



Society of

Loss Prevention

Update

In the Process Industries

FEB 2010

2010 SLP Corporate Members Appreciation Night

SLP is 20 years old. To mark this significant event, our Executive Committee decided to hold our first Corporate Members Appreciation Night on March 11 at the Marina Barrage. Why a Corporate Members Appreciation Night? Corporate Members are a vital part of the SLP family. They support us in several ways – to promote the science and practice of safety and health and environmental protection, to share their know how with our members, to encourage the participation of their employees in our activities and last but not least, financially.

The event will be in two parts. Firstly a tour of Marina Barrage and secondly to join us in a celebratory dinner at the 7th Storey Restaurant which is located at the Barrage.

The Marina Barrage is the star attraction at Marina Bay. This unique project has three benefits for Singapore – a new and secure source of water supply, flood control and a lifestyle attraction that will offer a host of recreational possibilities. The Barrage is a dam built across the Marina Channel to form Singapore's reservoir in the city. This reservoir has the largest and most urbanized catchment at 10,000 hectares or one-sixth of the size of Singapore.

Inside the exhibition gallery of Marina Barrage, are showcased Singapore's efforts and achievements towards the objective of an environmentally sustainable development of our country. A model of how the barrage works is a major attraction of the gallery.

At this event, SLP will take the opportunity to show our society's progress over the last 20 years since 1990. Our President will have the pleasant task of doing this. As expected, much networking between our corporate members and other guests and our Exco. members will take place. An enjoyable night is guaranteed – what with the fabulous night scene of Singapore's skyline and the large peaceful reservoir in the background.

We are looking forward to this event!

By Teng Chong Seng, Chairman of the Organizing Committee



Sea

Fresh Water Reservoir

Marina Bridge

Editorial

A few words from the Editor

Readers will note that this is the second Update that we have published.

We hope 2010 has begun very well for you. The year has certainly been flying by – Chinese New Year has come and gone. In this year of the Tiger, we certainly hope your wishes come true.

SLP has been busy. In January we held a re-run of the HAZOP's Leaders course. This was organized in response to feed-back from our members. Another course that is going to be held again is the one on LOPA. This again is in response to feedback from our members. The LOPA course is scheduled to be held in May. Look out for our announcement! If there is any other course that you or your company feel is required, please let us know.

A new ISO Standard that should interest all of us in the WSH profession is ISO 31000 -- Risk Management. Read See Hee's article on this.

On March 11, we are holding our 1st Corporate Members Appreciation Night. As the name suggests, it is to show our appreciation to Corporate Members who not only support SLP to promote the science and practice of safety and health in the workplace and environmental protection, they also support their employees (our members) to be active in SLP. This event is being held at the Marina Barrage. It will be preceded by a tour of this latest attraction that serves 3 purposes, namely, increasing our country's water supply security, flood control and as a place for water sports. We look forward to meeting our guests there.

Soon, you will be receiving our invoice for renewing your membership. Please cooperate by paying promptly. Thank you!

Features of MARINA BARRAGE



The Solar Park



8 sheltered Pavilions



Boat Hoist



Vessel Impact Barrier

The Green Roof



Gallery 1 -- Organic Tree -- Environmental challenges and our world



Gallery 2 -- History of Singapore River

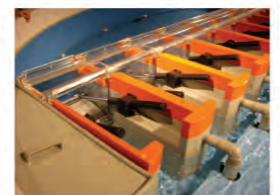
Pictures from the exhibition galleries at Marina Barrage



Gallery 3 -- Active Beautiful and Clean Singapore



Gallery 4 -- Model showing how the crest gates work to control flooding



HAZOPS Leaders course

We organized a second-run of our successful course for HAZOPS Leaders at the Singapore Polytechnic Graduates Guild on 27 & 28 January 2010. The re-run was initiated by strong demand from Industry and overwhelming response from the first run held in November 2008.

This course attracted 29 participants of which 24 were from the pharmaceutical industry. The others were from the oil and petrochemical industries, government ministries and institutes of higher learning.

