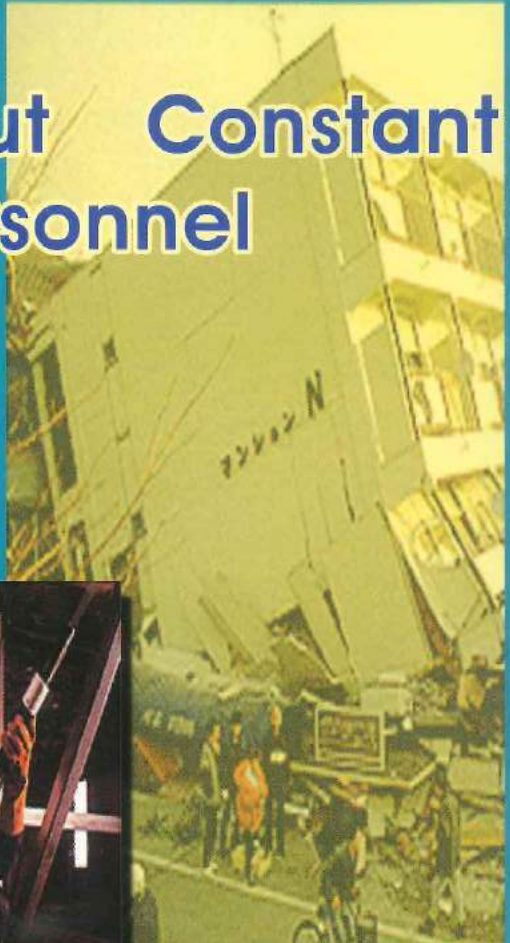
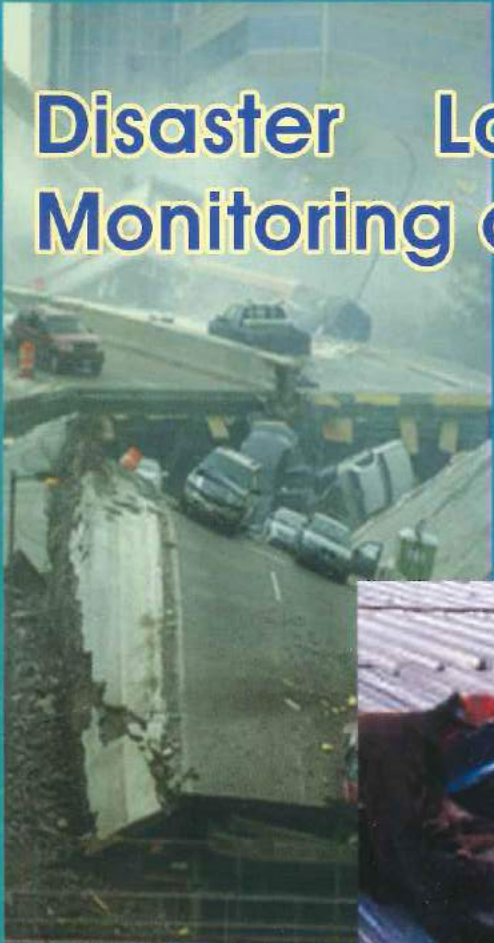


