

INSTITUTE OF MATERIALS, MALAYSIA

IMM CORROSION CONFERENCE & EXHIBITION

Theme : Advancement in Inspection & Corrosion Control
3rd & 4th November 1999
Glenmarie Pan Pacific Hotel
Shah Alam

Register now using the registration form inside !

A very important event, not to be missed by everyone who are faced with corrosion and inspection issues !



A PUBLICATION OF THE INSTITUTE OF MATERIALS MALAYSIA

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COUNCIL MEMBERS FOR 1998-2000 SESSION

Ir. Mohd. Raziff Embi (Teknik Janakuasa S/B) – *Deputy Chairman, Corrosion Committee*

Mr. David Lim Chee Cheong (Esso Production (M) Inc.) – *Head, Coatings Sub-committee*

En. Zainuddin Ishak (Petronas Gas Bhd) – *Deputy Chairman, Southern Region Committee*

En. Mohd. Adaham Abdullah (Petronas Carigali S/B) – *Deputy Chairman, Sarawak & Sabah Committee*

Dr. Ong Eng Long (Malaysian Rubber Board) *Chairman, Polymers Committee*

Dr. Esah Hamzah (University Teknologi Malaysia) *Chairman, Southern Region Committee*

Mr. Kang Kim Ang (Steelcon Fluid S/B) – *Chairman, Corrosion Committee*

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Prof. Madya Dr. Teh Ser Kok (Universiti Malaya) – *Deputy Chairman, Welding Committee*

Dr. Lim Ching Liang (METACOS S/B) – *Chairman, Welding Committee*

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Puan Wan Zaharah (SIRIM Bhd) – *Chairman, Ceramics Committee*

Mr. Chong Chien Fatt (Ancom Berhad) – *Chairman, Social Activities Committee*

Mr. Bob Phang (Haven Corrosion Engineering S/B) – *NACE Liaison*

En. Abdul Menim A. Shakir (Petronas Penapisan (T) Sdn Bhd) – *Chairman, East Coast Committee*

INTERNAL AUDITORS (1999/2000)

Pn. Siti Haslina - Petronas Research & Scientific Services

Dr. Ahmad Mahir Makhtar – Universiti Teknologi Malaysia. Skudai

EXTERNAL AUDITORS (1999/2000)

Er & Associates

PRESIDENT'S CORNER

Our thinking process is governed by three main things viz. our objective, our knowledge and our values. Therefore, the result of our thinking process would be very much dependent upon our own objectives e.g. whether to solve a given problem, to decide on a career move or to understand the behavior of a new material. It will also depend on the knowledge that we have. A knowledgeable person will arrive at a different set of conclusions or solutions from an ignorant person when confronted with the same set of problems. That is why we need to educate ourselves so that we can think better and arrive at more useful conclusions.

Our system of values however determines the "boundary" of our solutions. It measures and limits the range of options available to us to solve our problems. For example, we do not rob a bank even though we are desperately in need of money because it is not permitted by our values.

Human understanding and knowledge of materials has progressed over the centuries from our rudimentary knowledge of natural materials such as rocks and wood to be used as mechanical aids to our present ability to manufacture and manipulate the properties of materials to suit our requirements.

The command of the Science and Technology of Materials has therefore enable mankind to stretch the limits of performance of machines and devices to be stronger, operate at extreme temperatures and be manipulated to suit the needs of our lives. It is an "enabling" technology because it enables mankind to attain our dreams which would otherwise remains impossible due to limitations imposed by the shortcomings of materials. All the advanced devices that we take for granted today such as microcomputers, mobile telephones and super efficient aeroplanes are the result of our better knowledge and understanding of materials.

Dr. Samad Solbai

ADVISOR 'S CORNER

I read the joke about the conversion of Y2K as understood by a highly-place politician through the Internet (of course..!). The politician reported to his superior that he has done everything possible in this Y to K business. Okay the things that he did was convert all Y's to K's. Hence some of his colleagues whose names has Y's has been asked to change so K's and their I/C's has to be altered likewise! (So goes the story!)

Jokes aside, the Y2K problem is with us now. The problem is not a joke! It is a serious business.

Various reports has stated that by the beginning of year 2000, almost 50% of all business that has not sorted out and solved their Y2K bug would fall apart. Besides being deadly and expensive, the problem effect hardware, embedded firmware, languages and compilers, DMS transaction processing systems, banking systems, PBX, flight scheduling operating systems and any other system that deals with dates.

Need I say more? The question to ask, ourselves is: Are we ready....?

If not, how do we tackle it at this late stage? Is there a quick fix solution? How much does it cost? etc etc.

Whatever the answer to the above, I hope all our members who are involved in managing companies are prepared.

Let us all wish ourselves well in dealing with this 'bug'.

Dato' Dr. Hj Mohd. Mansor Salleh

REPORT FROM THE PUBLICATIONS COMMITTEE

The first JIMM is being edited.

SECRETARIAT NEWS

The IMM has registered its own E-mail address

iomm@po.jaring.my

Two new working committees have been formed in September 1999: The IMM Fabrication Technology Committee with Ir. Mohd. Suradi Yasin as Chairman and Ir. Tee Yin Tiong as Deputy Chairman; The Materials Consultancy Committee with Mr. David Lim Chee Cheong and En. Mohd. Adaham Abdullah as Joint-Chairman.

