

AN ACHIEVEMENT FOR IMM IN SARAWAK



IMM Sarawak Committee achieves a FIRST in successfully organizing the First Materials Conference in Miri which secured the support of the Sarawak Government and the major Oil & Gas players in the state. The above photo shows the Opening Address by Yang Berhormat Tan Sri Datuk Amar Dr. George Chan Hong Nam, Deputy Chief Minister and Minister of Finance, Public Utilities cum Industrial Development, Sarawak.

(More details of the event inside)

JOIN THE IMM TODAY AND NETWORK WITH INDUSTRY PLAYERS AND GOVERNMENT AUTHORITIES IN THE FIELDS OF MATERIALS SCIENCE, TECHNOLOGY AND ENGINEERING. MEMBERSHIP APPLICATION FORM INSIDE. MEMBERSHIP IS OPEN TO EVERYONE ABOVE THE AGE OF SEVENTEEN.

A PUBLICATION OF THE
INSTITUTE OF MATERIALS MALAYSIA

SECRETARIAT ADDRESS

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- Dato' Dr. Ong Eng Long (Malaysian Rubber Export Promotion Council)
- Assoc. Prof. Dr. Teh Ser Kok (Universiti Malaya)
- Ir. Mohd Raziff Embi (Teknik Janakuasa)
- Ir. Chong Chien Fatt (Ancorn Berhad)
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IMM ADVISOR (2000-2003) : Dato' Dr. Haji Mohd. Mansor Salleh

INTERNAL AUDITORS (2002-2003)

Mr. Barry Loi Chee Chien (MPCL)

Mr. Frankie Chua (PLC Laboratories Sdn Bhd)

EXTERNAL AUDITORS (2002-2003)

Er & Associates

INSTITUTE OF MATERIALS, MALAYSIA
CHAIRMEN OF WORKING COMMITTEES (2002-2004)

Members can contact the respective Working Committee Chairman via e-mail for information on activities or general queries. Members who are interested to contribute their time to assist the committees can volunteer to become a Committee Member by writing to the respective Chairman. The IMM's vision lies in the commitment from its members.

COMMITTEE	CHAIRMAN	E-MAIL
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**PRESIDENT'S ADDRESS AND ANNUAL REPORT OF THE COUNCIL FOR
THE FINANCIAL YEAR ENDING 31ST DECEMBER 2001**

Members & Guests,

I am pleased to address all of you present at today's (12th) 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 (11th) Annual General Meeting was held on Thursday, 15TH March 2001 at Kelab Golf Sultan Salahuddin Abdul Aziz Shah, Shah Alam.

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

<u>Dates</u>	<u>Event</u>	<u>Committee</u>
January – March	Ninth issue of The News Letter	Secretariat
15 – 18 January	IMM Coatings Inspector Certification Scheme at Malaysia LNG, Bintulu, Sarawak	Corrosion, Coating. Sub- committee, Sarawak Committee
9 - 12 February	IMM Coatings Inspector Certification Scheme at Dynasty Hotel, Miri, Sarawak	Corrosion, Coating. Sub- committee, Sarawak Committee
19 - 22 February	IMM Coatings Inspector Certification Scheme at Maluri Inn, Kuala Lumpur	Corrosion, Coating. Sub- committee,
15 March	11 th Annual General Meeting at Kelab Golf Sultan Salahuddin Abdul Aziz Shah , Shah Alam, Selangor	Secretariat
15 March	Seminar on Corrosion & Coating at Kelab Golf Sultan Salahuddin Abdul Aziz Shah , Shah Alam, Selangor	Corrosion, Coating. Sub- committee, Secretariat
19-23 April	IMM Cathodic Protection Course Level I at De Palma Inn, Shah Alam	Corrosion, CP Sub- committee
16-19 April	IMM Coatings Inspector Certification Scheme at Johor Bahru	Corrosion, Coating. Sub- committee,
25 June	IMM Seminar on Fluoropolymer Coating at Ming Court Vista Hotel, Kuala Lumpur	Corrosion, Coating. Sub- committee,

<u>Dates</u>	<u>Event</u>	<u>Committee</u>
April-June	Tenth issue of The News Letter	Secretariat
18-21 July	IMM Coatings Inspector Certification Scheme at Maluri Inn, , Kuala Lumpur	Corrosion, Coating. Sub-committee,
26 – 27 August	IMM Council brainstorming at Bukit Tinggi, Pahang	Social Activities Committee
August	JIMM Vol 2 (1) January 2001	Publication Committee
7 October	IMM Train-the-Trainer for IMM Sarawak Committee at Curtin University of Technology, Sarawak Campus	Sarawak ,Corrosion, Coating Sub-committee
15-18 October	IMM Coatings Inspector Certification Scheme at Dynasty Hotel , Miri	Sarawak ,Corrosion, Coating Sub-committee
17 October	IMM-OSFAM Road-show at MSE , Pasir Gudang, Johor	Fabrication/Southern Committee
23-26 October	IMM Coatings Inspector Certification Scheme at De Rhu Resort, Kuantan	Corrosion, Coating. Sub-committee,
27-28 October	IMM Blasting & Painting Supervisor Course at De Rhu Resort, Kuantan	Corrosion, Coating. Sub-committee,
29 October	IMM Coating Defects, Failures, Rectification & Prevention Course held at Maluri Inn , Kuala Lumpur	Corrosion, Coating. Sub-committee,
29 October	NIDI Duplex Stainless Steel Seminar at Ming Court Vista Hotel, Kuala Lumpur	Welding Committee,
30 –31 October	3 rd Materials Conference & Exhibition Fabrication Technology at Mandrin Oriental Hotel, Kuala Lumpur	Fabrication Technology Committee
10 November	4 th Annual Dinner for IMM Sarawak Committee held at Dynasty Hotel, Miri	Sarawak Committee

