		2550	2450
		USJ	4-14/9/2023		2550	2450
		USJ	2-12/10/2023		2550	2450
		USJ	20-30/11/2023		2550	2450
		USJ	4-15/12/2023		2550	2450
<i>SBL Khas Claimable</i>						
ALM 102	Radiation Safety and Emergency Management Training (Microsoft Teams Online Training) (2.5 days)	Online	25-27/1/2023	15	700	700
		Online	8-10/2/2023	15	700	700
		Online	1-3/3/2023	15	700	700
		Online	24-26/5/2022	15	700	700
		Online	7-9/6/2023	15	700	700
		Online	26-28/7/2023	15	700	700
		Online	23-25/8/2022	15	700	700
		Online	20-22/9/2023	15	700	700
		Online	25-27/10/2023	15	700	700
		Online	15-17/11/2023	15	700	700
		Online	20-22/12/2023	15	700	700
<i>SBL Khas Claimable</i>						



# TRAINING PROGRAMME

## RADIATION SAFETY TRAINING

CODE	COURSE NAME	VENUE	DATE	AELB CEP POINTS	FEE (SINGLE)	FEE (TEAM)
CME	Continuous Medical Education (Microsoft Teams Online Training) (Half Day)	Online	14/1/2023		300	250
		Online	11/2/2023		300	250
		Online	11/3/2023		300	250
		Online	13/5/2023		300	250
		Online	16/6/2023		300	250
		Online	8/7/2023		300	250
		Online	12/8/2023		300	250
		Online	9/9/2023		300	250
		Online	7/10/2023		300	250
		Online	25/11/2023		300	250
Online	9/12/2023		300	250		

### NOTES

1. ALM103R Mercury and Hazmat Awareness Course and ALM104R NORM/TENORM Awareness Course are done per request. Contact us for arrangement.
2. Training Fee (Team) refers to team registration discount. This applies to registration for 3 or more people from one organization.
3. Training Venues are listed below. Changes to venue will be notified to registered participants.
4. The prices shown are inclusive of SST.

### CANCELLATION POLICY

Course cancellation must be done not later than 5 working days to the course date, failing which the full course fee will be charged. Substitution is welcomed any time before the course start date.

# TRAINING PROGRAMME

## ALYPZ TRAINING FACILITIES



### ALYPZ USJ TRAINING CENTER

1, Jalan Industri USJ 1/4, Taman Perindustrian USJ1, 47600 Subang Jaya, Selangor, MALAYSIA  
TEL: +603 8023 9200 FAX: +603 8023 6530



### KEMAMAN OFFICE

K 430 Tingkat 1, Taman Kemaman, 24000 Chukai, Kemaman, Terengganu, MALAYSIA  
TEL: +609 850 3333 FAX: +609 850 3330



### MIRI OFFICE

Lot 2562, Level 2, Jalan Bulatan Park, Bulatan Commercial Centre, 98000 Miri, Sarawak, MALAYSIA  
TEL: +6085 659 096 FAX: +6085 659 098



# ALYPZ TRAINING REGISTRATION INFORMATION

Please login to <https://forms.office.com/r/ddUX32y3jq> to fill up our registration form.

Or use your QR code reader to open the form below:



## PAYMENT

1. Payments can be done using cash, cheque, and online banking.
2. All prices are subjected to SST where applicable.
3. Cancellation is permitted 5 days before event, any later is deemed billable.
4. Payment Information:

Account Name: Alypz Sdn. Bhd.

Bank Name: CIMB Bank Berhad

Account No.: 8002779080

Swift Code: CIBBMYKL

Country: Malaysia