## MANPOWER OPTIMISATION SCHEME

### Disaster Looms Without Constant Monitoring of Trained Personnel

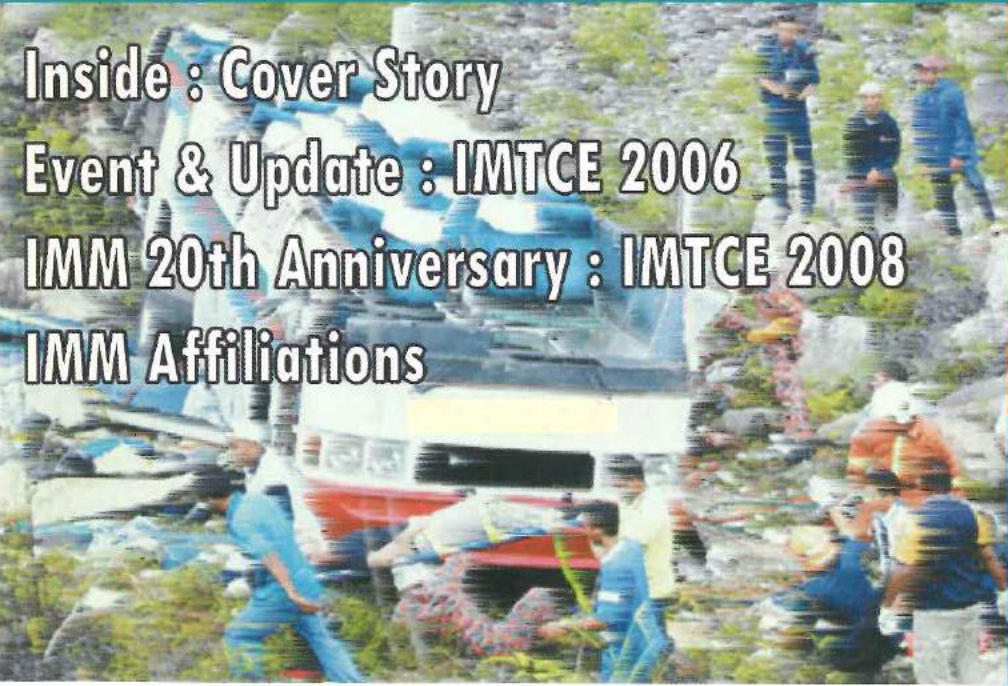


**Inside : Cover Story**

**Event & Update : IMTCE 2006**

**IMM 20th Anniversary : IMTCE 2008**

**IMM Affiliations**



### NOTICE

From 1st January 2008 all IMM Certified Blasters, Painters & Coatings Inspectors shall be registered in MOS System. Details, refer to page 2

### ECAP Guides

Recertification guide for Blaster & Painter and Coatings Inspector available inside. Refer page 7.



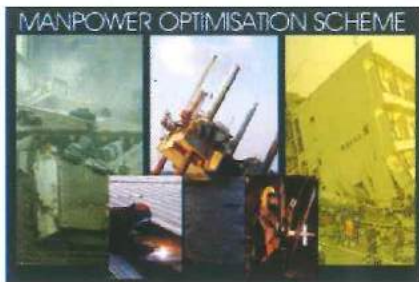
# Content

## Cover Story

DISASTER LOOMS WITHOUT CONSTANT MONITORING OF TRAINED WORKERS

Major disasters can be avoided if competency of critical trades is continuously monitored and only monitored skilled work force are allowed to practice their trade.

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## ECAP Guides

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MTE / PRIMOS page 10

## COUNCIL COMMITTEE



## IMM COUNCIL MEMBERS FOR 2006-2008



ADVISOR  
PRESIDENT

DATO' DR MOHD ARIFFIN HJ ATON  
EN ZAINUDDIN ISHAK

DEPUTY PRESIDENT

Ingress Fabricator Sdn Bhd  
DATO' DR. ONG ENG LONG

HONORARY SECRETARY

Malaysia Rubber Export Promotion Council  
IR MAX ONG CHONG HUP

HONORARY TREASURER

GLP Resources (M) Sdn Bhd  
IR MOHD. SURADI YASIN

IMMEDIATE PAST PRESIDENT

Materials Technology Education Sdn Bhd  
DR AB. RAHIM MOHD. NOR

COUNCIL MEMBERS

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DR EDWIN JONG NYON TCHAN  
Sarawak Shell Bhd  
MR KANG KIM ANG  
Corrtrol Sdn Bhd  
MR HARRY WOON  
Bredero Shaw (M) Sdn Bhd  
ASSOC PROF DR SAIFOLLAH BIN ABDULLAH  
Universiti Teknologi Mara (UiTM)  
PROF DR MOHD KAMAL BIN HARUN  
Universiti Teknologi Mara (UiTM)  
PROF DR ESAH BT HAMZAH  
Universiti Teknologi Malaysia (UTM)  
MR ONG HOCK GUAN  
Sarawak Shell Berhad  
DR ABDUL AZIZ MOHAMED  
Malaysia Institute for Nuclear Technology (MINT)  
MR YII MING SING  
Malaysia LNG Sdn Bhd  
ASSOC PROF DR MUHD. ZU AZHAN YAHYA  
Universiti Teknologi Mara (UiTM)  
IR LEE SWEE ENG  
KNM Group Berhad  
PROF DR CHE HUSNA AZHARI  
Universiti Kebangsaan Malaysia (UKM)  
MR MOHD NOOR HUSSEN  
Petronas Carigali Sdn Bhd  
MR FRANKIE CHUA CHENG HUAT  
PLC Laboratory Sdn Bhd  
DR LEONG KOK HOONG  
Petronas Research (PRSS)

WORKING COMMITTEES

EXAMINATION, CERTIFICATION & ACCREDITATION PANEL (ECAP)  
PUBLICATION COMMITTEE  
MATERIALS EVALUATION COMMITTEE  
CORROSION COMMITTEE  
POLYMERS COMMITTEE  
WELDING COMMITTEE  
COMPOSITES COMMITTEE  
SOUTHERN REGION COMMITTEE  
NORTHERN REGION COMMITTEE  
EAST COAST REGION COMMITTEE  
SARAWAK COMMITTEE  
ACADEMIC NETWORKING COMMITTEE



# MANPOWER OPTIMISATION SCHEME DISASTER CAN BE AVOIDED

Major disasters can be avoided if competency of critical trades is continuously monitored and only monitored skilled work force are allowed to practice their trade.