(II) MEMBERSHIPS

The number of members have reduced to below 350 in 2001 from 404 in 2000. The main reason was due to participants who registered for IMM courses, seminars and conferences. These participants signed up as Ordinary Members to obtain discounted fees and did not renew their subscription.

IMM Deputy President, who is also Chairman of Memberships Committee will be embarking on a membership drive and establish a membership benefits programme.

(III) WEBSITE

The IMM website www.iomm.org.my has been activated for one year. Feedback from members will be welcomed for improvements.

(IV) COLLABORATION WITH OTHER INSTITUTIONS

A Memorandum of Understanding (M.O.U.) was signed with Institute of Materials, U.K. in October, 2000. IMM Immediate Past President has been in regular communication with the IOM (UK) to carry out joint activities.

(V) CERTIFICATION EXAMINATIONS PANEL

The IMM established the Certification Examination Panel (CEP) in 2001, an independent examinations body, overseen by representatives from academic institutions to ensure impartiality and professionalism in the administration of IMM's certification examinations.

(VI) FEES FOR RETIREES, ETC

The IMM Council has proposed to consider special discount on membership fees due to retirement, unemployment, sickness, family circumstances or other special reasons.

(VII) PERMANENT SECRETARIAT

The IMM has been operating its Secretariat on a temporary basis and all activities have been contracted out to "Activity Organizers". The IMM Council has proposed to establish a company owned by the IMM under a Board of Trustees to operate a permanent Secretariat and to organize all activities directly or with the co-operation of Activity Organizers.

(VIII) SCHEDULED MAJOR ACTIVITIES FOR 2002

- * 23rd & 24th May 2002 : International Conference on “ Engineering Materials in the Millenium” in Miri, Sarawak. Organized by IMM Sarawak Committee.
- * December, 2002 : National Conference on “Electron Microscopy” in Johor . Organized jointly by Universiti Teknologi Malaysia and IMM Southern Region Committee.

I would like to express my sincere appreciation to Council Members for their commitment and hard work during the past Council Term (2000-2002) and hope those eligible for re-election will continue to contribute their resources for another Council Term (2002-2004).

I would also like to express my sincere gratitude to all Working Committee Members and all IMM members who have helped IMM come this far.

There is a lot more to be done for the IMM to be more recognized for its potential. Let us all work together to achieve IMM objectives.

Thank you.

On behalf of the Council



Dr. A. Rahim Mohd Nor
President

MINUTES OF THE 12TH ANNUAL GENERAL MEETING OF THE INSTITUTE OF MATERIALS, MALAYSIA
HELD AT 11:30 A.M. AT SUMMIT HOTEL, SUBANG JAYA, SELANGOR D.E. ON SATURDAY, 23RD
MARCH, 2002.

(1) Attendance

The meeting was attended by 40 members (attendance list attached). The quorum required is twice the number of Council Members i.e. $19 \times 2 = 38$ members.

(2) Review of Previous Minutes

The Minutes of the 11th Annual General Meeting were reviewed. No comments were raised. The minutes were proposed accepted by Dr. Samad Solbai and seconded by Dr. Teh Ser Kok.

(3) Report of the Council for 2001

The Report of the Council was presented by the President, Dr. A. Rahim Nor.

(3.1) Activities

The President reported that the IMM had another very eventful year with at least one activity every month. The list of activities were presented in the report. In addition, one issue of the Journal of the IMM (JIMM) was published in 2001. The IMM Southern Region Committee also held a joint-workshop on Metallography with Universiti Teknologi Malaysia in 2001.

(3.2) Memberships

Membership renewals had not been satisfactory. It was identified that many members had registered for the benefit of getting member's discount for courses and seminars, and subsequently did not see the need to renew their membership. The Memberships Committee, chaired by the Deputy President, has been assigned the task to identify and implement more attractive membership benefits to retain members as well as to attract new members.

(3.3) Website

The IMM website www.iomm.org.my has improved over the past one year. However, the website can be improved further and members were encouraged to provide suggestions.

(3.4) Collaboration With Other Institutions

The Immediate Past President has been assigned the task to activate the collaboration activities with the Institute of Materials, U.K. and the Board of Engineers, Malaysia to enhance the status of the IMM professional certifications.

(3.5) Certification Examinations Panel

The IMM had established an independent Certification Examinations Panel (C.E.P.) headed by Dr. Mohd. Kamal Harun of UiTM. The C.E.P. will ensure impartiality and professionalism in the administration of IMM's certification examinations.