As of September 1999, the Institute has 236 registered members.

SOCIAL ACTIVITIES COMMITTEE

The Social Activities Committee wishes to express its gratitude to the following companies who have sponsored the various golf games in conjunction with IMM Council Meetings and Corrosion Conference Organizing Committee Meetings from May 15 to Sept 30, 1999.

- MPE Lindung Sdn Bhd
- Ancom Energy & Services Sdn Bhd
- Guan Institute
- International Coatings (M) Sdn Bhd
- Shinsho (M) Sdn Bhd
- Teknispek Sdn Bhd

Committee Members

En. Hamizan Mohd Derus (*Teknispek Sdn Bhd*)
Mr. Dennis Tan (*Shinsho*)
Mr. Roland Fong (*International Coatings*)
Mr. Eng Kim Leng (*Farlim Management*)
Mr. Lim Liang Tan (*Kumpulan Kesuma*)

- Jotun (M) Sdn Bhd
- Enviropeel International Ltd.
- Sime Leigh Sdn Bhd
- Haven Corrosion Engineering Sdn Bhd
- Salamis (U.K.) Ltd.

The Social Activities Committee will be planning two (2) short seminars on Total Quality Management (TQM) and People Skills Management (KYKO) in the coming months.

Below are the short write-ups on the above. If our members have other interesting topics which you feel would benefit other fellow members, please notify the Institute for our follow-up.

Total Quality Management – What It Is

FORD, GM, IBM, HP, INTEL, TOYOTA, MOTOROLA and many multinationals, what do they have in common? They all build their successes on Total Quality Management. What are the secret underpinning TQM that make it a management of the 21st century? Simply put TQM is an operation based on the following:

- Adopting quality management system
- Humanising the workplace by respecting humanity
- Enhancing the competitive advantage by continuous improvement, benchmarking and innovation based on customer needs and wants
- Leadership by example, top-down and across all functions and levels
- Continous Education and Training, and creatively involving all people.

TQM is not panacea. However, it is a very powerful transformation program for companies wishing to upgrade the management capabilities. The current practice most companies adopted is grossly incapable to meet the challenge of the future. Pundits predict that without TQM, most companies will perish within the next decade.

KNOW YOURSELF & KNOW OTHERS (KYKO)

Rationale : Know Yourself + Know Others = Success

Know yourself and know others (KYKO) is a program to help you to develop your people know-how and to achieve success in life. It is a workshop for dynamic and successful people and those who desire to make things happen through effective people management.

KYKO is for those who want take charge of their own lives and chart their destiny is whatever decision they make turn their dreams, visions and expectations into reality.

KYKO helps you to see yourself and the world in the right perspective and enables you to consciously adapt yourself to others and to the environment for a happier, more peaceful and more meaningful life.

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CORROSION COMMITTEE

COMMITTEE MEMBERS

Mr. David Lim Chee Cheong (EPMI) – Head Coatings Sub-Committee
 En. Zainuddin Ishak (Petronas Gas) - Head, Cathodic Protection Sub-Committee
 Pn. Hasnah Abdul Wahab (SIRIM) – Head, Inhibitors Sub-Committee
 Mr. Chan Yoke Son (Renold)
 En. Hasbullah Abu Hassan (Petronas Carigali)
 Ir. Mohd. Tajuddin Romli (PPMSB)
 Mr. Low Keh Teong (Jotun)
 Mr. Roland Fong (International Coating)
 Mr. Mark Hew Yoon Onn - (Universal Corrosion Engineering)
 Mr. Frankie Chua (PLC Laboratory Sdn Bhd)
 Dr. Teh Ser Kok –(Universiti Malaya)
 Mr. Ting Lai Leong (AEI)
 Mr. Leslie C.K. Soo (Sandvik (M) Sdn Bhd)
 Mr. Gary J. Bennet (Sime Leigh Sdn Bhd)
 Mr. Steve Yeong (Esab (M) Sdn Bhd)
 Dr. Mohd. Kamal (ITM, Jengka, Pahang)
 En. Noor Hisham Ab. Hamid (Malaysian Electroplating Technology)
 Mr. Gary Toft (Enviropeel International Ltd.)

PLANNED DATES FOR COURSES 1999

Item	Courses	Dates	Location
1.	Corrosion Control by Protective Paints For Manager	Nov 15 –16	K.Lumpur/P.Jaya
2.	Coatings Inspector Course	Nov 15 -18	K.Lumpur/P.Jaya
3.	Cathodic Protection	Nov 15 -18	K.Lumpur/P.Jaya

Schedule of IMM-Coral Protective Coatings Technician Training

Month	Company	No. of candidate
Sept 99	Tioxide Haunstman (M) Sdn Bhd	10
	Protank (M) Sdn Bhd	9

COMPLETED COURSES CONDUCTED BY GUAN INSTITUTE

2-5 OCTOBER 1999 - COATINGS INSPECTOR COURSE AT BINTULU, SARAWAK

Chairman
 Kang Kim Ang
 VCI (Malaysia) Sdn Bhd
 No. 48, Jalan TPJ 10,
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SOUTHERN REGION COMMITTEE

Committee Members

Mr. Michael Fong – <i>International Coatings (Member)</i>	En. Azhar Abdul Latif – <i>Malaysia Shipyard & Eng (Member)</i>
Dr. Ahmad Mahir Makhtar - <i>Faculty of Chemical Engineering, UTM (Member)</i>	En. Noor Hisham Ab. Hamid – <i>Faculty of Mechanical Engineering, UTM (Member)</i>
Assoc. Prof. Azmi Kamis – <i>Faculty of Chemical Engineering, UTM (Member)</i>	Puan Astuty Amrin – <i>Faculty of Mechanical Engineering, UTM (Member)</i>
Ab. Razak Hj. Bakri – <i>Petronas Pasir Gudang (Member)</i>	Cik Norhayati Ahmad – <i>Faculty Mechanical Engineering, UTM (Member)</i>

The Southern Region Committee has been active in organising various activities for the past few months, thanks to the support from members and student members.