## INTRODUCTION

MOS (Manpower Optimisation Scheme) is current applicable for welders, soon it will be a mandatory for other trades as well such as painter and blaster, coatings inspector, scaffolder etc.. MOS will monitor records of work performance of an active tradesman in the industry.

At any time when the stake holder require job to be done, he/she can go to MOS website to check the competency of the tradesman for the project. The data in the MOS system will be updated and maintained consistently by the inspector, project leader and content provider.

The MOS system is introduced to ensure that only qualified and competent skilled personnel are allowed to work.

## THE SCHEME

In the MOS system, the skilled worker is assigned to a job and all his works are supervised by registered Supervisor / Inspector in the project. The Supervisor / Inspector will monitor skilled worker's work and will update skilled worker's performance online as required by the MOS system.

In this manner the skilled worker's work and performance are continuously tracked by the system. This information is accessible online by the project owner/client, fabricator/contractor, skilled worker's employer and MOS administrator.

Any skilled worker who has lapsed work for more than 6 months, he/she has to undergo a competency test again at designated Test Centre, before he is allowed to return to his skilled job.



## FEES

Free Registration fees during introductory period from 1st October 2007 - March 2008.

After introductory period, MOS registration fee shall be as follows;

Worker - RM120.00 per year

Contractor Company - RM1000.00 per year

Owner / Client Company - RM5000.00 per year

## DATLINE

Starting on the 1st January 2008, MOS Scheme will be applied to all IMM certified Blaster & Painter and Coatings Inspector. The names of unregistered Blaster & Painter, and Coatings Inspectors will not appear on the MOS Register. The dateline for welder will be decided in due course.

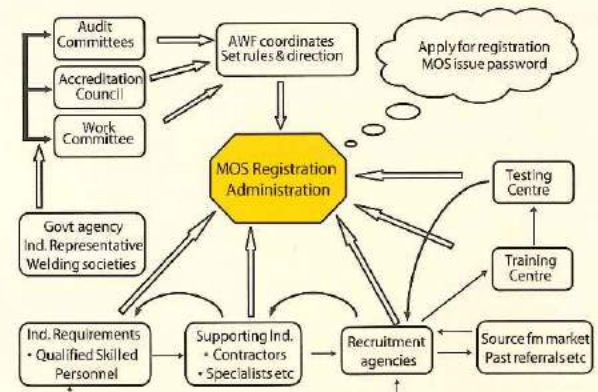
## RECOGNITION

This scheme is recognized by Malaysia's

- Department of Safety and Occupational Health (DOSH),
- National Vocational Training Council (MLVK) under Ministry of Human Resources, and
- Oil & gas industries.

Welders registered in the MOS will be recognized by all Asian countries, ie. he/she can work anywhere in Asian countries without going through the statutory test procedures in the host country.

## MOS - THE FLOW



\* IMM Certified Blaster & Painter and Coating Inspectors registered with MOS will no longer require re-certification every five (5) years as the MOS programme will monitor and maintain their status.



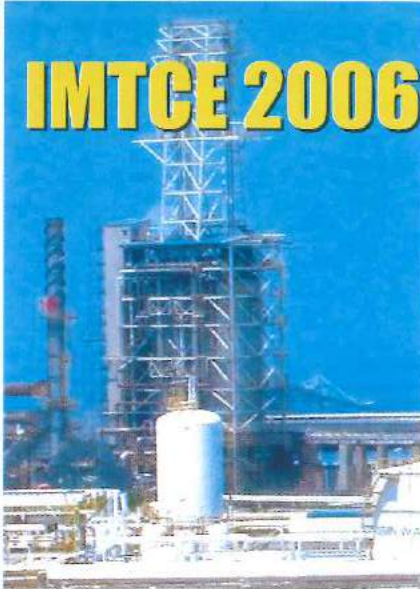
## 5TH INTERNATIONAL MATERIALS TECHNOLOGY CONFERENCE & EXHIBITION

During the conference, over 90 papers were presented covering new and diverse areas in materials and materials related activities. They came from industry and research centres from all over the world such as UK, USA, Australia, Japan, Singapore, Indonesia, Canada and Middle East. Local research centres and industry such as MINT, UKM, USM, UTM, UiTM, Malaysia Rubber Board, Petronas and SIRIM Berhad participated in the conference.



IMTCE 2008 is scheduled in, August 2008 in conjunction with the IMM 's 20th anniversary.

### IMTCE 2006



IMM 5th International Materials Technology Conference & Exhibition IMTCE 2006 was held on 17th - 20th July 2006 at Mutiara Crowne Plaza, Kuala Lumpur.

This meaningful event started with IMM Biennial Conference Golf that was held at IOI Palm Garden Putrajaya.

IMTCE 2006 was officiated by YBhg Dato' Dr Mohd Ariffin Hj Aton, a prominent industry leader in standards and Advisor to IMM on the morning of the 18th September.