(3.6) Fees For Retirees

The Council has proposed a 50% special discount off membership fees for retired personnel and those affected by sickness, unemployment, as well as other special circumstances on a case-by-case basis. Members welcomed this proposal unanimously.

(3.7) Permanent IMM Secretariat

The IMM has been operating its Secretariat at a temporary location and all activities have been contracted out to "Activity Organizers". The IMM Council has proposed to establish a private limited company fully owned by the IMM and operating under a Board of Trustees, to operate its own Secretariat office and employ staff to organize all activities itself or with the co-operation of Activity Organizers.

In accordance to IMM Rules, clause 3.4.1 and clause 3.7.3, the Council may invest IMM's funds in securities, and purchase and sell property, to advance the objectives and interests of the IMM.

It was proposed by the IMM Council to acquire an existing dormant company and subsequently to change the company name to suit the role of the IMM, as this would be a quicker and better route to establish the required IMM company name. The IMM company will initially rent an office premise and employ its own staff.

The members voted unanimously to accept the Council's proposals for the set-up of the IMM company and its operational requirements.

(3.8) Major Activities for 2002

The Council reported two major events scheduled for 2002 and requested members to support the events.

- (i) International Conference on "Engineering Materials in the Millenium" on 23rd & 24th May, 2002 in Holiday Inn, Miri, Sarawak. Organized by the IMM Sarawak Committee.
- (ii) National Conference on Electron Microscopy in December, 2002 in Johor Baru. Jointly organized by IMM Southern Region Committee, Universiti Teknologi Malaysia, and Electron Microscopy Society of Malaysia.

The Council's Report and proposals were proposed accepted by Ir. Chong Chien Fatt and seconded by Mr. Kang Kim Ang.

(4) Statement of Accounts for 2001

The Hon. Treasurer presented the audited accounts for the financial year ending 31st December, 2001.

The total income received was RM668,267.00

The net surplus, after lessing expenditure, was RM2,899.00

The lower surplus compared to the previous year was due to higher operating costs as a result of increased number of Council and Working Committee meetings during the year. The various committees had worked very hard to develop new courses, new syllabi, and improvements to existing courses.

The Council had proposed to increase the royalty to be paid by Activity Organizers to IMM from 12% to 20%. This increase shall be implemented in stages and Activity Organizers will be informed accordingly.

The net asset of the IMM as at 31-12-2001 = RM98,754.00

(5) Election of Council Members

The President informed that, in accordance to the IMM Rules clause 3.3.2.2, the Deputy President, Hon. Secretary and the Hon. Treasurer have to retire at the end of the Council Session and may offer themselves for re-election within the Council at the penultimate Council Meeting before the Annual General Meeting. As no other candidates have been nominated for the 3 posts, En. Zainuddin Ishak offered himself for re-election as Deputy President, Ir. Ong Chong Hup offered himself for re-election as Hon. Secretary, and Ir. Mohd Suradi Yasin offered himself for re-election as Hon. Treasurer. During the penultimate Council Meeting held on 7th March, 2002, the Council had unanimously re-elected the 3 candidates to their respective posts.

In accordance to IMM Rules clause 3.3.2.3, only 7 Council Members shall be elected during the Annual General Meeting.

The President informed that on the closing date of the nomination for Council Members, only seven (7) nominations for Council Members were received. The candidates were :-

- (1) Dr. Teh Ser Kok (FIMM no:018)
- (2) Dr. Mohamad Kamal Harun (FIMM no:117)
- (3) Dr. Radzali Othman (FIMM no:536)
- (4) Mr. Kang Kim Ang (FIMM no:012)
- (5) Ir. Chong Chien Fatt (FIMM no:191)
- (6) Dr. Edwin Jong Nyon Tchan (FIMM no:490)
- (7) Ir. Mohd. Raziff Embi (FIMM no:002)

Since only 7 candidates were nominated, the seven candidates were automatically elected as Council Members for the Council Session for 2002-2004.

Eight (8) more candidates will be appointed by the Council to cater for the various disciplines of Materials Science & Engineering and to cater for the other regions around the country.

(6) External Auditors for 2002

The Hon. Treasurer proposed to continue with the appointment of Er & Associates as the External Auditor for the IMM for the year 2002.

The proposal was proposed accepted by Mr. David Lim Chee Cheong and seconded by Mr. Kang Kim Ang.

(7) Internal Auditors for 2002

The President proposed Mr. Barry Loi Chee Chien and Mr. Frankie Chua Cheng Huat to be appointed as Internal Auditors for a one-year appointment.


The proposal was proposed accepted by Dr. Samad Solbai and seconded by Dr. Mohd Kamal Harun.

(8) Other Matters

- (8.1) Mr. David Lim Chee Cheong suggested that the IMM should organize more evening talks, both technical and non-technical. The IMM Council will take note of this suggestion and advise the respective Working Committees to act upon it.

With no other matters, the President expressed his vote of thanks to the out-going Council Members and hope the new Council will continue the efforts to develop the IMM's potential as a progressive professional institute.

The President declared the Annual General Meeting closed at 12:15 p.m.


