

NRT 211E

Industrial Radiography Level 2 (Intermediate Grade)

INTRODUCTION

Industrial radiography is the most effective NDT method and is widely used in various industries to detect the defect in materials. This course is designed based on standard syllabus set up by Department of Skills Development (DSD) and meet the National Occupational Skills Standard (NOSS) requirements, to provide the participants with necessary knowledge in both theory and practices of industrial radiography. It is being recognised by Atomic Energy Licensing Board (AELB) for the high Standard in radiation safety aspects. Participants who have passed the Level 1 (Basic Grade) Radiography Examination, conducted by DSD. Successful candidates will be awarded the Level 2 (Intermediate Grade) Radiography Industrial Certificate which is recognised by the Malaysian Government.

THIS COURSE CAN
BE CONDUCT ONLINE

CLASSROOM COURSE

VENUE :
HGS PAKA
TERENGGANU /
EAST COAST

COURSE OBJECTIVES

- To have adequate knowledge and experience to perform or to supervise NDT inspection.
- To detect crack, surface and near surface in welding.
- To gain reasonable amount of knowledge and experience related to the Radiography Industry of inspection in industrial plants and facilities engineering.
- To have practical experience in inspection using replication methods.

CONTENTS

- Introduction to NDT methods and radiographic testing
- Material process and defects
- Basic principles of radiography testing
- Principle of welding and casting
- Radiographic film, film handling, loading and processing
- Radiographic image quality
- Interpretation and evaluation of test results
- Specification, code, standard and procedure for radiographic
- weld inspection
- Quality assurance
- Exposure determination, radiographic exposure technique, application
- technique, application technique and miscellaneous techniques

METHODOLOGY

Lecture, tutorial, practical/demonstration and case study

MEDIUM OF INSTRUCTION

English and Bahasa Melayu

WHO SHOULD ATTEND

NDT contractor, supplier, NDT practitioner, personnel engaged in oil and gas industry, power plant (construction and maintenance), chemical plant (maintenance), producer of pressure vessel, shipping industry, aviation industry, automotive, lecturer and researcher.

QUALIFICATION FOR EXAMINATION

- 18 years old and above.
 - Able to read, write in Bahasa Malaysia and English and has basic mathematical knowledge.
 - The candidate shall provide documentary evidence of satisfactory vision in accordance with the following requirements:
 - ◆ Near vision acuity shall permit reading a minimum of Jaeger number 1 or Times Roman N 4.5 or equivalent letters (having a height of 1.6 mm) at not less than 30 cm with one or both eyes, either corrected or uncorrected
 - ◆ Colour vision shall be sufficient that the candidate can distinguish and differentiate contrast between the colours or shades of grey used in the NDT methods concerned, as specify by the employer.
- Able to provide a valid passed examination slip of Industrial Radiography Level 1

HRDF CLAIMABLE

CEP
(AELB - 15 POINTS)
20CCD SKM II

PAYMENT	FEEES AT PENINSULAR MALAYSIA
CLASSROOM COURSE FEE	
Single Registration per pax	RM 4750.00
Team Discount per pax	RM 4500.00
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
Sofea - 019 698 3217
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 NRT 211E programme Year 2022

Classroom course : ☐ 15 Nov - 5 Dec

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					
5					
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8					
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10					

PAYMENT	FEES AT PENINSULAR MALAYSIA
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ONLINE COURSE FEE	
Single Registration per pax	TBA
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"No refund for notice of cancellation received less than 5 days prior to the event date"

Certification will be issued by Malaysian Nuclear Agency