Three plenary papers were presented during the 2-day conference. The first day plenary entitled "Positioning Natural Rubber in the Global Market Place" was presented by Dato' Dr Ong Eng Long from Malaysian Rubber Export Promotion Council (MREPC)

Two plenary papers were presented on the second day of the conference entitled "Bio-diesel From Palm Oil" by Dr Choo Yuen May from Malaysian Palm Oil Board (MPOB) and "Setting Standards for Innovative Manufacturing" by Dr. Yahya bin Ahmad from SIRIM.

On the final day, the delegates participated in a technical visit to Petronas Refinery & Composites Technology Research Malaysia (CTRM) at Melaka.



Pre-conference : Participant registering for a golf tournament



IMTCE2006 official launching



Dr Choo Yuen May presenting the plenary paper.



Dinner and tradisional performance



Technical visit to Petronas Refinery & Composites Technology Research Malaysia (CTRM) at Melaka.



## BINTULU CORROSION SEMINAR

7th March 2007

IMM have collaborated with Institute of Engineers Malaysia (IEM), Bintulu Region to organise corrosion seminar on 7th March 2007 at Hotel Parkcity Everly, Bintulu, Sarawak. There were nine papers presented by knowledgeable speakers. Over 60 participants representing oil companies, NGOs and different business sectors attended the seminar. The participants had a chance to visit Malaysia LNG Sdn Bhd at Bintulu, Sarawak on the following day.

A friendly Golf Game was also held on the 2nd day at Bintulu Golf Club.



Tn Hj Ismail Kamari giving the opening speech.

## EAST COAST REGION - SEMINAR

14th December 2007

East Coast Region Seminar was held on 14th December 2006, The seminar was organised by the East Coast Region at Awana Kijal Resort, Terengganu. The theme was "Corrosion Protection by Coating & Cathodic Protection". The seminar was attended by over 50 interested participant especially from east coast region.



## CORROSION SEMINAR, KL

18th September 2007

The Corrosion Seminar was conducted on 18th September 2006 at Hotel Mutiara Crown Plaza, Kuala Lumpur. The seminar theme was "Revolutionary Approached". Nine international presenters attracted 80 participants to sit through until 5.00pm.



IMM Seminar always receive good response and provide excellent platform for networking between industry, academia and government.

## ROADSHOW AT LUMUT

17th June 2006

On the 17th June 2006, IMM committee organise a roadshow at Lumut. It was held at Conference Room, Orient Star Hotel, Lumut. The purpose for this 1 day activity is to promote and introduce IMM membership and training scheme.



## AGM 2006, KL

23rd March 2007

17th IMM Annual General Meeting was held at 5.30 pm at Corus Hotel, Kuala Lumpur on 23rd March, 2007.

It was held together with the 'Talk on Materials & Minerals' which was jointly organised with IOM3, Malaysia Branch.

## COMPOSITES TALK, KL

12th February 2007

Once again IMM and IOM3 jointly organized a high-tea session on composites materials on 12th February 2007 at Level 40, KLCC (Tower 1). The invited speaker was Prof. P.J. Hogg from Queen Mary, University of London.

The talk theme was "Materials Issues in Wind Turbines" which present a review of the current status of wind energy, basic wind turbine configurations and the design requirements that dictate the selection of materials. The evolution of wind turbines to ever greater sizes in terms of generating power will be shown to have led to greater demands on the structures leading to a need to introduce new materials and/or to seek a different design philosophy.

The talk received good response and ended late evening.

## VISIT TO MMHE

9th August 2007



IMM & IOM3 group picture during visit to MMHE yard.

IMM Southern Region Committee jointly with Institute of Materials, Mining and Minerals (IOM3) Malaysia Branch had organised a visit to Malaysia Marine and Heavy Engineering Sdn Bhd (MMHE) at Pasir Gudang, Johor on Thursday, 9th August 2007. The purpose of this visit is to establish good relationship with the industry and to share experiences in materials protection.

Total of 10 members of IMM and IOM3 attended the visit. MMHE's host include En M Adnan Harun, En Saeman Tukiman and Pn Khamisah Mohd Aspar. Delegates had the chance to see closely activities such fabrication of ships and oil & gas facilities at the yard.



EVENTS

**APPRECIATION TO ADVISOR**

16th March 2007

YBhg Dato' Dr Mohd Ariffin Hj Aton, a prominent industry leader in standards & industry. We thank him very much for his contribution.

President of IMM, En. Zainudin Ishak presenting a Certificate of Appreciation to Dato' Dr. Mohd Ariffin Haji Aton for his service as Advisor to IMM for the past 3 years. (2004,2005 & 2006).



Photo (from left to right):

Prof Dato' Dr. Hj Mohd. Mansor bin Hj Mohd Salleh, En. Zainuddin bin Ishak, Dato' Dr Mohd Ariffin Hj Aton, Ir. Suradi Yasin, Assoc Prof Dr Mohd Kamal Harun.

