

## IMM-PRIM JOINT CO-OPERATION

The Institute of Materials, Malaysia (IMM) and the Plastics & Rubber Institute of Malaysia (PRIM) co-operated to jointly organise the 2nd Regional Materials Conference on 25th March 1999 in Subang Jaya in conjunction with IMM's 9th Annual General Meeting.



The above photograph shows Dr. Ong Eng Long, Conference Organising Chairman/Chairman of IMM Polymers Committee, presenting a souvenir to Dr. Abu bin Amu, President of the Plastics & Rubber Institute of Malaysia, as a token of appreciation for chairing the afternoon session of the Conference.

The IMM is devoted to the concept of joint co-operation with other professional organizations which can offer benefits to members of both organizations and to the industries. A lot of benefits can be tapped from such co-operation and plans have been made for co-operation with the Institution of Engineers, Malaysia (IEM), Institute of Materials, U.K. (IOM), and National Association of Corrosion Engineers, U.S.A. (NACE).

The IMM wishes to express its gratitude to the Plastics & Rubber Institute of Malaysia for their kind support in organizing the recent Second Regional Materials Conference.

## A PUBLICATION OF THE INSTITUTE OF MATERIALS MALAYSIA

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Prof. Madya Dr. Che Husna Azhari (Universiti Kebangsaan Malaysia) - *Publications Committee*

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

Mr. Chong Chien Fatt (Leo Fasteners Sdn Bhd) - *Chairman, Social Activities Committee*

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

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Er & Associates



## PRESIDENT'S CORNER

I am indeed fortunate to be the president of the Institute of Materials, Malaysia during this exciting period. Despite the economic downturn, the Institute has been able to remain very active and has been able to maintain a very healthy bank balance. This is due to a team of an extremely dedicated and hardworking council members. We have a great deal to thank them for their initiatives and hard work. Looking ahead at their plans, the Institute is promising even more activities in the form of workshops, seminars and courses.

On behalf of the council, I appeal to members to come forward with more ideas for the Institute. As it is our main objective to get the Institute recognised as a professional body, we must remain active and continue to work with other professional bodies and government agencies such as the CIDB so that they could appreciate the role that the Institute can play in order for these agencies to perform their tasks. I believe these initiatives taken by the Institute have even benefited some individual members of IMM in an extremely positive way.

Therefore, if you have any suggestions, ideas or a little spare time, please let us know. We need your help to bring the Institute to greater heights.

*Dr. Samad Solbai*

## FROM THE ADVISOR

I must thank the Editorial Committee for giving me the opportunity to pen something down for the Newsletter. I have not been very active since the MMS was revitalised and re-registered under the new name. I must congratulate the new Council under the leadership of Dr. Samad Solbai for steering the Institute back on track. I am certain of the good future of the Institute.

The recent IMM-PRIM Joint Conference held on the Polymeric Materials was a great success. I have observed that this type of joint activities with other professional Institutions like the IEM, the IOM (U.K.) and NACE is the only way to organize activities successfully particularly under the present economic climate. It is also a good way to promote materials as an engineering profession in its own right and to get ourselves recognised by other professionals in the country.

Once again congratulations to everyone in the Council and Secretariat. Keep up the good work.

*Keep the MATERIALS flag flying.....!*

*Dato' Dr. Mohd. Mansor Salleh*

## SECRETARIAT NEWS

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### 9TH ANNUAL GENERAL MEETING

The 9th Annual General Meeting was held at 5:00p.m. on 25th March 1999 at the Sheraton Hotel, Subang Jaya, in conjunction with the 2nd Regional Materials Conference. The President highlighted a very eventful year of activities in 1998. The Institute's financial status has become healthier since its resurrection in 1996. A number of amendments to the Rules were tabled and will be submitted to the Registrar of Societies for approval.

### CHANGE IN COUNCIL MEMBERSHIP

Council Member, Professor Radhakrishna, had completed his contract at Universiti Malaya, and left the country. Mr. Chong Chien Fatt of Leo Fasterners was co-opted by the Council on 4th March 1999 to replace Professor Radhakrishna. Mr. Chong was also appointed by the Council to be the Chairman of the Social Activities Committee.

