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### REGISTRATION FORM

Two-Days Course on "Basic Welding Knowledge in Engineering & Construction"

(Closing Date: 23<sup>rd</sup> November 2018)

No	Name(s)	M'ship No.	Grade	Fee (RM)*
<b>SUB TOTAL</b>				
<b>Total Payable</b>				

\*Fees MUST be fully paid BEFORE the CLOSING DATE. Seats could only be confirmed upon payment. Enclosed herewith a crossed cheque No: \_\_\_\_\_ for the sum of RM \_\_\_\_\_ issued in favour of "**The Institution of Engineers, Malaysia**" and crossed 'A/C payee only'. I/We understand that the fee is not refundable if I/We withdraw after my/our application is accepted by the Organising Committee as stated in the **cancellation term**. If I/We fail to attend the seminar, the paid registration fee will not be refunded.

Contact Person: \_\_\_\_\_ Designation: \_\_\_\_\_

Name of Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone No.: \_\_\_\_\_ (O) \_\_\_\_\_ (Fax)

\_\_\_\_\_ (H) \_\_\_\_\_ (HP)

Email: \_\_\_\_\_

Signature & Stamp

Date

Photocopies are acceptable



## TWO-DAYS COURSE ON "BASIC WELDING KNOWLEDGE IN ENGINEERING & CONSTRUCTION"



Organised by

Marine Engineering & Naval Architecture Technical Division, IEM

Venue: Tan Sri Prof Chin Fung Kee Auditorium, Ground Floor,  
 Wisma IEM, PJ

Date : 26<sup>th</sup> and 27<sup>th</sup> November 2018

Time: 8.30am – 5.30pm

Speakers: Ir. Nik Mohd Hasmizie Nik Mohd Kamil

BEM Approved CPD/ PDP hours: 14

Ref. No: IEM17/HQ/424/C

#### REGISTRATION FEES

	ONLINE	NORMAL (Offline)
IEM Student Member	RM 250.00	RM 275.00
IEM Graduate Member	RM 450.00	RM 495.00
IEM Corporate Member	RM 650.00	RM 715.00
Non-IEM Member	RM 850.00	RM 935.00

#### CANCELLATION POLICY

IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund if cancellation is received in writing more than 7 days before start date of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status.

## BENEFITS

- Understand the relevant of welding technology related to steel fabrications
- Able to recognize characteristics of commonly used welding processes in relation to quality control
- Able to interpret drawing instructions and welding symbols to ensure that specifications are met
- Understand the application of welding consumables for specific applications and consumable handling
- Aware of the engineering codes and standards related to welding and inspection requirements
- Able to identify various weld imperfections (defects)
- Understand factors which influence the quality of fusion welds in steels
- Able to carry out visual inspection of welds, report on them and assess their compliance with specified acceptance criteria

## SYNOPSIS

Welding activities play a vital role during the construction phase especially in the marine and oil and gas industry, be it new construction, refurbishment or conversion projects. This course gives the essence of welding knowledge in the engineering & construction, especially suitable for engineers who intend to gain a fundamental but solid grounding on welding inspection. You will learn the structured and integrated welding technology, welding process, welding defects, duties of inspection engineers at site, tools and techniques that are applicable to managing the welding activities, welding symbols and etc. The course contents are closely referenced to CSWIP course note for welding inspector course. This two-days intensive course is both practical and interactive, supplemented with useful course note, real-life case studies and working examples.

## WHO COULD BENEFIT FROM THE COURSE

All engineers who need basic training in welding inspection; Inspectors / QA & QC Inspectors & Engineers / Engineers / Inspection Engineers who undertake the visual examination of welded joints or involve in construction projects; Quality Control / Quality Assurance staff associated with welding and construction; Government and Non-government officers; Anyone responsible for or involved in engineering & construction project.