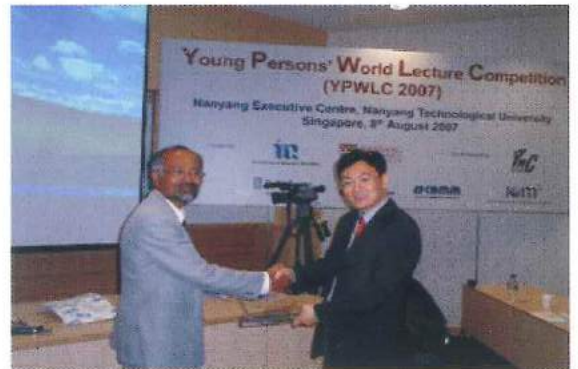
**MALAYSIA WINS THE YOUNG PERSONS' WORLD LECTURE COMPETITION**

Universiti Sains Malaysia fielded its candidate, Mary Donnabelle Balela who is doing her Masters Degree in Materials Engineering under Associate Professor Dr. Ahmad Fauzi bin Mohd Noor. Donna was one of the 7 finalists who presented their lecture on 8 August 2007 at the Young Persons' World Lecture Competition held at Nanyang Technological University, Singapore.

The 7 finalists came from Malaysia, Singapore, U.S.A., U.K., Hong Kong, Brunei and Ireland.

Donna presented her lecture on Cobalt Nanoparticles: Synthesis, Properties, and Applications. Her presentation was so enthralling and enlightening that she won the hearts of everyone present.

This annual competition was organized by the Institute of Materials, Minerals and Mining U.K. and this was the first time it was held outside Europe. The Institute of Materials, East Asia in Singapore hosted and co-organized this event with support from the Nanyang Technological University.



En. Mohd Redzuan (Chairman of IOM3 Malaysia Branch) Presenting a memento to Professor Dr Michael Khor (President of IOM East Asia)



Group photo:-

L-R back-row: Dr. Liu Erjia, Dr Zhao Jianhong, Dr Raju Ramanujan, Mr Kang Kim Ang, Engr Max Ong, Dr Teh Ser Kok.  
L-R front-row: Prof Dr Ooi Chui Ping, Prof Dr Michael Khor, En Mohd Redzuan Md Ramli, Mr Lim Weng Tong, Ms Mary Donnabelle Balela, Assoc Prof Dr Ahmad Fauzi Md Noor.



YPWLC 1st Prize Winner Ms Mary Donnabelle Balela from University Sains Malaysia (USM) presenting "Cobalt Nanoparticles"



# IMM 20TH ANNIVERSARY CELEBRATION

**AUGUST 2008**

**KUALA LUMPUR, MALAYSIA**

In conjunction with the IMM 20th Anniversary, the 6th International Materials Technology Conference and Exhibition (IMTCE 2008) will be held in Kuala Lumpur, Malaysia on August 2008 together with events such as banquet dinner, golf tournament, technical visits and research exhibition competition.

## IMTCE 2008

**6TH INTERNATIONAL MATERIALS TECHNOLOGY CONFERENCE  
& EXHIBITION**

### 2-DAY TECHNICAL CONFERENCE ON MATERIALS SCIENCE & ENGINEERING

#### ABSTRACT SUBMISSION :

1. Author information: name(s), title(s), affiliation, telephone number, and email address.
2. A 30-50 word abstract in PDF (Acrobat V6.0 or newer) format. Do not use a zip file.
3. A statement using company letterhead authorizing IMTCE 2008 to print your abstract and publish your technical presentation on CD ROM if your paper is selected.
4. All submission must be in English