### CALLING PREVIOUS MMS COATINGS INSPECTORS

All previous graduates of the MMS Coatings Inspector Certification Scheme who have changed address are requested to contact the IMM Secretariat to exchange their old MMS certificate and I.D. card for the new IMM Certificate and I.D. card.

PRESIDENT'S ADDRESS AND ANNUAL REPORT OF THE COUNCIL FOR THE FINANCIAL YEAR ENDING 31<sup>ST</sup> DECEMBER, 1998 PRESENTED AT THE 9<sup>TH</sup> ANNUAL GENERAL MEETING ON 25<sup>TH</sup> MARCH, 1999

Members & Guests,

I am pleased to address all of you present at today's (9<sup>th</sup>) Annual General Meeting of the Institute of Materials, Malaysia and to present the Report of the Council for the past year's activities.

The previous (8<sup>th</sup>) Annual General Meeting was held on Saturday, 21<sup>st</sup> March 1998 at Universiti Malaya, Kuala Lumpur. The chronology of events that took place prior to and after the AGM during 1998 is listed below. During that AGM, elections were held for the 1998-2000 Council Term. There will be no elections of office bearers for the Council this year. The next elections will be next year (2000).

The IMM had another very eventful year and the chronology of events is as follows :-

<u>Dates</u>	<u>Event</u>	<u>Committee Publications</u>
January 1998	First issue of The Materials Bulletin	
16-18 March 98	Coatings Inspector Course at Holiday Inn Shah Alam	Corrosion
21-3-98	8 <sup>th</sup> Annual General Meeting at Universiti Malaya	Secretariat
21-3-98	Seminar on Corrosion of Offshore Structures at Universiti Malaya	Corrosion
14-5-98	Seminar on Surface Technology at Kompleks Dayabumi, K.L.	Corrosion
17-6-98	Establishment of the IMM East Coast Committee in Kertih, Terengganu	East Coast Committee
23-6-98	Presentation & Demonstration of Thermal Spray Coatings at De Palma Inn, Shah Alam & MPE Lindung Sdn Bhd	Corrosion, Coatings Sub-committee
18-7-98	Forum on IMM-CORAL Blaster & Painter Certification Scheme at IEM office P.J.	Corrosion, Coatings Sub-committee
20-23 July 98	IMM Coatings Inspector Certification Scheme in Concorde Hotel, Shah Alam	Corrosion, Coating Sub-committee
July to December 98	Execution of training and certification programmes for the IMM-CORAL Blaster & Painter Certification Scheme in Terengganu, Kuantan, Johor, Miri and Penang	Corrosion, Coatings Subcommittee
1-10-98	Forum on IMM-CORAL Blaster & Painter Certification Scheme at M.S.E., Johor	Corrosion, Coatings Subcommittee
3-10-98	Appointment of Guan Institute to organize Corrosion Committee activities.	Corrosion Subcommittee
5-10-98	Forum on IMM-CORAL Blaster & Painter Certification Scheme at P.S.C., Pulau Jerejak, Penang	Corrosion, Coatings Subcommittee
13-10-98	Forum on IMM-CORAL Blaster & Painter Certification Scheme at Kompleks Esso, Kemasek, Terengganu	Corrosion, Coatings Subcommittee & East Coast Committee
12-15 Oct 98	IMM Coatings Inspector Certification Scheme in Dynasty Hotel, Miri, Sarawak	Sarawak & Sabah Committee



<u>Dates</u>	<u>Event</u>	<u>Committee</u>
28-10-98	Appointment of Er & Associates as Tax Agent for IMM. Their appointment as the External Auditors will be tabled at the Annual General Meeting for endorsement.	Council
9-12 Nov 1998 13-16 Nov 98	IMM Coatings Inspector Certification Course at Sime Sembawang Yard, Johor	Corrosion, Coatings Subcommittee
17-20 Nov 98	IMM Coatings Inspector Certification Course at Holiday Villa, Subang.	Corrosion, Coatings Subcommittee
14-11-98	Inaugural Dinner of the Sarawak & Sabah Committee at Holiday Inn Hotel, Miri	Sarawak & Sabah Committee
18-11-98	Establishment of the Welding Committee	Welding
15-18 Dec 98	IMM Cathodic Protection Course at Holiday Villa, Subang Jaya	Corrosion, Cathodic Protection Subcommittee

### MEMBERSHIPS

The memberships have increased since the previous year as follows :-

	<u>As at 31.12.97</u>	<u>As at 31.12.98</u>
Student Member :	2	8
Ordinary Member :	31	81
Company Member :	4	24
Associate Member :	-	-
Member :	3	11
Fellow :	14	22
Total	<u>54</u>	<u>146</u>

### TREASURY

The financial status of the IMM is relatively healthy, except for the issue of past taxes to be paid to the Inland Revenue Department. A tax agent has been appointed to handle the tax matter. Details of the accounts will be presented by the Hon. Treasurer.