The IMM-Coatings Course was successfully organised by Guan Institute on 26-29 July 1999 at Hotel Selesa, Pasir Gudang, Johor. This was followed by another educational activity jointly organised by IMM Southern Region and “Kelab Bahan” of Universiti Teknologi Malaysia (UTM). This educational and industrial visit received encouraging response from about 40 members and UTM students. Places of visit all based in Pasir Gudang area, Johor include:

1. Sime Semcorp Eng Sdn. Bhd.
2. Johor Port Container Service
3. All Park Galvanizing Service
4. Chugoku Paints Sdn Bhd
5. Firgee Engineering Sdn Bhd
6. Toyo Rubber (M) Sdn Bhd

IMM Southern Region Committee has also organised a social activity namely, a Bowling Tournament for members and UTM students. The Tournament which was held on 4 August 1999 at Pemas Jaya, Johor Bahru also received good response from about 50 enthusiastic participants.



PARTICIPANTS OF THE IMM – COATINGS INSPECTOR COURSE AT HOTEL SELESA, PASIR GUDANG

Chairman

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 Head, Department of Material Eng.
 Faculty of Mechanical Engineering
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Secretary/Treasurer

En. M. Aniq Naqin Abdullah
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INSTITUTE OF MATERIALS, MALAYSIA
 (Formerly the Malaysian Materials Science & Technology Society)

The Malaysian Materials Science & Technology Society (MMS) was registered with the Registrar of Societies on 6th November, 1987. The MMS was actively promoting the awareness of Materials in Malaysia since 1988. In 1996, with a newly-elected Council, the change of name to the Institute of Materials, Malaysia (IMM) was submitted to the Registrar of Societies and approved on 16th June 1997. The new name was to be synergistic with the rest of the world. For example in the case of the United Kingdom, The Institute of Metals, The Institute of Ceramics and The Plastics & Rubber Institute were merged into a single Institute of Materials in 1992 where its Members are recognised as professionals with the status of a Chartered Engineer (C.Eng).

Membership to the IMM is open to all individuals and companies interested in developing the contribution of Materials science, technology and engineering towards industrial growth in Malaysia. The technology of Materials is advancing day-by-day throughout the world. We, in Malaysia, must keep up with the pace of technological advancement.

The objectives of the IMM include the training and development of individuals and companies in Malaysia to attain professional recognition in various fields of Materials science, technology and engineering. Materials cover a very wide field such as metals, polymers, rubber, wood, concrete, ceramics, semiconductors, advanced materials, cellulose, textiles, etc. Membership to the IMM will enable networking and exchange of knowledge from a very wide variety of specialized areas of expertise.

The longterm objective of the IMM is to attain professional status for its members in line with that which is accorded to the other disciplines of engineering.

The IMM is also committed to seeking affiliations with overseas Materials and Engineering/Scientific professional institutions to gain access to technological developments worldwide. This will ensure that we, in Malaysia, will not be left behind.

MEMBERSHIP APPLICATION FORM
(Confidential)



AFFIX
 PHOTO
 HERE

APPLICATION FOR COMPANY MEMBER/ORDINARY MEMBER/STUDENT MEMBER*
(Only Ordinary Members can apply for upgrade to Associate Member/Corporate Member/Fellow Member. Please request for the relevant application form from the IMM Secretariat)

(I) FOR ORDINARY MEMBERSHIP (STUDENT MEMBERS ALSO TO FILL UP THIS PART)

PERSONAL PARTICULARS (photocopy of I.C./Passport to be submitted)

NAME IN FULL (MR/MS/DR/.....): _____
 (BLOCKS LETTERS)

RESIDENCE/POSTAL ADDRESS : _____

TELEPHONE NO : HOUSE _____ HANDPHONE NO: _____

PLACE OF BIRTH : _____ DATE OF BIRTH : _____

NATIONALITY : _____ PASSPORT/I.C. NO : _____

NAME OF EMPLOYER/COMPANY

TITLE OR POSITION : _____

ADDRESS : _____

TELEPHONE NO

FAX NO :

E-mail :

(II) COMPANY MEMBERSHIP (COMPANY PARTICULARS)

COMPANY NAME: _____

COMPANY REGISTRATION NUMBER : _____

ADDRESS : _____

TELEPHONE NO : _____ FAX NO: _____ E-mail NO : _____

PRINCIPAL REPRESENTATIVE (MR/MS/DR/.....) :

AFFIX PHOTO HERE

ALTERNATE REPRESENTATIVE (MR/MS/DR/....) :