#### SUBMISSION OF ABSTRACT

Dateline : 31st December 2007

NOTIFICATION OF ACCEPTANCE : 31st January 2008

### 2-DAY EXHIBITION OF PRODUCT & SERVICES , RESEARCH ACTIVITIES

#### FOR BOOKING OF EXHIBITION BOOTHS :

Attention : Mr. C. P. Saw

ECMI Services Sdn Bhd

23-2, Subang Business Centre, Jalan USJ 9/5Q

47620 Subang Jaya, Selangor

Tel. 03-8023 0820

Fax. 03-8023 0830

Please provide me information on the following event ;-

Dinner Banquet

Technical Visit

Technical Conference

Golf Tournament

Research Exhibit Competition

Exhibition

My contact details as per below

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

Contact no (HP) : \_\_\_\_\_

Office address : \_\_\_\_\_

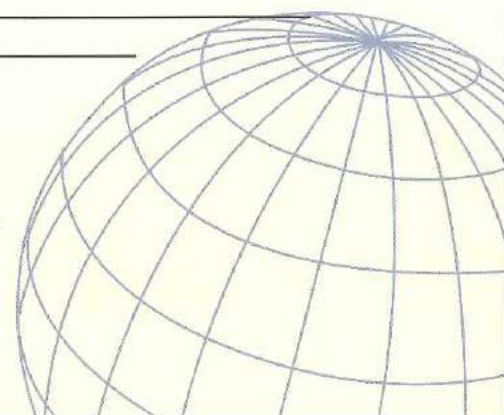
Contact no (Office) : \_\_\_\_\_

Email: \_\_\_\_\_

Event Organiser



Materials Technology Education Sdn Bhd  
No. 10-1, Jalan Bandar 3, Pusat Bandar Puchong,  
47100 Puchong, Selangor Darul Ehsan  
Tel.: 03-5882 3574 Fax: 03-5882 3574  
Email: market.even@lifeskills.com.my  
Website: www.lifeskills.com.my





# GENERAL GUIDESLINES FOR RE-CERTIFICATION



## BLASTER & PAINTER CERTIFICATION SCHEME (REVISION 3 / JANUARY 2007)

1. All graduates of the IMM Protective Coatings Technician (Blaster & Painter) Certification Scheme shall maintain a 5-year record of their work experience.
2. The work experience may be recorded in a log-book prepared by the certificate holder or his employer, and verified by an IMM Coatings Inspector or a Client Representative, or in the form of testimonials from the various project managers/client representatives.
3. Within six (6) months prior to expiry of the certification, the certificate holder shall submit an application to IMM for re-certification for another five (5) years.
4. Upon lapse of 6 months from expiry date, the certificate holder must re-sit for Blaster & Painter training to qualify for re-certification.
5. The certificate holder must submit the work experience record plus payment of the re-certification fee and IMM membership fee.
6. The re-certification fee is RM50.00 for another 5 years.
7. The IMM membership fees for another 5 years shall be in accordance to the membership grade of the certificate holder.
8. Upon receipt of the full payment of RM50.00 plus the 5-years IMM membership fee, the work experience record will be reviewed by the IMM Coatings Committee and IMM Examination, Certification, & Accreditation Panel (ECAP) for approval.
9. Once approved, the certificate holder will be issued a new certificate and I.D. card.

## COATINGS INSPECTOR CERTIFICATION SCHEME (REVISION 3 / JANUARY 2007)

1. All IMM Certified Coatings Inspectors (Level 2) shall maintain a 5-year record of their work experience.
2. The work experience may be recorded in a log-book prepared by the certificate holder and verified by his employer or Client Representative, or in the form of testimonials from the various project managers/client representatives.
3. Within six (6) months' prior to expiry of the certification, the certificate holder shall submit an application to IMM for re-certification for another five (5) years.
4. Upon lapse of 6 months from expiry date, the certificate holder must re-sit for CI Part 2 exam to qualify for re-certification.
5. The certificate holder must submit the work experience record plus payment of the re-certification fee and IMM membership fee.
6. The re-certification fee shall be RM250.00 for another 5 years.
7. The IMM membership fees for another 5 years shall be in accordance to the membership grade of the certificate holder.
8. Upon receipt of the full payment of RM250.00 plus the 5-years IMM membership fee, the work experience record will be reviewed by the IMM Coatings Committee and IMM Examination, Certification, & Accreditation Panel (ECAP) for approval.
9. Once approved, the certificate holder will be issued a new certificate and I.D. card.



### FOR FURTHER INFORMATION IMM SECRETARIAT OFFICE

No. 10-1, Jalan Bandar 3, Pusat Bandar Puchong  
47100 Puchong, Selangor  
Tel. 03-5882 3574 Fax. 03-5882 3524



**ICFMD 2008**  
**2nd International Conference On**  
**Functional Materials & Devices**  
**16-19 June 2008**  
**Berjaya Times Square, Kuala Lumpur**



### CALL FOR PAPERS

All correspondence should be sent directly to:-

The Secretariat  
 2nd INTERNATIONAL CONFERENCE ON FUNCTIONAL MATERIALS AND DEVICES 2008 (ICFMD-2008)  
 Faculty of Applied Sciences  
 Universiti Teknologi MARA  
 40450 Shah Alam  
 Selangor Malaysia  
 Tel : 03- 5521 1332 Fax : 03-5544 4652  
 Email : icmfd2008@salam.uitm.edu.my  
 tunkuishak@yahoo.com  
 tanwinie@salam.uitm.edu.my  
 Websites : <http://icfmd.uitm.edu.my>

## The Institute of Materials, Minerals and Mining (IOM3), Malaysia Branch



The Institute of Materials, Minerals & Mining

The Institute of Materials, Minerals and Mining (IOM3) UK, is the professional body for the international materials, minerals and mining community and exists to promote and develop all aspects of minerals science and engineering, geology, mining and associated technologies, mineral and petroleum engineering and extraction metallurgy.

The Institute plays an important role in the field of education, information dissemination, and in the professional development of materials, minerals and mining engineers and scientist. It has strong link with other professional bodies and makes an important contribution to decision making at government and international social issues.