### AMENDMENTS TO IMM RULES

A number of amendments to the IMM Rules has been proposed by the Council and will be tabled by the Hon. Secretary.

### AFFILIATIONS

The IMM plans to institute links with the Institute of Materials, U.K. and other similar professional bodies so that we can have a better pooling of resources and co-operation internationally.

On behalf of the Council, I would like to extend our appreciation to all Council Members, Committee Members, and Sub-committee members who have been actively involved in IMM activities. I would also like to thank all members for their great support and hope everyone will continue to promote the IMM so that our membership will grow, thus providing the IMM with a bigger pool of resources.

Thank you.

Presented on behalf of the Council  
Dr. Samad Solbai  
President

**PROPOSED AMENDMENTS TO IMM RULES – REVISION ONE**

ITEM NO.	PROPOSED CHANGES	REASONS FOR PROPOSED CHANGES
1.	SectionII: Memberships: New clause numbers 2.1 to 2.2.7 to replace old clause numbers and minimum age for ordinary members reduced from 21 to 18 years.	The old clause numbers were erroneous and confusing. Minimum age reduced to allow skilled personnel who are non-graduates to join.
2.	Clause 3.3.2.1 The term of office of the President shall be <u>four</u> instead of <u>two</u> consecutive terms.	Council Members are allowed up to four consecutive terms. As such, for consistency, the President should also be allowed up to four consecutive terms.
3.	Clause 3.3.2.3 The balance eight (8) Ordinary Council Members shall be co-opted by the Council <u>at any appropriate time instead of within the first six (6) months.</u>	This is to allow more time to find suitable candidates who are willing to volunteer their services.
4.	Clause 3.11 <u>Advisor</u> changed to Patron The term of office for the Advisor shall be three (3) <u>consecutive council terms</u> instead of <u>3 years.</u>	The Immediate Past President is named as the Advisor in clause 3.5.3 Clause 3.11 is meant for a different person and should not use the term "Advisor" again.
5.	A new Section VII shall be created to allow for Regional Branches and Working Committees to be established. The existing Sections VII, VIII, IX and X shall be re-numbered to Sections VIII, IX, X, and XI respectively.	Regional committees in other states outside Kuala Lumpur has requested for autonomy to operate their activities.
6.	Clause 6.3 The quorum for a Council Meeting shall be not less than one-third of the number of Council Members.	Due to the busy schedules of many Council Members, it is rather difficult to get 50% quorum.

**Free Car Stickers for Members !**

*All IMM Members and new members joining between 1<sup>st</sup> April 1999 and 30<sup>th</sup> September 1999 will be given a free IMM car sticker.*

*So hurry and join the IMM now !*





**INSTITUT BAHAN MALAYSIA**  
**Institute of Materials, Malaysia**  
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**INSTITUTE OF MATERIALS, MALAYSIA**  
 (Formerly the Malaysian Materials Science & Technology Society)

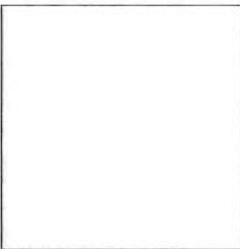
The Malaysian Materials Science & Technology Society (MMS) was registered with the Registrar of Societies on 6<sup>th</sup> November, 1987. The MMS was actively promoting the awareness of Materials in Malaysia since 1988. In 1996, with a newly-elected Council, the change of name to the Institute of Materials, Malaysia (IMM) was submitted to the Registrar of Societies and approved on 16<sup>th</sup> 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)*