.....
Dr.A. Rahim Mohd. Nor
President
28-03-2002


.....
Ir. Ong Chong Hup
Honorary Secretary
28-03-2002

**IMM CORROSION CONFERENCE AND EXHIBITION,
MIRI, SARAWAK
23rd – 24th May 2002**

The Institute of Materials Malaysia (IMM), Sarawak Committee has successfully organised its first IMM Corrosion & Materials Conference and Exhibition from 23rd to 24th May 2002 at Holiday Inn Hotel, Miri, Sarawak. The conference theme was "Engineering Materials in the Millenium", with objectives of sharing amongst the regional professionals on advancement of Science, engineering and technology as well as to encourage and promote R&D in the fields of materials science between the industrial sectors, research industries, manufacturing industries and universities, etc.

The conference was attended by over 300 delegates from Malaysia, Brunei, Japan, UK and Australia, etc. A total of 24 papers were presented during the conference.

The conference was officiated by Deputy Chief Minister of Sarawak, YB Tan Sri Datuk Amar Dr. George Chan Hong Nam. During his opening speech, he congratulated IMM Sarawak for taking the initiative of organizing the international standard conference. He also urged IMM to play its role as a link between R&D to the applicators and consumers. R&D should be focused on industrial needs and development with priority given to the impact on society and environment, he said.

He pointed out that the progression of technology had led to a quantum leap in the past 60 years in the understanding of materials types and accessibility, which had unleashed sophisticated products with lower cost and shorter period. He foresaw the future needs of materials to be challenging and widespread, particularly in relation to energy sector such as nuclear, reducing cost in transportation, alternatives economical sources of energy and improvement of environmental quality. This is a challenge for materials scientists, technologists, and engineers in search of materials development to produce more suitable products taking into account, the life cycle cost.

In this context, he said the holding of conference to discuss and seek solutions to the challenges faced by material scientist, technological experts as well as engineers was timely. He further stressed that more funds from public and private sectors should be channelled into research and development in the country to boost materials base industries.

The IMM Sarawak Chairman, Puan Maimunah Ismail who also spoke during the function thanked the Sarawak Government for their support and contribution to the conference. She was pleased with the level of participation and support from various industries both from within the country as well as from overseas. On behalf of the organizing committees, she expressed their deepest gratitude for the support and assistance from the Sarawak Government, IMM council, sponsors, delegates, exhibitors, presenters and advertisers who have contributed to the success of the conference. She hoped to see similar support to IMM Sarawak future event and conference.

The opening ceremony was attended by VIP's from the local oil&gas companies, Miri Municipal council, IMM President, and contractors.

The conference delegates and exhibitors were invited to a dinner with various traditional dancers from the local groups to entertain the guest.

IMM CONFERENCE & EXHIBITION IN MIRI 23rd & 24th MAY 2002



Participants during the IMM Conference



Conference Participants and Delegates



YB Tan Sri Datuk Amar Dr. George Chan touring the exhibition booths at the Holiday Inn Lobby, Miri



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 : _____

QUALIFICATION : _____

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:

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.

Institute Bahan Malaysia
(Institute Of Materials, Malaysia)

The institute as hereunder constituted shall be known as "Institut Bahan Malaysia" (Insitute Of Materials, Malaysia) and is hereunder referred to in abbreviated form as the "IMM".

The registered place of business address shall be Lot 1908, Batu 7, Jalan Bukit Kemuning, 42450 Klang, Selangor Darul Ehsan, Malaysia.

The registered place of business and the postal address of the institute shall not be changed without the prior approval of the Registrar of Societies.

The objectives of the IMM shall include the following :-

- (a) to encourage education in Materials Science and Engineering.
- (b) to promote research and development in the fields of Materials Science and Engineering
- (c) to encourage oollaboration between the industrial sectors, research institutes and universities.
- (d) to promote honourable practice and professional etiquette among members of the IMM.

Definition of Materials Science and Engineering:-

Materials Science and Engineering shall include Metallurgy, Polymer Technology, Ceramics Technology, Welding Technology, Concrete Technology, Wood Technology and Advanced Materials Technology.

SCHEDULE OF FEES

	Entrance Fee	Processing Fee	Transfer Fee	Annual Subscription
Company Member	RM50.00	-	-	RM200.00
Ordinary Member	RM20.00	-	-	RM 20.00
Fellow (F.I.M.M.)	-	RM300.00	RM10.00	RM 70.00
Member (M.I.M.M.)	-	RM150.00	RM10.00	RM 50.00
Associate Member (A.M.I.M.M.)	-	RM150.00	RM10.00	RM 30.00
Student Member	RM10.00	-	-	RM 5.00

NB : ALL PAYMENT 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. APPLICATIONS MADE BETWEEN JULY AND DECEMBER NEED TO PAY 50% OF THE ANNUAL SUBSCRIPTION.

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 half the annual subscription.

IMM Membership Grades

Company Member

Any company that is involved or has interest in Materials Science and Engineering will be qualified to join as a company member. All employees of a Company Member are entitled to attend Institute functions at membership rate, however, only the Principal Representative or the Alternate Representative shall have voting rights.

Ordinary Member

Any Malaysian citizen and above the age of 21 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 corporate membership grades of Fellow, Member and Associate Member and may use the abbreviated titles upon transfer.

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.

Fellow (F.I.M.M.)

A person at least 35 years of age with approved academic qualifications, training and 8 years relevant responsible experience that 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.