More information at [www.iom3.org](http://www.iom3.org)

IOM3 Malaysia Executive Committee (2006/2007)

Chairman : En Mohd Redzuan bin Mohd Ramli

Honorary Secretary : Mr Lim Weng Tong

EXCO members : Datuk Fateh Chand  
 Mr Choo Mun Keong  
 Mr Chan Wan Choon  
 Mr Yip Foo Weng  
 Dr Ng Wing Kong  
 Dr Leong Kok Hoong  
 Engr. Max Ong Chong Hup

## The Institute of Materials, East Asia



Institute of Materials (East Asia)

The Institute of Materials, East Asia, IoM(E.Asia), is an affiliate of the Institute of Materials, Minerals and Mining (IOM3) UK, It was established in 1986 with its operation based in Singapore, reaching out to all East Asian countries and regions, including Brunei, China, Indonesia, Japan, Korea, Malaysia, Burma, Philippines, Taiwan, and Thailand.

The IoM(E.Asia) is a professional Institution with more than 500 members, Its mission is to promote knowledge of materials science and engineering. It devotes itself to organizing professional activities such as technical seminars, conferences, and training courses. The Institute assists and co-ordinates various research activities, and provides experts; services to the materials industry.

The IoM(E.Asia) has become an important player in Singapore in this respect. In addition, its influence over other East Asian countries is growing year by year.

More information at [www.materials.org.sg](http://www.materials.org.sg)

Executive Committee 2007/2008

President : Prof Dr Michael Khor Khian Aik

Vice-President : Prof Sr Sam Zhang Shanyong

Honorary Secretary : Prof Dr Ooi Chui Ping

Honorary Treasurer : Assoc Prof Dr Liu Erjia

Education Secretary : Dr S.N. Mukherjee

Technical Activities Secretary : Assoc Prof Dr Raju V. Ramanujan

Publication Secretary : Dr Zhao Jianhong

Membership Secretary : Dr Alfred Tok ling Yoong

Committee Membe : Dr Boey Siek Yeng

Committee Membe : Dr Liang Meng Heng

Committee Membe : Dr Sun Zheng



## Balai Ikhtisas Malaysia (BIM) Malaysia Professional Centre



The Center is a growing and viable entity and its potential to assist in national development has yet to be fully utilized. It is hope that the Center will be called upon to participate more fully in the mainstream of national development. This would fulfill its ultimate objective of serving the Nation and being a partner in the successful social and economic advancement towards national development.

With the advancement of science and technology, and the diversification of the economy, there is a greater need for specialized knowledge, skills and training the need for trained manpower.

The professional then represent a sector of the community whose resources may be tapped and be applied to meet such needs. It is through mutual consultation and a concerted effort of all in the private and public sectors that we may help build a better Malaysian - physically, socially and economically.

It is BIM fervent hope to see that professionals in Malaysia become leaders in their own chosen fields as well as renowned, influential and highly respected group in society. This brief history is not the end of the BIM story. The story of BIM is still unfolding and will continue to be developed and told for many more years to come.

### Executive Committee 2006/2007

President : Mr Isacc Sunder Rajan  
Deputy President :Hj Haron bin Abu Hassan  
Vice President I :Dr Tan Yoke Sing @ Hock Sin  
Honorary Secretary :Hj Ahmad Suhaimi bin Ismail  
Honorary Treasurer :Dr Vincent Ng In Hooi  
Immediate Past President :Hjh Ungku Anna bt Hj Ungku Mohamed

Member : Ar. Lee Chor Wah  
Engr. Choo Kok Beng  
Mr John S. C. Loh  
Datin Dr. Jayanthi Krishnan  
Mr. Chee Ong Koh

## The Confederation of Scientific and Technological Associations in Malaysia (COSTAM)



The Confederation of Scientific and Technological Associations in Malaysia (COSTAM) is the national umbrella organization of professional scientific and technological associations. It was inaugurated on June, 20 1980 and registered under the Societies Act 1966 on December 8, 1983.

The major activities of COSTAM are Organising scientific and technological conferences, seminars and workshops on issues of national and international interest, including the annual Malaysian Science and Technology Congress, organising the COSTAM- SFRR workshop and promoting public understanding and appreciation of science and technology.

COSTAM represents the scientific and technological community in Malaysia. It is represented in the National Council for Scientific Research and Development (MPKSN). COSTAM has established the Diners- COSTAM Science and Technology Promotion Fund and the Malaysian Nobel Laureate Foundation.