APPLICATION FOR COMPANY MEMBER/ORDINARY MEMBER/STUDENT MEMBER\*

**(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 : \_\_\_\_\_

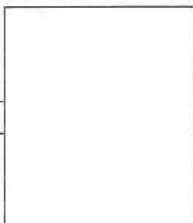
**(II) COMPANY MEMBERSHIP (COMPANY PARTICULARS)**

COMPANY NAME: \_\_\_\_\_

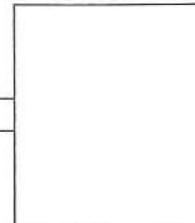
ADDRESS : \_\_\_\_\_

TELEPHONE NO : \_\_\_\_\_ FAX NO: \_\_\_\_\_ E-mail NO : \_\_\_\_\_

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



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



POSITION: \_\_\_\_\_

POSITION: \_\_\_\_\_

NOTE: 2 passport-size photos of each representative to be submitted with name written on back of photo.

**(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 : \_\_\_\_\_

Seconder : \_\_\_\_\_

Name : \_\_\_\_\_

Name: \_\_\_\_\_

Membership Grade & No: \_\_\_\_\_ Membership Grade & No: \_\_\_\_\_

\* Delete whichever not applicable.

NB : If proposer and seconder 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 and Ordinary members shall have the right to vote and to hold office in IMM

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 Malaysian citizen and 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 1<sup>st</sup> January of each year. Any person who is admitted into the IMM between 1<sup>st</sup> July and 31<sup>st</sup> December in any year shall pay only 50% of the annual subscription.

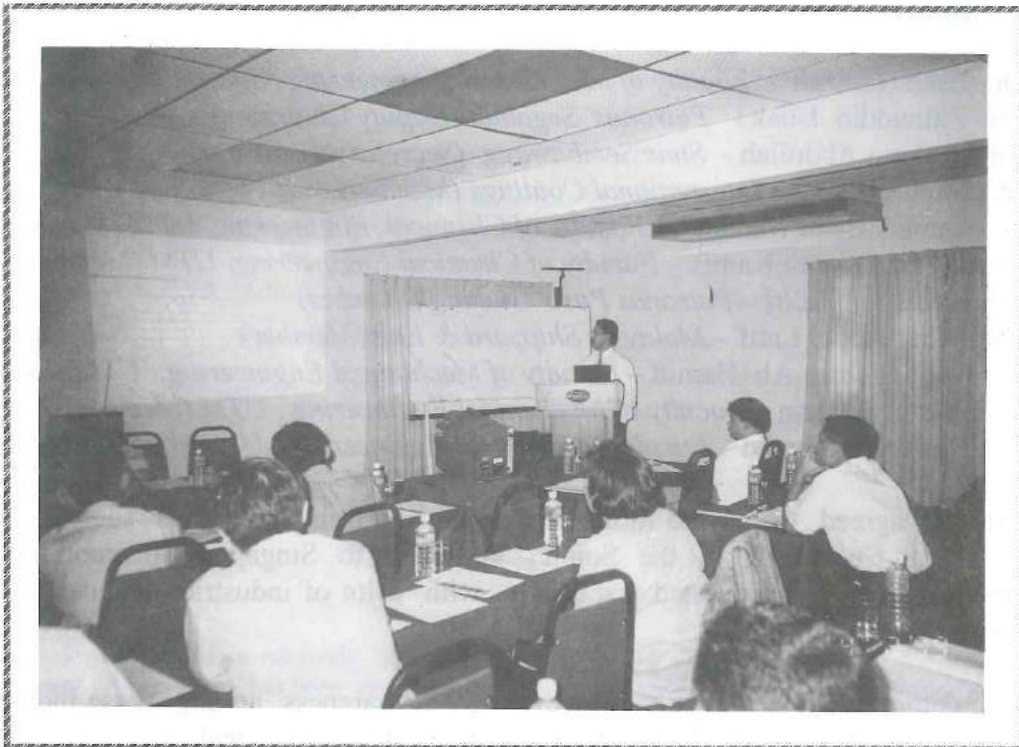


# EAST COAST COMMITTEE

## Committee Members

En. Raja Zahiruddin (Petronas Carigali S/B)  
Mr. Harry Woon (Bredero Price Sdn Bhd)  
Mr. Gary Toft (Drexel Bakti Oilfield Services)  
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))

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)



*Encik Raja Zahiruddin of Petronas Carigali making his presentation on Pipeline Coating Inspection and maintenance.*

The East Coast Committee organized a seminar on Pipeline Coating and a visit to the Bredero Price Pipe Coating Yard in Kuantan Port on 4<sup>th</sup> February 1999. 30 participants attended the interesting presentations by En. Raja Zahiruddin of Petronas Carigali Sdn Bhd and Mr. Harry Woon of Bredero Price (M) Sdn Bhd. The visit to the Bredero Price yard was very educational for the participants who were able to see the process of pipe coating using automated systems for application of concrete coatings and coal tar enamel coatings.

