

ESH 300E

Laser Safety For Officer

THIS COURSE CAN
BE CONDUCT ONLINE

CLASSROOM COURSE

VENUE :
HGS PAKA
TERENGGANU /
EAST COAST

PREAMBLE

Of late, there is an increasing trend in the use of equipment related to the non-ionising radiation (NIR) in daily activities such as laser. The key element in the overall laser safety program is the Laser Safety Officer. The LSO is an individual designated by management who has the responsibility and authority to manage the overall laser safety program. The Laser Safety Officer must ensure that all employees who operate, maintain, or service laser products are properly trained. The Laser Safety Officer is also responsible for establishing, monitoring and enforcing laser controls, as well as evaluation of laser hazards. This 5 days course is designed to generate greater awareness on the usage in industrial and medical fields that needs special attention to the safety practices in order to protect the safety of workers and public.

COURSE OBJECTIVES

- To provide better understanding of philosophy and principle of NIR
- To create awareness on the physical and biological effect and risk on laser-tissue interaction
- To learn the right procedures when dealing with laser
- To provide knowledge of practical measures for reducing laser-related risks
- To update the current safety standards and legislation on medical usage laser

COURSE CONTENTS

- Basic information on NIR
- Introduction to Laser Radiation
- Quantity and Measurement
- Biological effect of Laser Radiation
- Exposure dose and Limitation
- Laser Safety Management
- Laser : Equipment Management
- Practical Control Measures
- Monitoring and working Procedure for Laser
- Regulatory Aspect of Laser Safety
- Current Laser Usage in Malaysia

METHODOLOGY

- Participative Lecture
- Demonstration
- Group Discussion
- Table top exercise

WHO SHOULD ATTEND

The LSO course is designed for all those involved in industrial, military, educational, medical, and cosmetic or research applications of lasers.

It is tailored to the needs of safety professionals, engineers, operators, technicians, and other professionals assigned the duties of Laser Safety Officer or personnel whom are responsible on safety and health of workers and public.

HRDF CLAIMABLE

CPD
(MBOT FIZIKAL 15-
POINTS & ONLINE
15 - POINTS)

PAYMENT	FEES AT PENINSULAR MALAYSIA
CLASSROOM COURSE FEE	
Single Registration per pax	RM 1550.00
Team Discount per pax	RM 1470.00
ONLINE COURSE FEE	
Single Registration per pax	RM 1470.00
Team Discount per pax	RM 1390.00

An Associated Programme of



Closing Date:
1 WEEK BEFORE
COURSE DATE



Contact person
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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 ESH 300E programme Year 2022

Classroom course : ☐ 29 June - 5 July ☐ 16 - 20 Oct

Online course : ☐ 13-17 Mac ☐ 19-23 Apr ☐ 10-14 May ☐ 7-11 June ☐ 11-15 July
☐ 14-18 Aug ☐ 20-24 Sept ☐ 12-16 Oct ☐ 22-26 Nov ☐ 4-8 Dec

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					
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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