AFFIX PHOTO HERE

POSITION: _____

POSITION: _____

(III) FOR STUDENT MEMBERSHIP ONLY

COURSE OF STUDY : _____ YEAR OF STUDY : _____

NAME OF UNIVERSITY/COLLEGE : _____

ADDRESS : _____

TELEPHONE NO _____ FAX NO: _____

The above student is allowed to join the Institute

Signed : _____

Name : _____

Designation : _____

University/College Chop

Date: _____

INDICATE INDUSTRY INVOLVED OR INTERESTED IN :-

METALLURGY	()	CORROSION PROTECTION	()
MATERIALS FAILURE	()	COMPOSITE MATERIALS	()
MATERIALS DESIGN	()	CONCRETE TECHNOLOGY	()
MATERIALS RESEARCH	()	WOOD TECHNOLOGY	()
POLYMER TECHNOLOGY	()	EDUCATIONAL INSTITUTION	()
CERAMICS TECHNOLOGY	()	OTHERS (SPECIFY)	_____
WELDING	()		

I/We hereby accept responsibility for the accuracy of the particulars contained in this application form.

Date : _____

Signature : _____
(and Company Stamp)

Proposer : _____
Name : _____

Secunder : _____
Name: _____

Membership Grade & No: _____ Membership Grade & No: _____

* Delete whichever not applicable.

NB : If proposer and secunder cannot be sourced, mail this form to the Secretariat for assistance.

ENCLOSED IS MY/OUR CHEQUE/BANK DRAFT/MONEY ORDER NO: _____
FROM BANK _____ FOR THE AMOUNT OF _____
RM _____

REGULATION GOVERNING ADMISSION AND TRANSFER
OF MEMBER GRADES

SECTION 1 MEMBERSHIP

1.1 General Rules on Memberships

- 1.1.1 The Council shall establish a Memberships Committee which will be responsible for review of applications for transfer of membership grades. The Memberships Committee shall recommend transfers for Council approval at Council Meetings. All grades of memberships are awarded at the discretion of the Council and may be withheld or withdrawn in the event of conduct likely to prejudice the standing of the Institute. Every member shall receive a membership certificate.
- 1.1.2 The Memberships Committee shall be responsible for drafting the "Regulations Governing Admission and Transfer of Member Grades" for Council approval. Such regulations may be changed from time to time subject to Council approval.
- 1.1.3 Every application for membership shall be proposed and seconded according to these regulations and shall be forwarded to the Honorary Secretary who shall, at the first convenient opportunity, submit it to the Council for approval. The Council may at its discretion reject any application without assigning any reason thereof.
- 1.1.4 Each company on admission shall be entitled to nominate one representative to exercise all rights of membership. Only representatives of Company membership, Fellows (F.I.M.M.), Corporate Members (M.I.M.M.), and Ordinary members shall have the right to vote and to hold office in IMM.
- 1.1.5 Only Malaysian Citizens, and Blue Identity Card Holders can become Ordinary Members, Associate Members (A.M.I.M.M.), Corporate Members (M.I.M.M.) and Fellow Members (F.I.M.M.) with voting rights. Foreigners and Red Identity Card Holders can join similar grades but shall have no voting rights.

1.2 Grades

1.2.1 Honorary Fellow (Hon. F.I.M.M.)

The Council shall have the power to elect Honorary Fellows who shall be persons of eminence in science or industry. The election shall be based on a majority vote within the Council. Honorary Fellows shall enjoy such privileges as may from time to time be determined by the Council.

1.2.2 Fellow (F.I.M.M.)

A person at least 35 years of age with approved academic qualifications, training and 8 years relevant responsible experience who has made significant contributions to the science and practice of profession of Materials Science and Engineering or has given distinguished service to industry or education.

1.2.3 Corporate Member (M.I.M.M.)

A person at least 25 years of age, with approved academic qualifications and training, having at least 3 years responsible experience in Materials Science and Engineering. OR
A person at least 40 years of age, with at least 15 years of experience with practical responsibility, as demonstrated by thesis/dissertation or report and interview.

1.2.4 Associate Member (A.M.I.M.M.)

A person at least 25 years of age, who possesses an interest in Materials Science and Engineering but have not acquired the necessary experience or obtained the qualifications governing entry to Member grade. An Associate Member, on obtaining the necessary qualifications, may apply for transfer to Member grade.

1.2.5 Company Member

Any company that is involved or has interest in Materials Science and Engineering will be qualified to join as a company member.

1.2.6 Ordinary Member

Any person above the age of 18 years engaged in activities related to research, development and applications in Materials Science and Engineering shall qualify for Ordinary Membership. Only Ordinary Members who meet the necessary minimum requirements may apply for transfer to membership grades of Fellow, Member and Associate Member and may use the abbreviated titles upon transfer.

1.2.7 Student Member

A student member shall be a person not under 17 years of age who at the time of application satisfies the Council that he has received a good general education and is studying subjects related to Materials Science or Engineering. A student member shall transfer to the grade of Ordinary Member after graduation provided he or she is suitably qualified and as soon as he or she is earning a full-time salary. A Student shall not become a member of the IMM without the prior approval of the Vice-Chancellor or Head of Department of the university or relevant authority concerned.

SECTION II ADMISSION, ELECTION AND TRANSFER

2.1 Applications

Admission and election to membership of the Institute and transfer in grades of membership therein shall be effected through voluntary application from persons qualified under the Rules for such membership.

