Organized by:

Institute of Materials, Malaysia
Under IMM Corrosion Committee

HRDF CLAIMABLE

1-Day Conference on

CORROSION UNDER INSULATION

THEME: EFFECTIVE CUI MANAGEMENT

Date : 13th October 2016
Venue : Level 1, Corus Hotel, Kuala Lumpur
Time : 8.30 am - 5.00 pm

For years, the oil & gas, petrochemical, power, oleo-chemicals, marine and infrastructure facilities had faced Corrosion Under Insulation ("CUI") problems with their cold and hot insulated equipment and pipes. The CUI problems have been attributed to one or more of the following factors:

(1) Incorrect selection and/or installation of insulation materials.
(2) Incorrect selection and installation of insulation/cladding systems.
(3) Incorrect selection and/or application of protective coating systems under the insulation.
(4) Inadequate Inspection and Monitoring of the performance of the materials under the insulation.
(5) Physical and/or mechanical damage to the insulation/cladding systems.
(6) Use of incorrect inspection technique for CUI detection.
(7) No effective CUI surveillance and inspection strategy and plan.

To-date, there has been mainly Quick-Fix Solutions and short-term repairs but no effective long term solutions. This conference is aimed at bringing together experiences, knowledge and ideas to try and tackle this problem in a holistic way going forward. Presenters from the industry and academia involved in plant/facilities operations & maintenance, inspection & monitoring, protective coatings, insulation, cold & hot processes, etc will be gathering at this event to present their knowledge and sharing their experiences. The time spent today to prevent and manage CUI will improve plant/facilities safety and reliability, and reduce its life cycle costs.

Participant Registration Fees:

IMM Member	RM 700 + RM 42 (6% GST) = RM 742.00
Non- IMM Member	RM 800 + RM 48 (6% GST) = RM 848.00

IMM CORROSION COMMITTEE (2016-2018)

Chairman	:	Ir. Ong Hock Guan (Sarawak Shell Berhad)
Deputy Chairman	:	Ir. Dr Mokhtar Che Ismail (Universiti Teknologi PETRONAS)
Secretary	:	Syarifah Nazliah Syed Abdul Rahman (BSSTech CP (M) Sdn Bhd)
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		Dr. Hamed Mohebbi (PETRONAS)
		Dr. Kee Kok Eng (Universiti Teknologi PETRONAS)
		Dr. Lee Chee Hong (Synergy Asset Integrity Management Sdn Bhd)
		Dr. Mazli Mustapha (Universiti Teknologi PETRONAS)
		Dr. Saeid Kakooei (Universiti Teknologi PETRONAS)
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		Chew Boon Kheng (GPT Resources Sdn Bhd)
		Elizah Samat (Sarawak Shell Bhd)
		Eric Lay Chee Hong (TBSB Engineering Sdn Bhd)
		Kang Kim Ang (Corrtrol Services Sdn Bhd)
		Kok Wai Chee (CSI System Sdn Bhd)
		Mohd Khairi Kadir (ROHRBACK Cosasco Systems Sdn Bhd)
		Nurul Asni Mohamed (PETRONAS Group Technical Solutions (GTS))
		Ong Wei Rex (Corrodynamic Sdn Bhd)
		Tan Chih Wee (Technip Sdn Bhd)

Events Secretariats:

MTE

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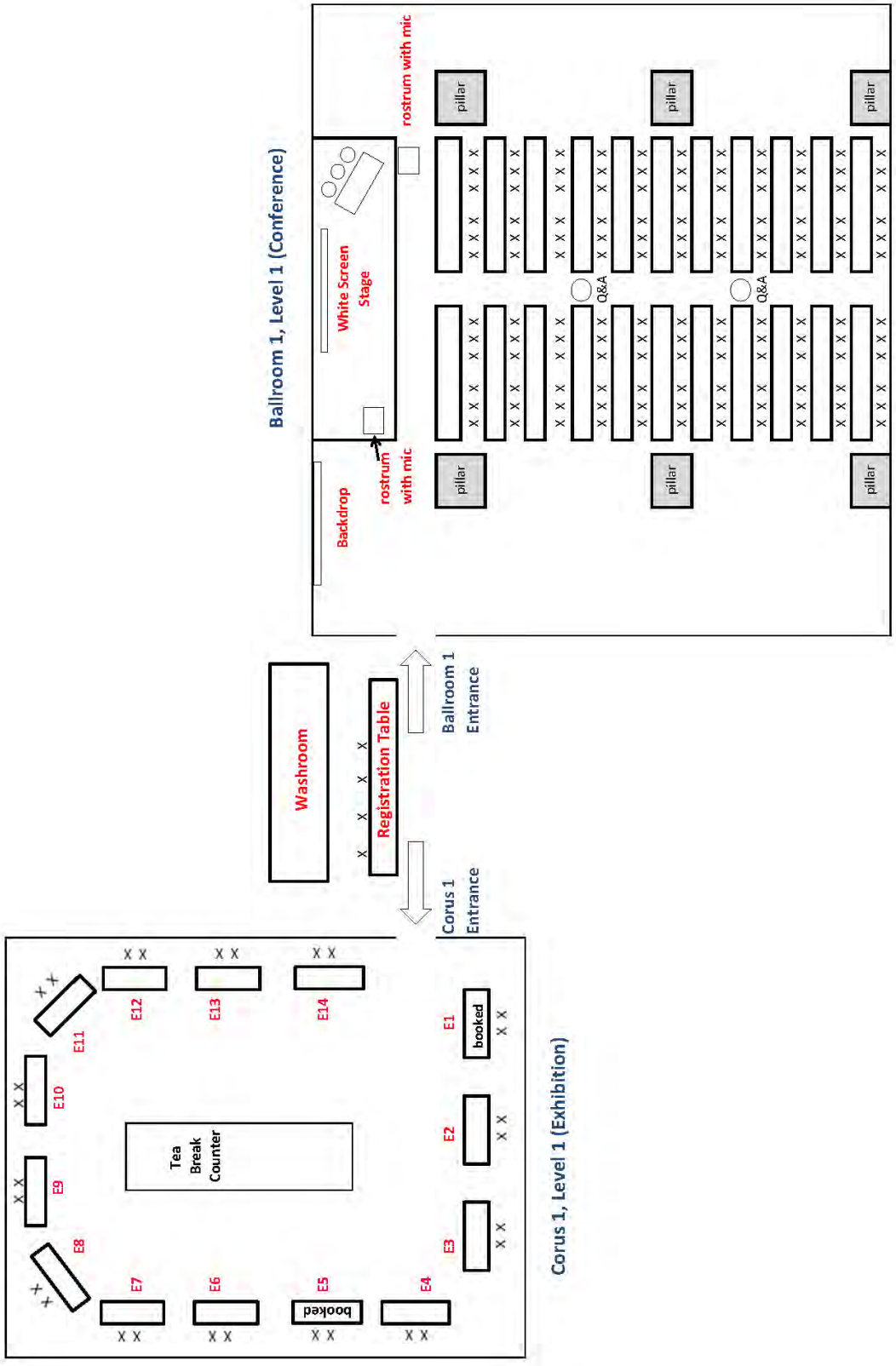
TENTATIVE PROGRAM

