



# RSH 200

## Radiation Protection for Worker

### INTRODUCTION

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

### COURSE OBJECTIVE

- To understand the philosophy and principles of radiation protection
- Creating awareness on the risks and biological effects of ionizing radiation
- Giving exposure on the safe working procedures with ionizing radiation
- Acquiring the techniques and proper procedures in controlling the exposure og ionizing

### METHODOLOGY

- Participative Lecture
- Discussion / Case Study
- Demonstration / Practical

### COURSE CONTENT

- Basic information on ionising radiation
- Principles of radiation protection
- Biological effects of radiation
- Methodology in radiation measurement and monitoring
- Working procedures in handling radiation sources and radioactive materials
- Safety transport of radioactive materials
- Management of radioactive waste
- Plan and procedure for radiological emergencies
- Atomic Energy Licensing Act and Radiation Protection Regulation
- Security of radioactive material

### WHO SHOULD ATTEND

Radiation Licensee, RPO, Manager, Safety Officer, Supervisor, radiation worker, radiographer, assistant researcher, technician, Safety and Health Officer, laboratory assistant, operator, general worker and those working directly with ionising radiation and responsibility for developing, implementing and maintaining emergency response plan

### CEP POINTS

Those who attended this course will obtain CEP points from this organization:

AELB - 27 CEP Points