2.2 Honorary Fellow

An Honorary Fellow shall be elected by the unanimous vote of a meeting of the Council at which not less than two thirds of the members of the Council are present.

2.3 Fellows

Every proposal for transfer of a Member to the grade of Fellow shall be according to such form as the Council may prescribe. This proposal form, having been subscribed by four Corporate Members (MIMM) of whom at least two shall be Fellows (FIMM), and delivered, duly completed, to the Honorary Secretary, shall be submitted to the Council, who, subject to conditions herein before set forth, may, if they think fit, approve the proposed transfer.

2.4 Corporate Members and Associates

Any person desirous of being elected to a Corporate Member or Associate shall be proposed and seconded according to such form as the Council may prescribe. The proposal form shall be signed by one Fellow (FIMM) and one Corporate Member (MIMM). The proposer and seconder shall certify from personal knowledge of the candidate that he is a fit and proper person for consideration of the Council for membership in the Institute.

2.5 Ordinary & Students

2.5.1 Each candidate for admission to the grade of Ordinary, or for transfer from Student to Ordinary, shall have his application form signed by a Corporate Member (MIMM).

2.5.2 Each candidate for admission to the grade of Student shall have his application form certified by a Corporate Member (MIMM) or by his employer or by a Head of Department of a teaching Institution who shall certify that the candidate is receiving or has received the required education and training.

2.5.3 No person who is eligible for admission to the grade of Ordinary Member shall be admitted to the grade of Student or remain in the grade of Student.

SECTION III FEES AND ANNUAL SUBSCRIPTIONS

3.1 Schedule of Fees

Grade	Entrance Fee	Processing Fee	Transfer Fee	Annual Subscription
Fellow (FIMM)	-	RM300.00	RM10.00	RM70.00
Corporate Member (MIMM)	-	RM150.00	RM10.00	RM50.00
Associate Member (AMIMM)	-	RM150.00	RM10.00	RM30.00
Company Member	RM50.00	-	-	RM200.00
Ordinary Member	RM20.00	-	-	RM20.00
Student Member	RM10.00	-	-	RM5.00

NB: All payments to be made out by crossed cheque, Bank Draft, or Money Order to "Institute of Materials, Malaysia". All applications must be accompanied by the appropriate payments.

3.2 Annual subscriptions shall be payable in advance on 1st January of each year. Any person who is admitted into the IMM between 1st July and 31st December in any year shall pay only 50% of the annual subscription.

SARAWAK & SABAH COMMITTEE

Committee Members :-

Mr. Telajan Luyoh (*ex-Dayang Enterprise*)
 Dr. Edwin Jong Nyon Tchan (*Sarawak Shell Bhd*)
 En. Awangko Sa'Adenan (*Petronas Carigali S/B*)
 En. Juhari Husin (*Velosi (M) Sdn Bhd*)
 Mr. Robert Lo (*International Coatings Sdn Bhd*)

Mr. Wong Siong Pin (*Jotun (M) Sdn Bhd*)
 Mr. Tan Chuan Bee (*MLNG*)
 Dr. Ha (*UNIMAS*)
 En. Zamri Zakaria (*Velosi (M) Sdn Bhd*)

Chairman
 Puan Maimunah Ismail
 EPT-MCS
 Sarawak Shell Berhad
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Deputy Chairman
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Secretary/Treasurer
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 98000 Miri, Sarawak
 Tel:085-439346 Fax:085-439348

WELDING COMMITTEE

Committee Members :-

Mr. Derek Yeo - (*ABS Industrial Verification*)
 En. Zainuddin Ishak -(*Petronas Gas Bhd., Segamat*)
 Mr. Doon Sooi Leng - (*OIS Inspection Services S/ Bhd.*)
 Mr. Tee Kim Tsew - (*Lott Inspection Sdn. Bhd.*)
 En. Hasbullah Abu Hassan - (*Petronas Carigali*)

Chairman
 Dr. Lim Ching Liang
 METACOS
 20, Jalan U5/17(PS)
 Seksyen U5 (Panasuria)
 40150 Bandar Shah Alam,, Selangor
 Tel :03-7450730/40 Fax : 03-7450739
 email : metalim@pc.jaring.my

Deputy Chairman
 Dr. Teh Ser Kok
 Universiti Malaya
 Dept Mechanical Engineering
 Pantai Valley
 59100 Kuala Lumpur
 Tel & Fax : 03-7595265
 tks@fk.um.edu.my

Secretary/Treasurer
 Vacant

CERAMICS COMMITTEE

Chairman
 Puan Wan Zaharah Wan Mohamad
 Sirim Berhad
 1, Persiaran Dato' Menteri
 Seksyen 2, PO Box 7035
 40911 Shah Alam
 Selangor
 Tel: 03-5567861 Fax:03-5567867
 Email : menim@petronass.com.my

Deputy Chairman
 Vacant

Secretary/Treasurer
 Vacant

Tel Fax

Tel: Fax:

POLYMERS COMMITTEE

Chairman Dr. Ong Eng Long Rubber Research Institute Malaysia 260, Jalan Ampang 50450 Kuala Lumpur Tel :03-4560514 Fax : 03-4511301 email : drong@pop.jaring.my	Deputy Chairman Vacant Tel Fax :	Secretary/Treasurer Vacant Tel: Fax:
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EAST COAST COMMITTEE