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 and interview.

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 will not yet have 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.

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 and Engineering. A student member shall transfer to the grade of Ordinary Member after attaining the age of 21 years 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 of the university or relevant authority concerned.

Certificate of Membership

Every member shall receive a membership certificate.

Every application for membership shall be proposed and seconded by two existing ordinary members 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.

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.

IMM CONFERENCE & EXHIBITION IN MIRI 23rd & 24th MAY 2002



*IMM Pre-Conference Golf Tournament at Miri Golf on 22nd May 2002
Pn. Maimunah Ismail with some Golf participants at Miri Golf Club. IMM golf tournament was officially launched by IMM Sarawak Committee Chairman*



Exhibitors, Participants, VIP and IMM Officials during the Conference Banquets Dinner



IMM Conference Organising Committees and IMM Officials with YB. Lee Kim Shin during the Conference Banquet dinner on 23rd May 2002

INSTITUTE OF MATERIALS, MALAYSIA

MINUTES OF MEETING OF THE EXTRAORDINARY GENERAL MEETING HELD ON 8TH JUNE, 2002 AT 10:00 A.M. AT SUMMIT HOTEL, SUBANG JAYA, SELANGOR D.E.

Attendance : 20 present plus 20 by proxy = 40 members (list attached).

Item	Matters discussed	Action by
1.	The IMM President, Dr. A. Rahim Mohd. Nor, explained the reasons for the E.G.M. to members present. The purpose of the E.G.M. was to discuss and adopt the proposal by the IMM Council to amend the IMM Rules in order to allow the IMM to establish private limited companies which will conduct the business and investment activities of the IMM. The President explained that IMM Rules Clause 1.3 on IMM's objectives has to be amended by adding an extra objective, identified as Clause 1.3 (e).	Info.
2.	Upon review of the extra objective, members recommended that the IMM Council shall ensure that the IMM companies carry out their business activities within the framework of the IMM Rules and objectives. The President assured the members that the Memorandum & Articles of Association shall restrict the business activities of the IMM companies within those framework and the IMM Council shall be responsible for this as governed by IMM Rules Clause 3.4.1.	IMM Council
3.	With no further queries on Clause 1.3 (e), the IMM President requested for a vote and a unanimous vote of approval was recorded from members for Clause 1.3 (e).	Info.
4.	The President next explained that the Registrar of Societies have recommended that an additional Section XI be added to the IMM Rules to describe the role of the Management Committee mentioned in Clause 1.3 (e). The draft of the new Section XI was reviewed and discussed by members present.	Info.
5.	Members queried on how the Board of Directors of IMM's companies will be selected. The President informed that the Council had proposed 2 directors to be appointed from the Management Committee and Council Members. Members requested that ordinary IMM members be considered for appointment as directors. It was highlighted that IMM do not have the funds to pay director's salaries and ordinary IMM members who wish to become directors must be willing to commit their time voluntarily and be involved hands-on in the operations of IMM's activities, without expecting director's fees until such time in the future when IMM has the capacity to provide appropriate compensation and remuneration.	IMM Council

6.	It was highlighted that Clause 11.8 should include the words " of wholly-owned subsidiary companies " after the first three words. This suggestion was unanimously agreed.	Hon. Secretary
7.	The President informed members that a lawyer had been consulted with regard to the establishment of private limited companies by IMM. The lawyer had informed that the shares of the IMM shall be held in trust by a Board of Trustees and recommended that the trustees consist of the President, Deputy President, and the Immediate Past President, who are the three highest level of officers in the IMM Council. A Trust Deed shall be drawn up between IMM and the Board of Trustees. It was therefore proposed to include this into the IMM Rules as Clause 11.10.	Hon. Secretary
8.	With no further queries on Section XI, the President requested for a vote and a unanimous vote of approval was recorded from members for the inclusion of Section XI with the proposed changes.	Info.
9.	The revised amendments, document number IMM/ATR(1)Rev.1(06/02), will be attached to the minutes of meeting for reference. The President and the Hon. Secretary of the IMM shall seek the approval of the Registrar of Societies for the amendment to the IMM Rules. With no other matters, the Extraordinary General Meeting was declared closed by the President at 11:00 a.m.	Hon. Secretary President & Hon. Sec.