The East Coast Committee continues to be active in the training and certification of blasters and painters.

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# SOUTHERN REGION COMMITTEE

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The Southern Region had its first meeting on 20 March 1999. It was held at Meeting Room C25-314, Faculty of Mechanical Engineering, Universiti Teknologi Malaysia (UTM) Skudai, Johor.

The meeting was chaired by Dr. Esah Hamzah and attended by 9 other interested members from UTM and industries.

Selected members to be in the South Region Committee are :-

1. Dr. Esah Hamzah - *Faculty of Mechanical Engineering (Chairman)*
2. En. Zainuddin Ishak - *Petronas Segamat (Deputy Chairman)*
3. En. M. Aniq Abdullah - *Sime Sembawang (Secretary/Treasurer)*
4. Mr. Michael Fong - *International Coatings (Member)*
5. Dr. Ahmad Mahir Makhtar - *Faculty of Chemical Engineering, UTM (Member)*
6. Assoc. Prof. Azmi Kamis - *Faculty of Chemical Engineering, UTM (Member)*
7. Ab. Razak Hj. Bakri - *Petronas Pasir Gudang (Member)*
8. En. Azhar Abdul Latif - *Malaysia Shipyard & Eng (Member)*
9. En. Noor Hisham Ab. Hamid - *Faculty of Mechanical Engineering, UTM (Member)*
10. Puan Astuty Amrin - *Faculty of Mechanical Engineering, UTM (Member)*
11. Cik Norhayati Ahmad - *Faculty Mechanical Engineering, UTM (Member)*

The committee agreed to have 3 more representatives from industries such as Antara Steel, Prestima or Titan Co. Being in the South and close to Singapore, this committee believes many activities can be generated especially with a lot of industries concentrated in Pasir Gudang area.

One of the committee objectives is to create IMM awareness among these industries so that IMM can be a platform for the engineers and scientists who deal with materials to come together and exchange ideas and share knowledge. To achieve this noble effort the committee plan to organise a seminar in Johor Bahru (with the industries in the Southern Region as possible participants) tentatively will be held in June this year.

The committee also have other activities in the pipeline for the coming year and will try to work towards IMM objectives and will try to fit into members busy schedules.

## **Chairman**

Dr. Esah Hamzah  
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## **Deputy Chairman**

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## **Secretary/Treasurer**

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ext 356



# SARAWAK & SABAH COMMITTEE

## Committee Members :-

Mr. Telajan Luyoh (*Dayang Enterprise*)  
Dr. Edwin Jong (*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*)

The Sarawak & Sabah Committee has established the following subcommittees to provide service to members and the industry :-

- Skills Competency Development
- Social Activities
- Research
- Resource Centre
- Educational Activities

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# WELDING COMMITTEE

## Committee Members :-

1. Mr. Derek Yeo - (*ABS Industrial Verification*)
2. En. Zainuddin Ishak -(*Petronas Gas Bhd., Segamat*)
3. En. Mohd. Nasir Samat - (*SEM Inspection Sdn. Bhd.*)
4. Mr. Doon Sooi Leng - (*OIS Inspection Services S/ Bhd.*)
5. Mr. Tee Kim Tsew - (*Lott Inspection Sdn. Bhd.*)
6. En. Hasbullah Abu Hassan - (*Petronas Carigali*)

The Welding Committee is in the process of drafting the Industry Standard for Welding Inspectors for the Construction Industry Development Board (CIDB). The Standard will be used for certification of Welding Inspectors in Malaysia.