Committee Members

Mr. N. Narendran (*Petronas Carigali S/B*)
Mr. Don Lefevre (*Esso Production (M) Inc.*)
Mr. Lim Kong Soon (*Tepat Teknik Sdn Bhd*)
En. Rahim Bin Bumim (*Ethylene Malaysia S/B*)
Mr. K.Y. Sham (*Petropipe Socotherm S/B*)
Mr. Graham Cowan (*Petropipe Socotherm S/B*)
En. Muhd. Hasbi Abd. Razak (*Petronas Carigali*)
En. Raja Zahiruddin (*Petronas Carigali S/B*)
Mr. Harry Woon (*Bredero Price Sdn Bhd*)
Mr. Woo Kok Low (*Esso Production (M) Inc.*)
En. Senu Md. Noor (*Petronas Penapisan (T) S/B*)
En. Aznan Bidin (*Bredero Price Sdn Bhd*)
En. Mohd. Zuhaimi Zubir (*Petronas Penapisan (T) S/B*)

The East Coast Committee will organize a Coatings Seminar in Kuantan on 21st October, 1999. The theme of the seminar is "New Coating Technologies".

The East Coast Committee welcome ideas and suggestions from members for more activities of beneficial interest in the East Coast. Please contact any of the committee.

Chairman En. Abdul Menim A. Shakir Petronas Penapisan (T) Sdn. Bhd. 24300 Kerteh Terengganu tel: 09-8283600 fax:09-8271364 email : menim@petronass.com.my	Deputy Chairman En. Mohd Sulastry Salleh Esso Production (M) Inc. Kompleks ESSO PO Box 1 24207 Kemasek, Terengganu tel:09-8654611 fax:09-8654712	Secretary/Treasurer Mr. Harry Woon Bredero Price (M) Sdn Bhd 16 Ms., Kuantan-Kemaman Road, 25720 Kuantan, Pahang. tel:09-5833131 fax: 09-5833336
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COMPANY ADVERTISEMENT



- Conventional Non-Destructive Testing
- UT Corrosion Mapping-ANDSCAN
- Radiographic Testing (Co-60) for Steel 2" to 7" Thickness

Lott Inspection Sdn. Bhd.
 No. 9, Lrg Sg. Rasau 27B, Off Jln Batu Tiga Lama,
 Sg. Rasau Industrial Area, 41300 Klang, Selangor.
 Tel: 0303444071 Fax : 03-3444072
 E-Mail: lottklg@tm.net.my

Head Office: Lott Inspection Sdn. Bhd.
 Lot 3, Lazenda Warehouse, Jln Patau-Patau
 P.O.Box 80648, 87016 Labuan F.T.
 Tel: 087-411925 Fax : 087-413497
 E-Mail : loottbu@tm.net.my



- Corrosion Management
- Impressed Current Cathodic Protection Systems
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- Thermal Sprayed Coatings

Impalloy. Sacrificial Zinc & Aluminium Anodes

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- Miris Protective Coatings & Services

MPE LINDUNG SDN BHD (436376-P)

Head Office:
 Lot 1908, Batu 7, Jln Bukit Kemuning
 42450 Shah Alam,
 Selangor Darul Ehsan, Malaysia.
 Tel: 03-5218228/5219411/2
 Fax: 03-5216116
 E-Mail: mpe@tm.net.my

Miri Office:
 Lot 3070, Commercial Centre,
 Mile 3, Miri-Bintulu Road,
 98000 Miri, Sarawak, Malaysia.
 Tel: 085-439346 Fax: 085-439348

COMPANY ADVERTISEMENT

The IMM Newsletter will feature black & white business-card Company Advertisements at RM150.00 for a size of approximately 4 cm x 6 cm (see example). Contact the IMM Secretariat for the next issue.

CO LOGO

**DESCRIPTION OF BUSINESS
ACTIVITIES**

**COMPANY NAME
ADDRESS
TEL, FAX, E-MAIL**

IMM 1999 CORROSION CONFERENCE & EXHIBITION
3 - 4 NOVEMBER 1999 : THE PAN PACIFIC GLENMARIE HOTEL

Conference Organizing Secretariat
 c/o HenBen Resources Sdn. Bhd. (492174-H),
 B9-8, Menara Pelangi, 50470 Kuala Lumpur.
 Tel: 03-22725002 & Fax: 03-22725003
 David Lim Chee Cheong
 Conference Organizing Committee Chairman

Institute of Materials, Malaysia
 Lot 1908, Batu 7, Jalan Bukit Kemuning
 42450 Shah Alam, Selangor D.E., Malaysia.
 Tel: 03-5218228 & Fax: 03-5219413
 Puan Rohaya Rahim
 Administration Executive

SOUVENIR PROGRAMME & EXHIBITION BOOTHS RESERVATION

ADVERTISEMENT RATES (A4 BOOKLET)

Size/Location	Color	Black & White	Availability
<input type="checkbox"/> * Back Outside Cover Page	RM2,000.00	---	1
<input type="checkbox"/> * Front Inside Cover Page	RM1,500.00	---	1
<input type="checkbox"/> * Back Inside Cover Page	RM1,500.00	---	1
<input type="checkbox"/> Full Page	RM1,000.00	RM800.00	Unlimited
<input type="checkbox"/> Half-Page	RM 800.00	RM500.00	Unlimited

NB: (*) Limited on "First-come-first basis". Positive & Negative Films to be submitted by your organization by Oct. 15,1999

- EXHIBITION BOOTH** (Standard size 3mX3m c/w one table & one chair) * Rental Rate: RM1,500.00 per booth
- LIVE DEMONSTRATION BOOTH** (at carpark -Conference Day 1 only) * Rental Rate: RM500.00 per booth

Yes, we are interested in participating in the IMM Corrosion Conference & Exhibition as indicated above. Please reserve a space (No:.....) for my organization. (*) Limited on "First-come-first basis". Closing date : Oct. 15, 1999.