Minutes prepared by :-

Confirmed by :-



Ir. Ong Chong Hup
Hon. Secretary
10th June, 2002



Dr. A. Rahim Mohd. Nor
President
10th June, 2002

**LIST OF ATTENDANCE FOR IMM EXTRA ORDINARY GENERAL MEETING
ON 8 JUNE 2002 AT THE SUMMIT , SUBANG JAYA, SELANGOR**

PRESENT

NO	NAME	MEMBERSHIP NO.	ORGANISATION
1	DR. A. RAHIM MOHD NOR	F3	PRSS
2	MR. RAYMOND LAM	452	JP KENNY
3	MR. BARRY LOI CHEE CHIEN	152	MPE LINDUNG S/B
4	PROF. DR. CHE HUSNA AZHARI	F55	UKM
5	IR. MOHD SURADI YASIN	F10	OGP TECHNICAL SERVICES
6	EN. ABDULLAH HASSAN	F546	SIRIM
7	MR. KANG KIM ANG	F12	VCI
8	IR. ONG CHONG HUP	F88	MPE LINDUNG S/B
9	MR. ADRIAN D'CRUZ	95	HEMPEL COATINGS S/B
10	EN. JALIL IBRAHIM	450	ELMAR S/B
11	MR. CHONG CHIEN FATT	F191	ANCOM BHD
12	DR. TEH SER KOK	F18	UM
13	EN. JUNAIDY ABDULLAH	M70	MPE LINDUNG S/B
14	DATO' DR. ONG ENG LONG	F79	MREPC
15	MR. TEE KEH SENG	M71	LH ENTERPRISE
16	EN. AB. GHALIB THAM	F561	SIRIM
17	EN. ZAINUDDIN ISHAK	F62	HAVEN CORRO.
18	IR. MOHD RAZIFF EMBI	F2	TEKNIK JANAKUASA S/B
19	DR. AHMAD FAUZI	203	USM
20	DR. ABDUL AZIZ MOHAMED	F478	MINT

BY PROXY

NO	NAME	MEMBERSHIP NO.	ORGANISATION
1	MR. HARRY WOON	F446	BREDERO PRICE (M) S/B
2	PN MAIMUNAH ISMAIL	F78	SARAWAK SHELL BHD
3	MR. KOK WAI CHEE	235	DUPLEX TECHNOLOGY
4	MR. CHONG CHEN YOON	190	VITAL INNOVATION
5	MR. TAN YEW MIN	96	
6	DR. ESAH HAMZAH	F011	UTM
7	IR. TEE YIN TIONG	F214	MUHIBBAH ENG S/B
8	DATO' DR. MOHD MANSOR SALLEH	HF1	
9	EN KHAIRUL NIZAR ISMAIL	M397	
10	IR. DR. EDWIN JONG NYON TCHAN	F490	SARAWAK SHELL BHD
11	EN HASNAL BAKIYAH MOHD NOOR	M80	MPE LINDUNG S/B
12	MR. ROBERT WALKER	552	SBN
13	CIK MASHITAH YEOP	54	EURONAVY S/B
14	MR. FRANKIE CHUA CHENG HUAT	88	PLC LABORATORIES
15	PROF. DR. SALIHUDDIN RADIN SUMADI	408	
16	DR. RADZALI OTHMAN	F536	USM
17	MR. SAMAYAMUTTHRIAN	518	USM
18	DR. AZIZAN AZIZ	559	USM
19	EN. HASAN ZUHUDI ABDULLAH	557	USM
20	CIK SRIMALA SREEKANTAN	442	USM

INSTITUTE OF MATERIALS , MALAYSIA

PROPOSED AMENDMENTS TO IMM RULESAMENDMENT TO CLAUSE 1.3 AND ADDITION OF SECTION XI

The Council of the Institute of Materials, Malaysia (IMM) has proposed to establish a private limited company fully-owned by the IMM and managed by a Board of Directors appointed by the IMM for the purpose of conducting business activities on behalf of the IMM.

The IMM has been operating with volunteers from the government and private sectors with the assistance of private activity organizers. The IMM Council realizes the limitations of volunteers in overseeing the activity organizers. As such, the IMM Council proposes to employ full-time staff under a wholly-owned private limited company fully-dedicated to carry-out the objectives of the IMM.

AMENDMENT TO CLAUSE 1.3

Clause 1.3 of the IMM Rules spell out the objectives of the IMM. The existing Rules contain four objectives listed from (a) to (d). An additional objective, listed as item (e) shall be added as follows :-

- 1.3 The objectives of the IMM shall include the following :
- (a) to encourage education in Materials Science and Engineering.
 - (b) to promote research and development in the fields of Materials Science and Engineering.
 - (c) to encourage collaboration between the industrial sectors, research institutes and universities.
 - (d) to promote honourable practice and professional etiquette among members of the IMM.
 - (e) **to set up wholly-owned subsidiary companies registered under the Companies Act to undertake activities for the IMM and to operate business and investment activities beneficial to the IMM . Such companies shall be managed by a Board of Directors appointed by the Management Committee in accordance to IMM Rules Section XI.**

ADDITION OF NEW SECTION XI

XI MANAGEMENT COMMITTEE

11.1 The financial assets of the Institute of Materials, Malaysia (IMM) shall be managed by a Management Committee in accordance to IMM Rules Section VIII.

11.2 The Management Committee of five members shall comprise of the following:-

- IMM President (in the Chair)
- IMM Deputy President
- IMM Honorary Secretary
- IMM Honorary Treasurer
- IMM Immediate Past President

Should any of the above office-bearers decline to be a member of the Management Committee, the IMM Council may nominate a Council Member to fill up the vacancy.

11.3 The Management Committee shall meet at least four times a year or as regularly as deemed necessary for the resolution of issues pertaining to activities of the IMM, and planning for the future of the IMM.

11.4 Quorum for Management Committee meetings shall be 3 out of 5.

11.5 All meetings shall be minuted by the Hon. Secretary and signed by the Chairman as evidence of the due passing of any resolution and of the amount of the majority in favour thereof. The results of resolutions and decisions made shall be announced at subsequent IMM Council Meetings.

