

# ONE-DAY IMM FACILITY INTEGRITY & MAINTENANCE CONFERENCE 2023



**16<sup>th</sup> March 2023**



**7.30am – 5.00pm**



**The Marina, Goldenbay Hotel, Bintulu**

Asset integrity and maintenance are critical to ensuring the continuous production and a safe workplace. It is critical in effectively managing industrial assets in order to achieve operational excellence and long-term profitability while ensuring asset reliability, integrity, and safety, as well as the smooth operation of the plant without any failures, leaks, accidents, or unplanned shutdowns.

The current COVID-19 mitigation strategy of working at home and social distancing is resulting in an increasing backlog of inspection and maintenance work. Furthermore, the situation is forcing asset inspection management service providers to perform critical asset inspections with fewer personnel. However, the roles of asset management leaders are no longer the same and are undergoing significant change. Remote inspection and collaboration are examples of digital technologies being used to assist organisations in maintaining safe and productive assets.

Today's industries must constantly improve and innovate in order to achieve higher efficiency and lower unit costs of production. Industries cannot continue to operate in the same manner and expect to see improved results. It is critical that technicians and engineers keep up to date on new knowledge and technologies, as well as new ways of operating equipment and facilities.

This Conference aims to bring experiences and knowledge together to share issues, challenges and potential solutions.

## WHO SHOULD ATTEND?

Functional Heads of Asset Integrity, Maintenance & Reliability, Operations, Installations, Manufacturing & Production, Corrosion Management, Inspection, Design & Engineering, Loss Prevention, Non-Destructive Testing from the following industries:

- Oil, Gas, Energy & Utilities
- Process Manufacturing
- Manufacturing & heavy engineering
- Petrochemicals
- Chemicals
- Others affected by asset integrity & maintenance issues.

### IMM Bintulu Chapter Committee Members for 2022-2024 Session

Chairman:	RAYMOND PHEN	ASEAN Bintulu Fertilizer Sdn Bhd
Deputy Chairman:	FOO HWA CHIT	Petronas LNG 9 Sdn Bhd
Secretary:	PHILIP TSEN	Ultradex Engineering Supply Sdn Bhd
Treasurer:	LEONG YIN CHIN	Kumus Sdn Bhd
Members:	FELIX BANTIN AK AMIT	Kumus Sdn Bhd
	ALEX TAY	Bumi Tech Coatings Sdn Bhd
	DZULASIS ALISKA	ASEAN Bintulu Fertilizer Sdn Bhd
	FIRDAUS MAAROP	Shell MDS Sdn Bhd
	GEORGE KUA YIEN HUIKTA	Sarawak Sdn Bhd
	JOSHUA SIA KEE WEI	Paling Construction Sdn Bhd
	BONG YUNG FOO	Malaysia LNG Sdn Bhd
	STEWART SIRAN	Ultradex Engineering Supply Sdn Bhd
	YII MING SING	Retired
	LIZA RAYMOND	Laku Management
	RAYMOND HO	In-Situ Petro Services Sdn Bhd

# Programme

0730am Registration & Light Breakfast

0830am Welcome Note by Emcee & Safety Briefing by Hotel Staff

0840am Opening Speech by Dato' Dr. Ir. Ts. Mohd Abdul Karim Bin Abdullah, IMM President

0845am  **Revolutionized PRBI for future Asset Integrity Management**

0905am Q&A  
By Aid Farhan Maarof and Ahmad Naim A Khairudin (GTS, PETRONAS)

0910am  **Holistic Approach Towards Asset Integrity Management Through Digitalisation**

0930am Q&A  
By Mathews Varkey  
(Ankaa Consulting (M) Sdn Bhd)


0935am  **Completing The Service Cycle**

0955am Q&A  
By Andrew Thomas (Lava Protocols Sdn Bhd)

1000am Tea Break / Exhibition

1030am  **Sea Water Corrosion on Heat Exchanger Tube**

1050am Q&A  
By Ir Foo Hwa Chit (Petronas LNG Sdn Bhd)

1055am  **On-line leak sealing & pipe reinforcement by composite repair as per ASME PCC-2 / ISO 24817**

1115am Q&A  
By Ahmad Sanusi Awang  
(In-Situ Petro Services Sdn Bhd)

