

RSH 101

Radiation Safety Awareness

INTRODUCTION

The course on radiation safety is primarily directed to the safety of workers, members of the public and the environment by emphasising aspects of radiation protection, in line with the requirement of the Atomic Energy Licensing Act 1984 (Act 304).

The increasing use of ionising radiation in various sectors - industry, medical, manufacturing, agriculture and research - demands a comprehensive implementation of the Atomic Energy Licensing Act which requires all those involved with the use of ionising radiation to have a Radiation Protection Officer and properly trained radiation workers.

This one day course is specially designed to create the awareness on the radiation needs of special attention to the radiation safety in order to protect the safety of workers, public and the environment.

COURSE OBJECTIVES

- To provide basic understanding of the philosophy and principles of radiation protection.
- To generate the awareness on the risks and effects of ionising radiation.
- To improve knowledge of safety awareness.

CEP POINTS

Those who attended this course will obtain CEP points from these organizations:

AELB - 7 CEP Points

CONTENTS

- Basic information on ionising radiation
- Principles of radiation protection
- Effects of radiation on man
- Application of ionising radiation in various sectors
- Radiological monitoring and measurement
- Working procedure with ionising radiation and radioactive materials
- Atomic Energy Licensing Act/Legislative requirements
- Security of radioactive material

WHO SHOULD ATTEND

Safety officer, RPO, RPS, radiation worker, radiologist, radiographer, x-ray operator, supplier, supervisor, lecturer, technologist, technician, laboratory assistant and those who are involved and interested in the application of ionising radiation in various sectors-industry, engineering, petroleum and gas, medical, manufacturing, agriculture, etc.

PARTICIPANTS

All level of personnel and those who are interested and involved in the use of ionising radiation.