IMM 1-DAY CONFERENCE ON CORROSION UNDER INSULATION
13th OCTOBER 2016
BALLROOM 1, LEVEL 1, CORUS HOTEL, KUALA LUMPUR

7:30am	Registration & Light Breakfast
8:30am	Conference Announcements by Master-of-Ceremony
8:40am	Safety Briefing
8:50am	Opening Speech by Mr. Mohd Azmi Mohd Noor, President of IMM
9:00am	**SESSION 1** Chairperson's Introductions
9:05am	**CUI Mitigations — A System Approach via NACE Standard SP0198-2010** (*Mr. Benson Soon, The Sherwin-Williams Company)*
9:25am	Q & A
9:30am	**Prevention of Chloride Stress Corrosion Cracking (CSCC) using Thermally Sprayed Coating (TSC)** (*Mr. Rehan Ahmed, PETRONAS Carigali Sdn Bhd*)
9:50am	Q & A
9:55am	**Ultrathin Thermal Insulation Technology** (*Ms. Elena Alexandrova, Synergy Spectacular Sdn Bhd)*
10:15am	Q & A
10:20am	**COFFEE/TEA BREAK @ CORUS 1**
10:45am	**SESSION 2** Chairperson's Introductions
10:50am	**Utilization of Magnetostrictive Sensor (MsS) Inspection for CUI Piping Inspection at MLNG** (*Mr. Jeremy Yeo, Malaysia LNG Sdn Bhd)*
11:10am	Q & A
11:15am	**Strategy on CUI Assessment and Mitigation in Shell Malaysia Exploration and Production (SMEP)** (*Mr. Mohd Hafiz Zakaria, Shell Malaysia*)
11:35am	Q & A
11:40am	**CUI: Determination of Base Metal Condition as an Essential Requirement for Risk Based Inspection (RBI) Application for the Integrity Management of Offshore Carbon Steel Pressure Equipment and Piping** *(Dr. Hamed Mohebbi, PETRONAS)*
12:00noon	Q & A
12:05pm	**Operational Challenges in Dealing with CUI in Power Sector** (*Mr. Mohamad Lutfi Samsudin, Malakoff Power Berhad)*
12:25pm	Q & A
12.30pm	**LUNCH & VISIT TO EXHIBITION HALL @ CORUS 1**
2:00pm	**SESSION 3** Chairperson's Introductions
2:05pm	**Quantitative Acoustic Emission Test Method for Detection, Prevention, Monitoring and Predicting Methods** *(Eng. Talmor Suchard, Sentro Technologies USA)*
2:25pm	Q & A
2:30pm	**Proposing a CUI Testing, Detection, Prevention, Monitoring and Predicting Methods** (*Ir. Dr. Mokhtar Che Ismail, Universiti Teknologi PETRONAS*)
2:50pm	Q & A
2:55pm	**CUI Management, from Engineering Design Perspectives** (*Dr. Lee Chee Hong, Synergy Asset Integrity Management Sdn Bhd)*
3.15pm	Q & A
3.20pm	**COFFEE/TEA BREAK @ CORUS 1**
3:45pm	**KEYNOTE PRESENTATION** **Corrosion Under Insulation (CUI) is a Credible Threat to Asset Integrity** (*Ir. Ong Hock Guan, Sarawak Shell Bhd & Chairman of IMM Corrosion Committee)*
4:15pm	**PANEL DISCUSSION**
4:45pm	Closing Remarks
5:00pm	**ADJOURN**

LAYOUT


Ballroom 1, Level 1 (Conference)
rostrum with mic
pillar
White Screen
Stage
Q&A
Backdrop
rostrum
with mic
Washroom
Registration Table
Ballroom 1
Entrance
Corus 1
Entrance
Tea
Break
Counter
booked
E1
E2
E3
E4
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E12
E13
E14
Corus 1, Level 1 (Exhibition)

REGISTRATION FORM

Conference Delegates (please tick √) ☐

CATEGORY	FEES
IMM Member	☐ RM 700 + RM 42 (6% GST) = **RM 742.00**
Non - IMM Member	☐ RM 800 + RM 48 (6% GST) = **RM 848.00**

No	Delegates Name	Company Name	Contact Number	Amount
1				
2				
3				
4				
			Total	

**Please provide the conference delegate name at the above table*

Table-top Exhibition Stand (please tick √) ☐

Fees : RM 2, 500 + RM 150 (6% GST) = **RM 2, 650.00**

Table-top Exhibition Stand package included :
i) 1 Promotional Table with 1 Chair
ii) 1 Pass for Conference Delegate

Note** : *a) Extra delegate will be charge at RM 500 + RM 30 (6% GST) = **RM 530.00/ Pax.
b) Exhibition stand does not come with a wall. Exhibitors are advised to bring their buntings with stand to be placed around the table

Table-top Exhibition stand No	No	Company Name	Contact Person	Contact Number	Amount
☐	1				
☐	2				
				Total	

***Note** : Please write you promotional table no at the above table.

CONTACT PERSON					
Name					
Company name					
Company address					
Tel. No. (Office)		**Mobile no.**		**Fax No.**	
Email address					

Please visit our website at **www.iomm.org.my** for more info and **click here** for online registration.

Payment must be made by Cheque, Telegraphic Transfer & Bank Draft to:

Account Name : Materials Technology Education Sdn Bhd
Account No : 00100 311 204
Swift Code : HLBBMYKL
Bank Name : Hong Leong Bank (M) Berhad
Bank Branch : Kuala Lumpur Main Branch
Country : Malaysia

***Note**:*
1) Payment must be made at least one week before the conference.
2) We do not accept onsite payment.
3) Proof of payment to email to person in charge as below.

For any enquiries, please contact :

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Ms. Siti Rozana Abd Karim, mobile tel: (+6)017-705 2934, email: rozana@mte.com.my

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