We hereby confirm our advertisement / exhibition booth rental as ticked above.

Organization name:..... (Attached Business Card)

Contact Person:.....

Postal Address:.....

Telephone:..... Fax:..... E-mail:.....

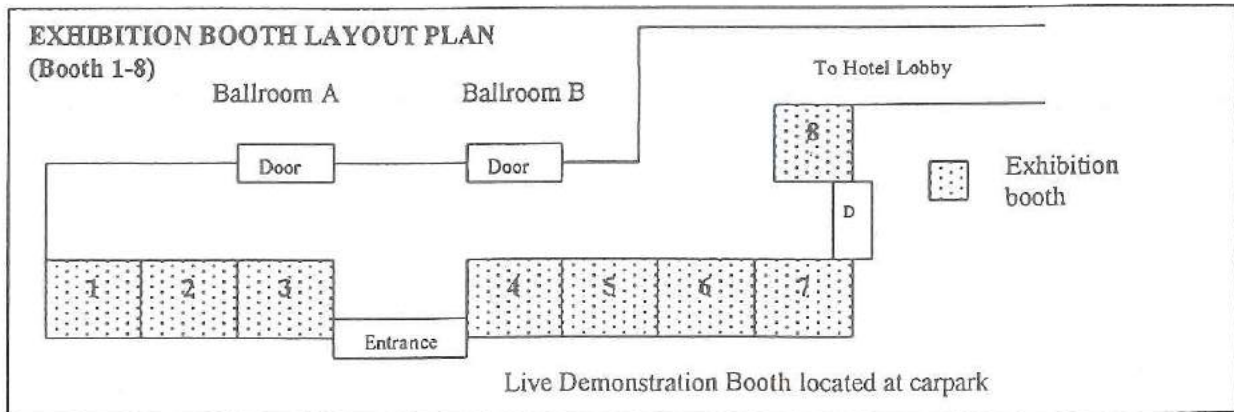
Product/Services for display:.....

We enclose our cheque/bank draft no:..... from Bank.....

for the amount of RM..... made payable to " Institute of Materials, Malaysia "

Enquiries: Kindly contact David Lim at 013-367-1162 or Ms. Lim at 03-2235019 or Fax No: 03-22725003. Booking can be made by fax, but confirmation and availability is upon receipt of full payment.

Disclaimer: IMM reserves the right to postpone or cancel the conference &/or exhibition due to unforeseen circumstances.



IMM 1999 CORROSION CONFERENCE & EXHIBITION
"ADVANCEMENT IN INSPECTION AND CORROSION CONTROL"
3 - 4 November 1999 : The Pan Pacific Glenmarie Hotel

PROGRAMME: DAY 1 - WEDNESDAY, 3 NOVEMBER 1999

- 8.00 a.m. - 8.45 a.m. Registration of Conference delegates.
8.45 a.m. - 9.00 a.m. Arrival of Deputy Minister of Science, Technology and Environment
9.00 a.m. - 9.10 a.m. Welcoming Remarks by Conference Organizing Chairman
9.10 a.m. - 9.20 a.m. Welcoming Remarks by IMM President
9.20 a.m. - 9.45 a.m. Speech by Deputy Minister of Science and Technology
9.45 a.m. - 10.00 a.m. Morning Break (Coffee & Tea Refreshments) & Exhibitions
- Session Chair : Dr. A. Rahim Bin Mohd. Nor, IMM Deputy President (PETRONAS Research Scientific & Services)
Assisted by : Dr. Teh Ser Kok, Deputy Chairman, Welding Committee (Universiti Malaya)
- 10.00 a.m. - 10.25 a.m. P1 - Environment and Its Control by Quality Alam (Malaysia)
10.25 a.m. - 10.50 a.m. P2 - Effect of Surface Contamination on coating life by GMA Garnet (Australia)
10.50 a.m. - 11.15 a.m. P3 - Flakeglass Coating Toward Next Century by Corrocoat (U.K)
11.15 a.m. - 11.40 a.m. P4 - Thermoplastic For Corrosion Protection in Oil & Gas by Environpeel International Ltd. (U.K)
11.40 a.m. - 12.05 p.m. P5 - e-Global Solutions in Corrosion Control & Risk Management by Haven Corrosion Engineering (Malaysia)
12.05 p.m. - 12.20 p.m. Questions and summary of morning session
12.20 p.m. - 1.35 p.m. Complimentary Lunch & Exhibitions
- Session Chair @ 1: Dr. Samad Solbai, IMM President (Shapadu Corporation Sdn. Bhd.)
- 1.35 p.m. - 2.00 p.m. P6 - Trends and Experiences with Thermal Sprayed Coatings in North Sea by Metallization (U.K)
2.00 p.m. - 2.25 p.m. P7 - Exotic Material - Titanium (Title of paper to be confirmed) by KOBE Steel (Japan)
2.25 p.m. - 2.50 p.m. P8 - Fibre Reinforced Plastics Technology in Uncured Composite Form by Fibaroll (U.K)
2.50 p.m. - 3.15 p.m. P9 - Inspection by Abseiling Technique by Technispek (Malaysia)
3.15 p.m. - 3.30 p.m. Questions and summary of Afternoon session @ 1
3.30 p.m. - 3.45 p.m. Afternoon Break (Coffee & Tea Refreshments) & Exhibitions
- Session Chair @ 2 : Mr. Kang Kim Ang, Chairman, Corrosion Committee (VCI Sdn. Bhd.)
- 3.45 p.m. - 4.10 p.m. P10 - Welding Technology - KOBE Steel (Japan)
4.10 p.m. - 4.35 p.m. P11 - IMM Welding Committee (Title of paper to be confirmed)
4.35 p.m. - 5.00 p.m. P12 - Scanning Reference Electrode Technique by ITM (Malaysia)
5.00 p.m. - 5.15 p.m. Questions and Summary of Afternoon session @ 2
- Exhibitor - Equipment Indoor and Outdoor Live Demonstrations
5.15 p.m. - 6.30 p.m. At Exhibition booths and Car parking lots
6.30 p.m. End-of Day 1

