

NET 110E

Eddy Current Level 1 (Basic Grade)

INTRODUCTION

Eddy Current is one of the most common NDT method used in material evaluation. This inspection methods is now very well known and has become a routine in the world of industry such as, power plant and other industries. For this reason, a National Qualification and Certification Scheme for Eddy Current Method was established and approved by the Department of Skills Development (DSD), 1995 under National Occupational Skills Standard (NOSS). This course is designed to meet the requirements of the standard syllabus of Eddy Current according to DSD Level 1, National Qualification and Certification Scheme (NOSS). Participants who have successfully met the course requirements are allowed to sit for the Level 1 Eddy Current examination conducted by DSD. Successful candidate will recognised by the Malaysian Government.

THIS COURSE CAN
BE CONDUCT ONLINE

CLASSROOM COURSE
VENUE :
HGS PAKA
TERENGGANU /
EAST COAST

COURSE OBJECTIVES

- To provide guidance and sorting of materials on the basis of conductivity and permeability
- To estimate coating thickness and thinning of non ferromagnetic material
- To detect crack, surface and near surface in components, structure and welds.

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.

REFERENCE MATERIAL

The 'Medical X-ray' book will be used extensively as reference in this course

CONTENTS

- Introduction to non-destructive testing (NDT)
- Introduction to materials process and defects
- Basic electrical theory
- Basic magnetism and electromagnetism theory
- Principle of Eddy Current
- Eddy Current probes and equipment Testing technique for felt surface
- Application of Eddy Current in engineering works

METHODOLOGY

Lecture, tutorial, practical/demonstration

MEDIUM OF INSTRUCTION

English and Bahasa Melayu

WHO SHOULD ATTEND

This course is opened to all participants, in particular NDT personnels, supervisors, NDT trainers, contractors and researchers and those who are interested in eddy current technique.

HRDF CLAIMABLE

SKM 1

PAYMENT		FEES AT PENINSULAR MALAYSIA	
CLASSROOM COURSE FEE			
Single Registration per pax		RM 2180.00	
Team Discount per pax		RM 2070.00	
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 NET 110E programme Year 2022

Classroom course : ☐ **29 May - 3 Jun**

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					
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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