

MADANI
TRAINING & CONSULTANCY

INDUSTRIAL RADIOGRAPHY LEVEL 2 (SPKM-NDT) (ISO 9712) (NORMAL ACCESS)

NDT FOR SAFETY, RELIABILITY QUALITY AND INTEGRITY



COURSE MODE: PHYSICAL CLASS (SOP COMPLIANCE)

VENUE

THEORY: MADANI TRAINING & CONSULTANCY (BANGI, SELANGOR)

PRACTICAL: BLOK 59, PUSAT LATIHAN AGENSI NUKLEAR (DENGKIL, SELANGOR)



ID: 10001291085



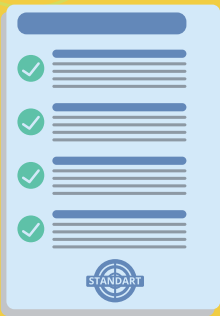
CO. ID: 1127989-X

INTRODUCTION

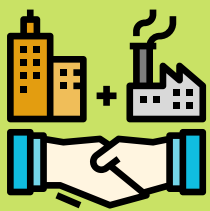
RT Level 2 personnel are responsible in keeping technical and safety part of industrial radiography work in check. In accordance to ISO 9712, RT Level 2 Personnel hold greater responsibility where they are eligible to interpret quality of radiographic film as well as the quality of weldment (as appeared in the radiographic film)



Starting from 2015, AELB have set a new requirement standard where ONLY RT Level 2 certificate holder is recognized as an operator in the field.



Furthermore, Atomic Energy Licensing Board (AELB) that is responsible in enforcing the law in radiography works has stated ONLY radiographer of Level 2 and above are qualified to operate and lead the radiography work in the field. As a result of this industrial shift, Industrial Radiographer of Level 2 has become very much in demand these days.



To fulfill this need, MADANI Training & Consultancy in association with SIRIM Training Services or Pusat Latihan Agensi Nuklear work together in organizing the National Industrial Radiography Level 2 Course.

This course offers greater insight (in comparison to RT Level 1) on the knowledge needed in order to perform and lead radiography works. The personnel involves in the supervising works involving NDT will also be benefited from this course by enhancing their capability of evaluating the result as a basis of their decision making. The RT 2 examination will be conducted by the National Certification Body in accordance to a scheme that complies to the MS ISO 9712:2012 Standard.



OBJECTIVES



To upgrade RT Level 1 personnel to an operator-level personnel. In compliance with AELB Act 304 standard requirements, **ONLY** RT Level 2 personnel is approved by AELB as an radiography operator.

WHO SHOULD ATTEND

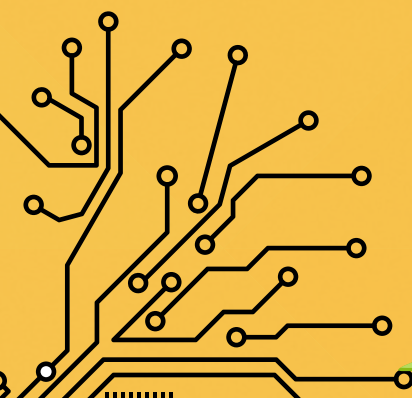
Those who would like to venture into being an RPO of Category 2 (Industrial Radiography)

Those who would like to be recognized by an operator in NDT Industry.

RT Level 1
Certificate Holder

NDT Technicians
and Supervisors

Radiation
Protection Officer



FEES STRUCTURE/ TRAINING

SINGLE: RM 5799/PAX (EXAM INCLUDED)

GROUP: RM 5599/PAX (EXAM INCLUDED)

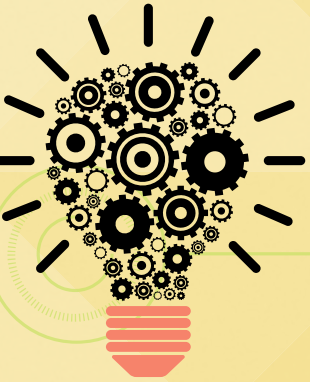
SINGLE (HRDC GRANT): RM6199/PAX (EXAM INCLUDED)

GROUP (HRDC GRANT): RM 6020/PAX (EXAM INCLUDED)



HRD CORP GRANT APPLICATION

***FOR COMPANY REGISTERED UNDER HRD CORP ONLY)**



Company that is registered under HRD Corp is eligible to apply for HRD Corp Grant. Previously known as SBL-Khas Grant, this grant provides a range of benefits to Malaysian companies and their employees, including access to upskilling and reskilling programs, professional training and development, and financial support. It also encourages lifelong learning and helps to address skills gaps in the workforce, improving competitiveness and productivity.

HRDC GRANT DOC CHECKLIST

***FOR COMPANY REGISTERED UNDER HRD CORP ONLY)**

TO APPLY, YOU NEED:



Invoice/Quotation



Brochure



Trainer's Profile



**JD14 Form
(After-event)**



**Attendance Record
(After-event)**



**Other documents
(if requested by HRD Corp)**

COURSE OUTLINES



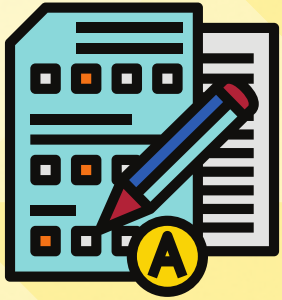
- Introduction to 5 common NDT methods (RT,UT,MT,PT,ET)
- Material, Processes and Defects
- Physical Principles of Radiation
- Radiation Protection for Industrial Radiography
- Radiation Equipment and Accessories
- Control Of Exposure
- Safe handling of Radioactive Material
- Radiography Film and Processing
- Radiography Quality
- Radiography Exposure Technique
- Radiography Exposure Calculation
- Viewing Radiographic Image
- Radiographic Interpretation
- Codes, Standards and Specifications
- Other Radiography Technique
- Radiography Reporting

METHODOLOGY

The training session will incorporate **slides** and **hands-on activities**, including a **radiation safety demonstration**. The training will be delivered in a mix of **English and Malay languages**, providing comprehensive learning opportunities.

Candidates are required to handle X-ray and Gamma Projector in accordance with safety instruction written.

EXAMINATION STRUCTURE



THEORY

- General Paper (40 Questions) - 1 Hour
- Specific (30 Questions) - 1 Hour
- Safety (Objective) (30 Questions) - 1 Hour
- Safety (Subjective) - 1 Hour



PRACTICAL

- Boundary Calculation - 30 min
- Instruction Writing (X-ray & Gamma) - 2 Hours
- Radiography (Following Instruction Writing)
- Interpretation & Evaluation - 12 pieces
- Film Viewing - 6 pieces

CONTACT US



- Dr. Abd Nassir Ibrahim
Managing Director
+60 19 351 4212

- Mr. Muhammad
General Manager/RPO
+60 17 677 1603

abdnassir54@madanindt.com muhammad@madanindt.com