DAY 2 - THURSDAY, 4 NOVEMBER 1999

Exhibition open from 8.00 a.m. - 1.30 p.m.

Plenary Session Chair : Dato' Dr. Haji Mohd. Mansor Salleh, IMM Advisor (Hicom Die Casting Sdn. Bhd.)

- 9.00 a.m. - 10.00 a.m. Plenary Lecture
10.00 a.m. - 10.15 a.m. Morning Break (Coffee & Tea Refreshments) & Exhibitions
- Session Chair : Mr. David Lim Chee Cheong, IMM, Head, Coating Sub-committee (ESSO Production Malaysia Inc.)
- 10.15 a.m. - 10.40 a.m. P13 - High Performance - Hybrid Composite Pipe by Ameron (Singapore)
10.40 a.m. - 11.05 a.m. P14 - Risk Based Inspection (RBI) by Lloyds Registrar (Malaysia)
11.05 a.m. - 11.30 a.m. P15 - CORAL and Beyond by Sime Leigh (Malaysia)
11.30 a.m. - 11.45 a.m. Questions and summary of morning session
11.45 a.m. - 12.00 a.m. Closing Remarks by Conference Organizing Chairman
12.00 noon End of Conference and Complimentary Lunch.

IMM 1999 CONFERENCE REGISTRATION FORM

Institute of Materials, Malaysia, C/o HenBen Resources Sdn Bhd (492174-H),
 Suite 7.3, 7th Floor Wisma Aik Hua, Cangkat Raja Chulan, 50200 Kuala Lumpur, Malaysia
 Tel: (603) 2272 5002 Fax: (603) 2272 5003 Email: kier@tm.net.my Contact: Mandy Lim

Name : _____ Designation: _____ Membership #: _____

Name : _____ Designation: _____ Membership #: _____

Name : _____ Designation: _____ Membership #: _____

Organisation: _____ Membership #: _____

Address: _____ Contact person: _____

_____ Tel No.: _____ Fax No.: _____

_____ Country: _____ Email: _____

REGISTRATION FEES

FEES WITH PAYMENT	COST PER MEMBER / NON-MEMBER	PAYABLE(RM)
Member	RM 300 (on or before 18/10/99 RM288)	
Non-member	RM 350 (on or before 18/10/99, free IMM individual ordinary membership included)	
Student	RM 200 (applicable to universities / colleges students only)	
*less discount of 5% for a group of three or more persons per registration :		()
TOTAL IN RM :		

***A group of three or more per registration entitles to an additional 5% discount.**
 ADMITTANCE IS STRICTLY ON PAID REGISTRATION OR CONFIRMATION IN WRITING BY THE ORGANISERS.

PAYMENT

I authorise / enclose payment as follow:

Cheque / Bank Draft #: _____ in RM _____ made payable to **Institute of Materials, Malaysia**

Date: _____

 Company stamp & signature

Cancellation is not allowed after confirmation but a substitute delegate is welcome when advised in writing prior to the conference date.

The IMM reserves the right to postpone or cancel the conference due to unforeseen circumstance beyond its control. In this event, a full refund of the conference fees will be made. Under emergency conditions, the IMM reserves the right to replace the conference presenter with another presenter deemed competent by IMM.

SPONSORSHIP OPPORTUNITIES

Reach a carefully targeted audience of key executives influential in INSPECTION & CORROSION CONTROL. Sponsorship of this event will help *enhance your presence in the market, heighten your company profile and increase your business potential*. Sponsorship options include Official Corporate Sponsorship and Exhibition Opportunities, conference banquets, luncheons, conference bags and Souvenir Programme. Please direct your sponsorship enquiries & suggestions to the Conference Organising Committee,

c/o HenBen Resources Sdn Bhd (492174-H),

Suite 7.3, 7th. Floor, Wisma Aik Hua, Cangkat Raja Chulan, 50200 Kuala Lumpur.

Tel : 603-2272 5002, 223 5019, 019-225 7983, 013-367 1162 Fax : 603-2272 5003 Email: kier@tm.net.my