### Executive Committee 2007/2008

Patron : Y.B Dato' Dr Jamaluddin Jarjis (Minister of Science , Technology and Innovation)  
President : Professor Dr. Mohd Ismail Noor  
Deputy President: Professor Dr. Ir. Ruslan Hassan  
Vice President: Dr. Wan Noordin Wan Daud  
Datuk Prof Madya. Dr. Abu Bakar Bin Mohamad Diah  
Hon. Secretary : Mr. Tan Choo Tang  
Hon. Treasurer : Ms Christine Ong May Ee  
Hon. Asst. Secretary: Professor Madya. Dr. Norimah A. Karim  
Members : Mr. Mahenderan Appukutty  
Professor Dr. Lee Chai Peng  
Dr. Loo Koi Sang  
Professor Dr. NorAieni Hj. Mokhtar  
Dr. Mohd Hanafi Ali  
Professor Dato' Dr. Balwant Singh Gendeh  
Datuk Dr. Mohinder Singh (Hon. Auditor)  
Mr. Stephen Wong Kam Sum (Hon. Auditor)



## Singapore Welding Society (SWS)



SWS was formed to promote the technical advancement of the science, art, process, work, occupation, practice and standard of Welding in all its branches and uses and of all allied ancillary or complementary sciences, arts, processes and occupations and the attainment of knowledge to conduct researches and experiments therein respectively.

To disseminate, extent, impart and promote knowledge of all systems of welding and their respective application to industrial purposes and to promote proficiency therein and to consider, originate and promote reforms and improvements in methods of Welding and the use and application of Welding into and for industrial or commercial endeavor.

### Council Members Of Year 2007/2008

President : Mr Ang Chee Pheng  
1st Vice President : Professor Heng Keng Wah  
2nd Vice President : Mr Sze Thiam Siong  
Honorary Secretary : Mr Chow Ngai Mun  
Assistant Honorary Treasurer : Mr Eddie Ko  
Honorary Treasurer : Mr Ho Bee Leong  
Assistant Honorary Treasurer : Mr Eddie Ko  
Members : Dr Sun Zheng  
Mr Goh Lak Hee  
Mr Kelvin Lee  
Mr William Chong  
Mr Hilton Mesina  
Mr Perianan Radhakrishnan  
Dr Zhou Wei

## Materials Technology Education Sdn Bhd (MTE)

MTE is a joint-venture between IMM Resources Sdn Bhd (IMMR), a wholly-owned company of the Institute of Materials Malaysia, and IM Education Sdn Bhd, a subsidiary of the Inter Merger Group.

MTE was established to operate the educational activities of the IMM such as management of the technical courses and establishment of a Technological College (initially called "Institute of Materials Technology").

## Institute of Materials Technology (IMT)

IMT will be established to offer technical certificate and diploma courses in skilled materials technologies such as metallurgy, welding, corrosion, composites, polymers, etc.

The courses will be endorsed by IMM and TAFE (Australia) initially. Other educational institution such as Institute Soudure (France) and CRC-ACS (Australia) have indicated interest to support.

### Board of Advisors for the Institute of Materials Technology (IMT):-

- (1). Academician Tan Sri Datuk Dr. Augustine S.H. Ong (MINDS)
- (2). Professor Dato' Dr. Hj. Mohd. Mansor Hj. Salleh (UNIKL)
- (3). Dato' Dr. Ong Eng Long (MREPC)
- (4). Professor Dr. Che Husna Azhari (UKM)
- (5). Professor Dr. Mohamad Kamal Harun (UiTM)
- (6). Dr. Teh Ser Kok (Consultant Metallurgist)
- (7). Mr. Eng Kim Leng (Cambridge English for Life Sdn. Bhd.)
- (8). Dr. Ir. Chong Chien Fatt ( Management Consultant )

## PRIMOS (M) Sdn Bhd

PRIMOS is a joint-venture between MTE and iMOS Pte Ltd (Singapore) – a company associated with the Singapore Welding Society (SWS). PRIMOS will offer the services to operate and manage the MOS System.





# COURSES OFFERED BY IMM

## Coatings

Coatings Inspector  
QA/QC Technician  
Coating Defect Course  
Thermal Spray Coatings  
Blasting & Painting Supervisor  
Corrosion Control by Protective Paint  
Protective Coatings Technician (Blaster & Painter)  
Diploma of Applied Science (Coatings Technology)

## Welding

Malaysia Welding Inspection Scheme  
Calculation of Strength of Welded Members  
Cost and Estimation of Welding Projects  
Interpretation of Weld Quality by Radiographic Method  
Interpretation of Weld Quality by Welding Codes

## Corrosion

Corrosion Technician  
Passive Fire Protection  
Corrosion Control by Cathodic Protection  
Corrosion/Cathodic Protection Technologist  
The Protection of Iron and Steel against Exterior

## API Courses

API-570 Piping Inspector  
API-510 Pressure Vessel Inspector  
API-653 Above Ground Storage Tank Inspector

## Marine

Marine Paint Inspection  
Painting of Ships in New Construction  
Maintenance of Coatings Systems in Ships  
and Offshore Structure

## Others

Failure Analysis  
The Painting of Building



### contact us

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