



Society of Petroleum Engineers

25–28 January 2010 | Park Rotana Hotel | Abu Dhabi, United Arab Emirates

SPE Applied Technology Workshop

Sustaining Business Excellence and Process Safety through Effective Facilities Integrity Management



Who Should Attend:

The workshop is mainly addressed to oil and gas professionals, involved in various disciplines such as facilities integrity management system, corrosion prevention, material selection or risk assessment related to drilling, engineering, construction, production, maintenance, inspection or decommissioning activities.

Committee Members

Cochairperson:
Hussain Binthabet
ADMA-OPCO

Cochairperson:
Kamal Kabbaj
ZADCO

Abdul Hameed Bawazeer
Gasco

Ali Nojaim
Saudi Aramco

Ardian Nengkoda
PDO

Carlos H. Tobasia
BP

Jeffrey Lim
DNV Energy, Middle East

Mabrouk Issa
TAKREER

Manea Al-Jabri
ZADCO

Mohammed AbdulWahid
Saudi Aramco

Nasser Jham Al-Kuwari
Qatar Petroleum

Pierre Mauran
Total

Saleh Al-Mutairi
Saudi Aramco

Sherif Maksoud
Champion Technologies

Yousef Al-Rashoud
Kuwait Oil Company

Workshop Abstract:

To deliver sustainable business performance to the oil and gas industry, plant and equipment are to be systematically maintained in a good and safe working condition. Challenges involved in achieving this objective are continuously evolving as dictated by facilities ageing, fields maturing and economic constraints. These challenges, compounded by increasingly stringent HSE regulations and a more competitive business environment, dictate the maximisation of the economic value of the assets by operating “beyond the established limits” in terms of equipment useful life, operating conditions severity, fluids corrosivity, etc...

This workshop intends to offer an opportunity for facilities integrity management professionals to share their experience and best practices in managing the above challenges. The workshop proceedings have been developed to cover facilities from well to downstream refineries/petrochemical facilities over their whole life cycle from concept through engineering, construction, operating and decommissioning.

The workshop will also address business skills and organisational culture that are required for continuous improvement of integrity management systems including strategy for key integrity performance indicators.

About The Venue:

Conveniently located on the outskirts of Abu Dhabi, close to the business and banking district and the main shopping malls, The Park Rotana is only 10 minutes away from the Abu Dhabi International Exhibitions Centre, 20 km away from the Abu Dhabi International Airport and 160 km from the Dubai International Airport.

Workshop Guidelines

Format

Workshops maximise the exchange of ideas among attendees and presenters through brief technical presentations followed by extended Q&A periods. Focused topics attract an informed audience eager to discuss issues critical to advancing both technology and best practices. The majority of the presentations are in the form of case studies, highlighting engineering achievements and lessons learned. In order to stimulate frank discussion, no proceedings are published and the press is not invited to attend.

Documentation

Proceedings from the workshop will not be published; therefore, formal papers and handouts are not requested of speakers or panel members. A URL containing released copies of the workshop presentations will be available to attendees within 4–6 weeks following the workshop.

Poster Session

The Steering Committee encourages registrations from professionals who are able to prepare and present a poster on a relevant project. For further details kindly contact Megha Chopra, event manager at mchopra@spe.org.

Scribe Report

The Steering Committee will appoint a “scribe” to record the discussions and to produce the full workshop report for SPE. This report will be circulated to all attendees as the workshop deliverable within 4–6 weeks following the workshop. The copyright of the report is with SPE.

Attendance Certificate

All attendees will receive an attendance certificate attesting to their participation in the workshop. This certificate will be provided in exchange for a completed workshop questionnaire.

Continuing Education Units

This workshop qualifies for SPE Continuing Education Units (CEU) at the rate of 0.1 CEU per hour of the workshop.

Commercialism

In remaining consistent with workshop objectives and SPE guidelines, excessive commercialism in presentations will not be permitted. Company logos should be limited to indicate the affiliation of the presenter(s).

Cost and Residency Information

This is a non-residential workshop. The registration fees include welcome reception on 25 January 2010, all workshop sessions, coffee breaks and luncheons. The registration fees are as follows:

Before 25 November 2009:

SPE Member	USD 1,450
SPE Non-Member	USD 1,550

After 25 November 2009:

SPE Member	USD 1,850
SPE Non-Member	USD 1,950

Cancellation and Refund Policy

- A processing fee of USD 100 will be charged for cancellations received before the registration deadline 25 December 2009.
- For cancellations received after the registration deadline, 25 December 2009, 25% refund will be made to the registrant.
- No refund on cancellations received within seven (7) days prior to the workshop date, i.e. on or after 18 January 2010.
- No refund will be issued if a registrant fails to attend the workshop.

Registration Policy

- Registration fee MUST be paid in advance for attending the Applied Technology Workshop.
- Full fixed fee is charged regardless of the length of time that the registrant attends the workshop.
- Fixed fee cannot be prorated or reduced for anyone (workshop cochairpersons, committee members, speakers, discussion leaders, students and registrants).
- Attendees are expected to attend all workshop sessions and are not permitted to attend on a partial basis.

PLEASE USE INSIDE FORM FOR REGISTRATION

ATTENTION NON-MEMBERS:

Sign Up on-site for One Year Membership and Get One Additional Year!
For More Information Call SPE Middle East, North Africa and India on
+971.4.390.3540 or Email: mchopra@spe.org

Sponsorship Support

Sponsorship support helps offset the cost of producing workshops and allows SPE to keep the attendance price within reach of operations-level individuals, those who benefit most from these technical workshops.