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Secretary/Treasurer  
Vacant

# CORROSION COMMITTEE

## COMMITTEE MEMBERS

Mr. David Lim Chee Cheong (EPMI) – Head Coatings Sub-Committee  
 En. Zainuddin Ishak (Petronas Gas) - Head, Cathodic Protection Sub-Committee  
 Dr. Hasnah Abdul Wahab (SIRIM) – Head, Inhibitors Sub-Committee  
 Mr. Chan Yoke Son (Renold)  
 En. Hasbullah Abu Hassan (Petronas Carigali)  
 Ir. Mohd. Tajuddin Romli (PPMSB)  
 En. Zamaluddin Ali (PRSS)  
 Mr. Tan Cheong Ming (Shell P.D.)  
 En. Mohd. Sulastry (EPMI)  
 Mr. Low Keh Teong (Johun)  
 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)

## PLANNED DATES FOR COURSES 1999

Courses	Dates	Location
1. Coating Inspector	May 10 – 13 July 12 – 15 Sep. 20 – 23 Nov. 15 – 18	Kuala Lumpur Miri Kuala Lumpur Kuala Lumpur
2. Cathodic Protection	April 13 – 16 Aug 9 – 12 Nov 16 – 19	Kuala Lumpur Kuala Lumpur Kuala Lumpur
3. Associate Diploma In Applied Science (Coating Technology)	July	Kuala Lumpur & Miri

Note : The Coatings Inspector and Cathodic Protection courses are now the HRDC – SBL course.

## Schedule of IMM - Coral Protective Coatings Technician Training & Certification Scheme

The Corrosion Committee has been active in organising various activities, thanks to the support from members and also respective contribution from sub-committee members. The support have been the pushing power for the Committee to strike better performance. It is sincerely hoped that this relationship will continue.

The Corrosion Committee is also committed to further its effort in helping to improve the awareness and knowledge of corrosion by organising more get-together sessions, seminars, courses etc. It is hoped that IMM will, ultimately, become the bridge to close the gap in acquiring more corrosion information for the local industries.

In addition, The Corrosion Committee's Coatings Sub-committee is also in the process of preparing an industry standard for oil and gas sector with Construction Industry Development Board (CIDB). This has shown the recognition of IMM from government sector. On the other hand, the Corrosion Committee is always prepared to serve the country whenever needed.

It is believed that, with the increased awareness of corrosion and protection required in local industries, the Corrosion Committee will have more important tasks to fulfill in years to come. This however, will need more people who has the same interest to come forward and contribute their efforts by joining the IMM.

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## Schedule of IMM-Coral Protective Coatings Technician Training ( CIDB Certification)

Month	Company	No. of candidate
April 1999	Vital Innovation Sdn Bhd, Klang	10
	BB Tech Services Sdn Bhd- Paka	16
	Dayang Enterprise, Kemaman	10



# CORROSION ASIA 2000

**NACE**  
INTERNATIONAL  
Informing the World on Corrosion Control



**Singapore June 26 - 28 2000**

## CALL FOR PAPERS ANNOUNCEMENT

Following on from the success of the first and second CORROSION ASIA conferences in 1992 & 1994, the Corrosion Association of Singapore is pleased to announce the planning of CORROSION ASIA 2000.

The main emphasis of the technical programme will be on problems faced by energy related industries, reflecting their importance in the region. However, a diverse range of additional topics will also be covered, ensuring that there will be something of interest to all those involved in the field.

### Information for Speakers

Persons wishing to present a paper should submit a proposal containing the topic, a 100 to 200 word abstract and full particulars of their address, phone and fax to: J. K. Shen c/o Cathodic Protection Technology Ltd, No. 4 Tuas Drive 1, Singapore 638671.

All proposals must be received by the end of November 1999 and must be accompanied by a letter from the author's immediate supervisor stating that the author will be able to attend the conference. At the end of the conference a letter will be sent to the supervisor expressing the organising committees thanks for their support of CORROSION ASIA 2000. In the event that an author should fail to give his/her paper, a letter will be sent to their supervisor stating this fact.

Speakers will be required to provide a written paper four months in advance of the conference. Persons sending proposals should remember this requirement, and will be expected to conform to the paper deadlines that will be established by the organising committee. The official language of CORROSION ASIA 2000 will be English. Papers, visual material and other documents must be presented in the English language. The organising committee will arrange for overhead and slide projectors to be available in all the sessions. Authors wishing to use additional presentation aids must make their own arrangements to ensure that the required equipment is available.