11.6 The Management Committee shall oversee the set-up of wholly-owned subsidiary companies registered under the Companies Act to undertake activities for the IMM or to operate business activities beneficial to the IMM, as allowed for in the IMM Rules clause number 1.3 (e) 3.4.1 & 3.7.3. Such companies shall be managed by a Board of Directors appointed by the Management Committee. All profits and proceeds obtained through involvement in business and investment activities of the IMM shall be for the purpose of development, growth, and achieving the objectives of the IMM and none of the profits and monies gained shall be used to pay benefits or bonus to any individual member. However, this provision shall not prohibit any payment made for the good cause, to pay salaries, benefits, and expenditures to any working/active members, workers, and staff of the IMM.

- 11.7 **The Chairman, and in his absence, the Deputy Chairman shall preside at each meeting. In the absence of both, either one of the remaining 3 committee members shall preside over the meeting, based on mutual consent.**
- 11.8 **Investments and businesses of wholly-owned subsidiary companies of the IMM shall be overseen by the Board of Directors appointed by the Management Committee. The day-to-day running of the businesses shall be carried out by permanent staff employed by the businesses.**
- 11.9 **The Board of Directors shall provide monthly reports to the Management Committee for review.**
- 11.10 **The shares of the IMM shall be held in trust by a Board of Trustees appointed by the Management Committee. A Trust Deed shall be drawn up between the IMM and the Board of Trustees.**

IMM Polymer Committee: 2002-2004

Chairman: Dato' Dr Ong Eng Long

Secretary: Dr Kamarudin A Malik

Members: Dr K H . Leong

Puan Siti Haslina

Dr M Nasir

Ir. Mohd Suradi Yasin

Ir. Ong Chong Hup

Proposed Calendar of Activities for the Polymer Committee 2002 - 2004 Council Session.

Activities	Frequency	Schedule	Proposed events
Factory visits	Twice a year	24 th August 2002	Plastic Factory, Kampar
		December 2002	Rubber factory Selangor
		May 2003	Resin Factory Johor
		November 2003	Rubber Factory Selangor
		February 2004	Rubber Factory Penang
Luncheon/Dinner Talk	Twice a year	13 th September 2002	Polymer latices
		November 2002	Rubber in Engineering
		February 2003	Plastic Materials
		August 2003	Polymer education
		December 2003	Advanced materials
Short course/Workshop	Once a year	October 2002	Protein analysis
		July 2003	Polymer analysis
Polymer Seminar		2004	

Please note that some of these events may be held in collaboration with other Institutions. For further information, email to Dato' Dr Ong Eng Long, FASc <elong@mrepc.com> and IMM Secretariat <iomm@po.jaring.my>

IMM -SIRIM WELDING COURSES

1 WELDING TECHNOLOGY AND QUALITY CONTROL

Comprehensive course on welding technology, welding material, welding consumables, welding metallurgy, welding inspection, destructive test, non destructive testing, welding standards and codes, development of welding procedure, welder qualification, ISO quality management and OSHE safety requirement
Practical training in welding inspection and evaluation by welding standards

Certificate to be issued by SIRIM Berhad

LECTURER:	Professional welding inspectors and engineers from SIRIM, MINT, University
PLACE:	SIRIM Berhad
DATE:	16 - 20 SEPT. 2002 (5 DAYS)
FEES:	RM 2500 for big industries and those not qualified for subsidy RM 500 FOR SMALL AND MEDIUM SCALE INDUSTRIES (PAY 20% ONLY + 80% SUBSIDIZED BY SMIDEC)
WHO SHOULD ATTEND	Engineers, technologists, inspectors and supervisors working in industries related to welding
INSTRUCTION MEDIUM	English and Bahasa Malaysia

2 IMM EXAMINATION AND CERTIFICATION OF WELDING INSPECTOR

One day examination and certification program according to the regulations of Institute of Materials, Malaysia. Level of qualification is designed to be at par or higher than other scheme of certification of welding inspectors.

Certificate to be issued by Institute of Materials, Malaysia

PREREQUISITE	Having attended course organized by SIRIM Berhad in welding technology and quality control
PLACE	SIRIM Berhad
DATE:	16. OCT. 2002
FEES:	RM 1,000

CONTACT:	1	SIRIM Berhad (Ghalib Tham)	Tel: 03-5515 2202	Fax: 03- 5510 2727
	2	IMM Secretariat	Tel: 03-5121 8228	Fax: 03- 5121 9413

REMAINING IMM COURSES FOR 2002
ORGANISED BY: Gading Institute Sdn Bhd

NO.	COURSE	DATE
1	Power System Grounding & Electromagnetic Interference Analysis - Jointly organised by IMM and IEM	5-8 August 2002
2	Coatings Inspector	9-12 September 2002
3	Corrosion Control by Protective Paints	9-10 September 2002
4	Cathodic Protection Technician Level 1	14-18 October 2002
5	Blasting and Painting Supervisor	15-15 October 2002
6	Cathodic Protection Technician Level 2	28 October-1 November 2002
7	Coating Defects	13 September 2002

REMAINING IMM COURSES FOR 2002
ORGANISED BY: Telaga Ciru Management Services Sdn Bhd

NO.	COURSE	DATE
1	Coatings Inspector	1-4 August 2002 24-27 October 2002
2	Cathodic Protection Technician Level 1	10-13 August 2002 9-12 November 2002
3	Welding Inspector Module 1 Module 2	18-21 December 2002 Date to be advised

INTERNATIONAL EVENTS

ICMAT 2003 SINGAPORE

Website : www.mrs.org.sg/icmat2003

29 June - 4 July 2003

The International Conference on Materials For Advanced Technologies, organised by Singapore Materials Research Society .