## SPEAKER'S PROFILE



**Ir. Nik Mohd Hasmizie, B.Eng (Mechanical), P.Eng, MIEM, CEng, CMarEng, MIMarEST** has almost 17 years of experience in the Marine & Oil and Gas industry as a Professional Engineer, Chartered Engineer and Chartered Marine Engineer. He is experienced in marine & oil and gas construction and transportation & installation projects of different sizes and complexities for greenfield and brownfield. He had previously worked with EPCIC Company, Classification Body and Client as a Project Manager, Project Engineer, Surveyor, Mechanical Engineer, Owner representative for marine and offshore projects.

The example of projects he involved are new ship building of 4 units Aframax Crude Oil Tankers 105k DWT in Samsung Heavy Industries (South Korea), new construction of WOODSIDE ANGEL topside wellhead platform, new construction of Gumusut-Kakap semi-submersible Floating Production Unit in MMHE (Pasar Gudang), FPSO (Floating Production, Storage and Offloading) AENG conversion and refurbishment for client NOBLE ENERGY USA, FPSO N'GOMA major refurbishment & relocation project for Client ENI Angola SPA, EPCIC of EVA gas pipeline, jacket and topside Project for client Trans Thai Malaysia (Malaysia) TTMM PETRONAS, Pipeline & Topside WHP Installation H5 Phase II Project for client PTSC POS, Vietnam, Subsea Isolation Valve (SSIV) EPC Project for client HESS Exploration & Production and recently T&I of Pipelay, Jacket and Topside B15 project for client Sapura Exploration & Production (Sarawak) Inc. The involvements are including but not limited to tendering & bidding, contract management, engineering & project management, construction, procurement, sub-contract, quality assurance, welding inspection, Welding Qualification Test (WQT), Welding Procedure Qualification Test (WPQT), Factory Acceptance Test, Transportation & Installation, pre-commissioning and commissioning. Currently, he is a Project Manager in company Sapura Energy Berhad attach with Engineering & Construction – Operations managing the EPCIC and T&I projects. Ir. Nik Mohd Hasmizie serves as the current Advisor of the Marine Engineering & Naval Architecture Technical Division of the Institution of Engineers Malaysia (IEM). He is a certified Welding Inspector (CSWIP 3.1) and Radiographic Interpreter (CSWIP 3.4) of the CSWIP, United Kingdom.

## COURSE SCHEDULE & OUTLINE

	Day 1	Day 2
<b>0830 - 0850</b>	Registration	Registration
<b>0850 - 1030</b>	Introduction to Welding Type of Welding Joint and Welding Positions	Welding Defects and Repair
<b>1030 - 1045</b>	<b>MORNING TEA BREAK</b>	<b>MORNING TEA BREAK</b>
<b>1045 - 1300</b>	Welding Process and Technology (SMAW, MIG, TIG, SAW, FCAW)	Duties of Inspection Engineers / Welding Inspector Inspection Tools
<b>1300 - 1400</b>	<b>LUNCH BREAK</b>	<b>LUNCH BREAK</b>
<b>1400 - 1530</b>	Welding Symbol and Drawing Instructions	Welding Procedure Qualification Test (WPQT) Welder Qualification Test (WQT)
<b>1530 - 1545</b>	<b>AFTERNOON TEA BREAK</b>	<b>AFTERNOON TEA BREAK</b>
<b>1545- 1630</b>	Welding Consumables	Non-Destructive Test & Radiographs
<b>1630 - 1730</b>	Welding Distortion Q & A	Mechanical Test at Laboratory Q & A

### Terms & Conditions:

- For **ONLINE REGISTRATIONS**, only **ONLINE PAYMENT** is applicable [via RHB and Maybank2u –Personal Saving & Personal Current; Credit Card - Visa/Master].
- Payment via **CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN** will be considered as **NORMAL REGISTRATION**.
- **FULL PAYMENT** must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail to attend the course, the fee is to be settled in full.
- Fee paid is not refundable. Registration fee includes lecture notes, refreshment.
- The Organizing Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available,

### PERSONAL DATA PROTECTION ACT

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.