

One-Day Conference on Ageing Facilities Management 2018



Reported by: Syarifah Nazliah Syed Abdul Rahman, BSSTECH CP (M) Sdn Bhd, IMM Corrosion Committee, Secretary
 Edited by: Leow Chun Ho, Sarawak Shell Bhd, IMM Corrosion Committee, Treasurer & Ir. Ong Hock Guan, Sarawak Shell Bhd, IMM Corrosion Committee, Chairperson

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Venue: Corus Hotel, Kuala Lumpur

Ageing Facilities Management conference was successfully organized by Institute of Materials, Malaysia (IMM), Corrosion Committee at Corus Hotel, Kuala Lumpur on 18th October 2018. The event was attended by a total of 104 participants, 10 esteemed speakers, 14 exhibitors and a keynote speaker.



Figure 1: Keynote Presentation by Ir. Ong Hock Guan

Across the world, heavy engineering facilities contribute a major proportion of the GDP of all advanced and developing nations. However, majority of these assets are ageing, and many have already exceeded their design life. Replacing these facilities with entirely new assets is not economically feasible so it is imperative that comprehensive asset integrity, corrosion management and life extension programmes are initiated.

As the facilities age the profitability and returns from the assets are threatened by integrity, safety and reliability issues. The global costs associated with keeping mature facilities in service is expected to be USD 31.66 Billion by 2023. However, if their production capability can be maintained, extending the life of these assets provides benefits that far outweigh the costs. Realising these benefits is challenging and any life extension programmes needs to be cost effective while preserving the integrity and capability of the assets.

Many of these issues of aging assets are attributable to corrosion degradation and may lead to; disruption of smooth operations, failures, LOPC/leaks, accidents and unplanned shut-downs. This one-day conference is organised to focus on corrosion management of ageing assets. However, the subject is complex and conference also explored the latest industry strategies, best practices, research program, lessons learned and innovative thinking surrounding the wide range of issues that affect the integrity, ageing, and life extension of mature assets.



Figure 2: Networking session during break time



Figure 3: Participants during the presentation session



Figure 4: Expert Panel Session

The one-day conference provided an effective platform at bringing together experiences, knowledge and ideas to share and manage ageing assets in a holistic way going forward. Presenters from various industries and academia who are involved in plant/facilities operations and maintenance, inspection and monitoring, protective coatings, corrosion management and insulation gathered to present their knowledge and sharing their experiences. Furthermore, the expert panel session which was the last session of the day has drawn much attention and constructive conversations among the participants. As always, "An ounce of prevention is worth a pound of cure" because the time spent today to manage our ageing facilities will improve SAFETY, RELIABILITY and reduce COSTS in effective asset integrity management.

Finally, IMM Corrosion committee would like to express appreciation to our local and overseas presenters, delegates and exhibitors who participated in the conference: -

- IEV Malaysia Sdn Bhd & IEV Technologies Pte Ltd (Singapore) (Sponsor)
- Integrity Synergy Solutions Sdn Bhd (Sponsor)
- Suez Water Sdn Bhd (Sponsor)
- Temperlite Insulation (M) Sdn Bhd (Sponsor)
- Greenfield Products Sdn Bhd
- Flakeshield Sdn Bhd
- Universal Corrosion Engineering Sdn Bhd.
- Rohrbach Cosasco Systems, Inc.
- GPT Resources Sdn Bhd
- Norimax Sdn Bhd
- Rosen Group
- Oxifree Global LLC
- MCU coatings (Geopolitan Sdn Bhd)
- Whitebread Engineering Sdn Bhd