INDIA RUBBER EXPO 2003

Website : seminar@indiarubberexpo.com

10 - 13 February 2003

Organised by the All India Rubber Industries Association (AIRIA)

Introducing

IMM GOLFERS' CLUB

Many golfers have a similar problem, i.e. finding enough "kaki" to play with. The IMM Golfers' Club aims to provide an avenue for IMM members and intending members to enjoy their golf games in a circle of people with similar interests in Materials Science, Technology & Engineering.

A "Club Captain" will be appointed monthly on a rotation basis. Everyone gets to become a Club Captain at least once. His duty is to fix the game schedules for his month and e-mail to all "registered" members of this club at least one week before the start of his month.

Golf Rules and Ethiquettes shall prevail. Each player shall pay for his own green fees, buggy fees, caddy fees (if applicable), etc. There is no registration fee for this IMM Golfers' Club. It is a networking club for our golfing members. Please register by e-mail to IMM Secretariat iomm@po.jaring.my providing your name, IMM membership number, e-mail, and handphone number. It is recommended that golfers join the APAG (Asia Pacific Amateur Golfers) by logging in to www.asiapacificamateurgolfers.com which offers free play at a number of clubs around Malaysia.

Next IMM BOWLERS' CLUB ????

All Regional Committees are encouraged to set up similar clubs in their regions. The above Golfers' Club will start in the Central Region (K.L., Selangor Negeri Sembilan). Soon we may see the IMM Sarawak Golfers' Club, IMM Southern Golfers' Club, IMM East Coast Golfers' Club and IMM Northern Golfers' Club.

INSTITUTE OF MATERIALS, MALAYSIA
IMM ANNUAL GOLF TOURNAMENT 2002

with support from
Offshore Structure Fabricators Association of Malaysia (OSFAM)
and
IEM Oil & Gas & Mining Engineering Technical Division

REGISTRATION FORM

Venue : Kelab Golf Perkhimatan Awam, Off Jalan Damansara, PJ
 Date : Sunday 20th, October, 2002
 Registration & Lunch : 12:00 noon
 Tee-off time : 01:00 p.m. sharp (Shot-gun start-off)
 Mode-of-play : Stableford
 Dinner & Prize-Giving : 7:00 p.m.

REGISTRATION FEE:

RM160.00 per player (includes green fee, buggy fee, lunch, goodies pack, and dinner). Lots of prizes to be won!

Closing Date for registration : 11th October, 2002

Name of Player	Male/Female	Handicap	Amount (RM)
TOTAL :			

Company Name : _____

Contact person : _____

Off.Tel: _____ H/P: _____ Fax: _____

• All cheques to be issued account payee to "Institute of Materials, Malaysia".

• Credit card payment : Fill in details, sign and fax to IMM 03-51216116/51219413

Attention : Puan Rohaya Rahim, Admin. Executive (Tel:03-51226352/51218228)

VISA/MASTERCARD No: _____

AMERICAN EXPRESS CARD No: _____

Card Holder Name : _____

Card Expiry Date : _____

Card Holder's Signature : _____

Card Holder's Address : _____

Detail programme will be sent to all registered players prior to the tournament day.

For details, contact Ir. Chong Chien Fatt, Chairman IMM Social Activities

Committee H/P: 012-3760133 E-mail:ccf@ancom.com.my, or

Ir. Mohd. Suradi Yasin H/P: 012-3830995 E-mail:suradi@petronas.com.my

INSTITUTE OF MATERIALS , MALAYSIA

VISION

TO BECOME *the* AUTHORITY ON MATERIALS SCIENCE, TECHNOLOGY & ENGINEERING IN MALAYSIA BY 2020.

MISSIONS

1. TO BECOME THE CENTER FOR MATERIALS INFORMATION IN MALAYSIA.

Members and the public will be able to source, research, and investigate information on Materials science, technology and engineering at the IMM Center in Malaysia.

2. TO PROVIDE THE ROUTE TO ATTAINING PROFESSIONAL STATUS FOR MATERIALS SPECIALISTS IN MALAYSIA.

IMM Professional Members to be able to attain recognized Professional status awarded by local and international governing bodies on professional accreditation.

3. TO PROVIDE TECHNICAL SKILLS CERTIFICATION AND EDUCATIONAL PROGRAMMES IN MATERIALS SCIENCE, TECHNOLOGY & ENGINEERING.

IMM to career advancement opportunities for non-professional members through technical competency certification and educational training courses for skills such as blasting & painting, painting inspection, welding inspection, cathodic protection technology, corrosion control technology, plastics technology, composites fabrication technology, rubber processing technology, ceramics technology, wood technology, concrete technology, metallurgy, advanced materials technology, etc.