1120am  **Digitalization of Cathodic Protection System - Remote Monitoring**

1140am Q&A  
By Muhammad Syafiq Bin Alwi (Ultradex Engineering Supply Sdn Bhd / Norimax Sdn Bhd)

1145am  **Grooving at Overhead Condenser, Hydrogen or Erosion?**

1205pm Q&A  
By Nurjaimi Ali and Rohana Jaafar  
(GTS, PETRONAS)

1210pm Group Photo


1220pm **LUNCH/EXHIBITION**

1400pm  **Are my Storage Tanks Safe? Storage Tanks Asset Grading Visualization for Better Asset Integrity Management**

Q&A  
1420pm By Hanafi Basri (Petronas Carigali Sdn Bhd)

1425pm  **Overview of Engineered Composite Repair System for Aboveground Storage Tanks in accordance with API 653**

1445pm Q&A  
By Shann Liew ( HJ3)


1450pm  **Failure Analysis of Linkage Eyebolt Fracture at Hydro Power Turbine**

1510pm Q&A  
By Ir Abdul Rohim Md Said (TNB Repair and Maintenance Sdn Bhd (REMACO))

1515pm  **Valve Management System: Balancing HSE Risk and Value Leakage**

1535pm Q&A  
By Mohd Fazli bin Abdul Kadir  
(Petronas Carigali Sdn Bhd)

1540pm Tea Break/Exhibition

1600pm  **Using FMC-TFM Imaging to improve Weld Defect Characterizations and Identification**

1620pm Q&A  
By Dr. Muhammad Nur Farhan Saniman  
(Integrated PDP Sdn Bhd)

1625pm  **The Paradox of PWHT for Austenitic Stainless Steel**

1645pm Q&A  
By Ir. Sia Hua Jiah  
(Asean Bintulu Fertilizer Sdn Bhd)

1650pm Closing Remarks from Mr Raymond Phen, Chairman of IMM Bintulu Chapter

1700pm Adjourn

# REGISTRATION FORM

REGISTRATION FORM			
Name	(Prof. / Dr. / Ir. / Ts. / Mr. / Ms.)		
Institution / Company Name			
Institution / Company Address			
Tel No (Office)		Mobile No	
Email address			

## FEES (RM)

Please tick  
(✓)

Delegates	IMM member	RM 350.00**	
	Non-IMM member	RM 450.00**	
Exhibitor		**	

\*\* Note : Delegate fee is subject to 6% SST

## EVENT SPONSOR / EXHIBITOR (Please tick ✓)

<input type="checkbox"/> <b>EVENT SPONSOR – RM5,000.00**</b>  <b>A. Package includes :</b> <ul style="list-style-type: none"> <li>• 1 Technical presentation slot</li> <li>• 1 Promotional table with 2 chairs</li> <li>• 1 Free pass for Presenter</li> <li>• 2 Free passes as Conference Delegates</li> <li>• 2 Free passes for Exhibition Promoters</li> </ul> <b>B. Please reserve _____</b> (Table Top Number) for us. (Refer to Exhibition Layout Plan for Table Top Exhibition stand number)	<input type="checkbox"/> <b>TABLE-TOP EXHIBITION STAND – RM3,000.00**</b>  <b>A. Package includes :</b> <ul style="list-style-type: none"> <li>1 Promotional table with 2 chairs</li> <li>2 Free passes Exhibition Promoters</li> </ul> <b>B. Please reserve _____</b> (Table Top Number) for us. (Refer to Exhibition Layout Plan for Table Top Exhibition stand number)
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Note: a) Additional pass will be charged RM300.00 (IMM Member) or RM400.00 (Non-IMM Member)

b) Exhibition stand does not come with a wall. Exhibitors are advised to bring in their own promotional materials.

\*\* Fee is subject to 6% SST

**PAYMENT** must be made by Electronic Transfer, Telegraphic Transfer, Cheque or Bank Draft to

Account Name: **Materials Technology Education Sdn Bhd**

Account No: **5621 0669 2397**

Bank Name: **Maybank Berhad**

Bank Branch: **Shah Alam Branch**

Country: **Malaysia**

\*Note:

1) Payment must be made at least two weeks before the conference

2) Onsite payment is not acceptable

3) Proof of payment to be sent via email to

**zaimah@mte.com.my**

For any enquiries, please contact:

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# EXHIBITION LAYOUT - PLAN

## Marina Foyer