We were once again honoured to have John R. Lockwood, (C.Eng., F.IChemE), an Honorary Fellow of SLP and VP – Risk & Process Safety (Oil & Gas), GL Industrial Services Singapore Pte. Ltd. as course instructor. He has 40 years of experience in the petrochemical industry in operations and HSE Management. He has managed over 25 QRAs in the ASEAN region and has been chairing HAZOPS teams for over 25 years worldwide including USA, Europe and Asia. He has conducted LOPA and SIS training courses for BP and SLP.

The course was opened by SLP Executive Committee Member, Lam Kit Wing.

Mr. Lockwood made the 2-day course very interesting by discussing cases from real experience gained from his long professional life. In addition, the course was not just plain lectures with participants passively listening. Instead, participants actively took part in groups of 5 in case studies and discussions and by sharing their own HAZOP experiences.

Attendees took advantage of the many opportunities during tea time and lunch to interact and network.

Overall, the 2-day HAZOPS Leaders course received a very good rating from the participants. Each attendee received 14 SDU's from MOM for the course.

By Penny Pan, SLP Secretariat



Exco member Lam Kit Wing welcoming participants



Instructor John Lockwood in his element -- keeping his class engaged



Groups hard at work



After the hard work, the reward -- a participant receiving his certificate



Eager students are all ears

ISO 31000:2009 Risk Management -

Principles and Guidelines

The ISO Technical Management Board (TMB) set up the ISO Working Group on Risk Management (WGRM) in June 2005 for the purpose of developing an international Risk Management (RM) standard that would harmonize RM standards worldwide. The Singapore WGRM was formed as a mirror WGRM of the 27 participating countries, namely, Australia, Austria, Brazil, Canada, China, France, Germany, Ireland, Italy, Japan, Netherlands, New Zealand, Singapore, UK, Sweden, India, Spain, Argentina, Columbia, Denmark, Indonesia, Israel, Malaysia, Mexico, Norway and Spain. SLP was invited by SPRING Singapore to participate in Singapore's WGRM to represent the views from industry. The Singapore WGRM is part of SPRING Singapore's Management System Standards Committee.

The ISO 31000:2009 Risk Management – Principles and Guidelines was published on 15 November 2009 with the following objectives:

- It provides principles and guidelines on Risk Management
- It is not intended for certification use
- It replaces existing national RM standards such as AS/NZS 4369, JIS Q2001:2001, BS31100, CAN/CSA-Q850:1997, Austrian ONR 49000, and International Risk Governance Council (IRGC)

The standard provides universal benchmark guidelines for RM which is applicable to all types and sizes of organizations in all industry sectors.

The key highlights of the ISO31000:2009 are:

- Relationship between the principles, framework and process in RM
- Framework for managing risks
- Risk management process

In the meantime, ISO Guide 73:2009 Risk Management – Vocabulary was also published. It replaced the ISO/IEC Guide 73:2002 Risk Management – Vocabulary “Guidelines for Use in Standards”. This Guide provides definitions on terms relating to RM such as Risk, Risk Management Process, Risk Assessment, Risk Identification and Risk Treatment. For example:

- Risk – “Effect of uncertainty on objectives” (with qualifying statements on “effect”, objectives”, and how “risk” is expressed in terms of a combination of the consequences and likelihood of the occurrence of an event
- Risk Management – “ Coordinated activities to direct and control an organization with regard to risk”
- Risk Management Framework – “A set of components that provides the foundation and organizational arrangements for designing, implementing, monitoring, reviewing and continually improving risk management processes throughout the organization.

The ISO 31000:2009 and ISO Guide 73:2009 were launched at SPRING Singapore's seminar on 8 February 2010.

(This article was written by Ong See Hee, President of SLP. See Hee was our representative on the Singapore WGRM. Participation in SPRING Singapore committees is one of the objectives of SLP as a responsible professional society. We are also represented on committees set up by MOM and SCDF.)

WE WANT TO HEAR FROM YOU

The SLP Update is circulated among members and other like-minded organizations.
We are always seeking to improve the quality of this publication.

We welcome contributions of interesting news that cover loss prevention in the oil, chemical and process industries.

Please send your contribution or any queries to:

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