### Exhibition

A full sized exhibition will accompany the technical programme. The first two CORROSION ASIA conferences attracted exhibitors from throughout Asia and the rest of the world. We anticipate that CORROSION ASIA 2000 will represent a prime opportunity to display your company's products and services in the fastest growing region in the world. Plan now to reserve space. Contact Lawrie Grace, Cathodic Protection Technology Pte Ltd, No. 4 Tuas Drive 1, Singapore 638671, Tel: +65 862 3551, Fax: +65 861 6436.

### Corporate Sponsorships / Advertising

CORROSION ASIA 2000 provides you another promotional vehicle to help strengthen your exhibiting efforts - the opportunity to advertise in the CORROSION ASIA Conference Programme. For further details contact Lawrence Lim, Singapore Refining Company, Jurong Point, PO Box 225, Singapore 916408, Tel: +867 8844 Fax: +867 7182.

### Social Programme

Post-conference tours and an accompanying persons programme have been organised by the Corrosion Association of Singapore. Details will be available in the Advanced Programme.

### Registration

Conference registration will include attendance to all of the sessions, copies of the conference papers, lunches and reception, coffee breaks each day, and the conference banquet. Registration fees along with a registration form will be included in the Advanced Programme available in September.

Conference fee: S\$850.00 (USD610.00)

Early bird registration (4 months before conference): S\$750.00 (USD540.00).

### Organisers

CORROSION ASIA 2000 is being organised by the Corrosion Association of Singapore. The conference will be chaired by Lawrie Grace of Cathodic Protection Technology Pte Ltd. The organising committee composed of leading experts includes: Dan Blackwood of the National University of Singapore; J. Qiu of the Nanyang Technological University and L. Lim of Singapore Refining Co.

### For more information

For further information on any aspect of the conference, please contact the Corrosion Association of Singapore, c/o Cathodic Protection Technology Pte Ltd, No.4 Tuas Drive 1, Singapore 638671. Tel: +65 862 3551, Fax: +65 861 6436, email: [cpstech@singnet.com.sg](mailto:cpstech@singnet.com.sg) or refer to NACE Materials Performance January 1999 issue.

#### TOPICS

- Corrosion Control in Oil and Gas Production
- Corrosion Science and Technology
- Corrosion Problems in the Process Industries
- Protective Coatings and Linings
- Corrosion by Waters
- Refining Industry Corrosion
- Underground Corrosion Control
- Corrosion in the Transport Industry
- Corrosion in Building Materials and Concrete Structures
- Cathodic Protection
- Marine Corrosion
- Materials Selection
- Microbially Influenced Corrosion
- Corrosion in Pipeline Systems
- Corrosion in the Power Generating Industry
- Corrosion and the Environment
- Corrosion Inhibitors
- Corrosion Monitoring and Detection
- Corrosion Standards

### Please send me the following information (please tick)

- Registration Form  Advance Programme   
Exhibitor Information  Advertising Information   
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I am interested in submitting a paper to CORROSION ASIA 2000   
I am considering attending as  
a delegate  an author  an exhibitor

Name:	Company:
Address:	City:
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**Sponsored by**  
**Corrosion Association of Singapore**



## CALL FOR PAPERS

# CORROSION CONFERENCE

THEME : **Recent Advancements in  
Corrosion Resistant Materials**

TENTATIVE DATE : THURSDAY 11<sup>TH</sup> NOVEMBER , 1999

VENUE : KUALA LUMPUR

ORGANIZED BY : INSTITUTE OF MATERIALS, MALAYSIA  
CORROSION & WELDING COMMITTEES

SUPPORTED BY : NACE MALAYSIAN CHAPTER

ALL INTERESTED PRESENTERS ARE REQUESTED TO  
SEND IN THEIR ABSTRACTS BY 15<sup>th</sup> June 1999 TO :

Institute of Materials, Malaysia  
Lot 12908, Batu 7,  
Jalan Bukit Kemuning  
42450 Shah Alam  
Selangor D.E. , Malaysia  
Tel : 603-5218228 Fax: 03-5216116/5219413  
Attention : Mr. David Lim Chee Cheong  
Conference Organizing Chairman  
(Direct tel . contact : 03-3802908 )