Sponsors benefit both directly and indirectly by having their names associated with a specific workshop.

While SPE prohibits any type of commercialism within the conference hall itself, the society recognises that sponsoring companies offer valuable information to attendees outside the technical sessions.

Sponsorship Categories

Sponsorships are offered on a first come basis. Please contact SPE to verify the availability of a particular sponsorship. Existing sponsors have the opportunity to renew the same level of sponsorship for annual workshops.

Sponsorship packages available for this workshop are:

- Coffee Breaks
- Luncheons
- Welcome Reception
- Dinner

Sponsorship Benefits

In addition to onsite recognition, SPE will recognise sponsors on the SPE website and in all printed material for the workshop. Based on the sponsorship selected, sponsoring companies also receive logo visibility on promotional workshop items.

For More Information

For a detailed list of available sponsorships, including benefits and pricing, contact Megha Chopra, event manager at mchopra@spe.org.

Tentative Technical Agenda

Monday, 25 January 2010

1700–1730 hours Steering Committee Meeting (Only Committee Members)
1730–1830 hours Briefing with Speakers/Session Managers (Only Speakers / Committee Members)
1830 hours Welcome Reception

Tuesday, 26 January 2010

0900–1200 hours

Session 1: Critical Success Factors for the Development and Implementation of Whole Life Cycle IM Systems (Managerial Aspects)

1330–1730 hours

Session 2: Critical Success Factors for the Development and Implementation of Whole Life Cycle IM Systems (Procedural Aspects)

With the continued aging of facilities, increasingly complex operations and challenging business objectives, full life cycle integrity engineering has emerged over recent years as a separate discipline requiring dedicated practitioners with a specific set of technical and managerial skills.

The objective of the first two sessions is to provide opportunities to understand better, how integrity management (IM) should be developed by operators in order to drive the organisational culture towards full alignment and establish strong connections between IM objectives, business sustainability and corporate vision, mission and values.

The two sessions will provide a platform for integrity professionals to present case studies reflecting their experience for developing, implementing and sustaining IM systems with emphasis on critical success factors for management aspects (session 1) and for procedural issues (session 2).

The outcome of these two sessions is expected to create a step change in the mind-set of cross-organisational functions on the importance of full life cycle facility integrity hidden risks, their early mitigations and how strongly they are connected to production and HSE.

Wednesday, 27 January 2010

0900–1230 hours

Session 3: Equipment Specific IM Systems (Subsurface)

1330–1730 hours

Session 4: Equipment Specific IM Systems (Surface)

The objective of these two sessions is to focus on managing the integrity of ageing and newly built surface and subsurface oilfield equipment and facilities. The proper integrity management of these assets ensures the sustainability of profitable and safe operations. An Integrity Management System (IMS) provides the assurance that a specific asset is managed by competent people during its whole life cycle without detrimental impact on people, environment or business activities. These two sessions are focused on examples of IMS related to oil and gas onshore and offshore both surface and subsurface facilities. The purpose is to share experiences, with professionals describing, for specific asset, a way to identify critical equipment, to assess and manage the risk associated to their operating envelope, to monitor their condition, to detect and correct deviation, to ensure the competence of the personnel involved and finally to audit and optimise the performance of the IMS.

Thursday, 28 January 2010

0900–1230 hours

Session 5: Facilities Full Lifecycle Advances in Corrosion Control

This session will discuss the best practices on corrosion control in the oil and gas industry. Corrosion control begins during initial design or post-production sustainment of any industrial system. Failure to control corrosion will lead to:

- Facilities impairment
- Safety non-compliance
- Increased costs
- Environmental impact
- Company image detraction

Corrosion negatively impacts cost in a number of ways. It can reduce the performance quality of any facility, infrastructure or equipment, which in turn may generate the need for additional operational assets, budget and resources. With the potential for corrosion, considerable downtime is required to detect and assess the presence of corrosion and its impending effects. While the impact of corrosion on physical infrastructure is of great concern, the cost of corrosion on operational safety can be immeasurable in terms of injury or death, reduced infrastructure readiness and safety affects mission and cost considerably. Despite this difficulty, determining the financial cost of corrosion is an essential component of corrosion prevention and mitigation strategy. The "Full Lifecycle Approach" can be the best integrated answer for this corrosion control.

1330–1730 hours

Session 6: Assurance of Process Safety through Integrity Management Systems

The optimum goal for any asset owner is to eliminate/minimise the down time and increase the reliability of the safety systems in the process. The assurance of the process safety/integrity management sessions is going to elaborate in discussing the management of the process safety and implementation methods. Discussing the risk on management to reduce the likelihood and consequences of releases, which helps protect employees and the public and prevent damage to equipment and the environment. Reducing these risks also improves productivity and quality of any asset. In this workshop three subjects will be presented showing participants the latest practices in implementing the process safety for the oil and gas sectors.

- Equipments protection system
- Competency of process operators
- Data management and mitigation plan

Register by 25 December 2009

REGISTRATION FORM

Sustaining Business Excellence and Process Safety through Effective Facilities Integrity Management

25–28 January 2010, Park Rotana Hotel, Abu Dhabi, United Arab Emirates
Park Rotana Hotel, P.O. Box 43500, Abu Dhabi, UAE. Telephone +971.2.6444.412. Fax +971.2.6444.413. Email: head.office@rotana.com

**Important: Attendance is limited and is not guaranteed.
Early registration is recommended. Please print or type in black ink.**

First Name/Forename _____ Middle Name _____

Last/Family Name _____ SPE Member? Yes No

SPE Membership No. _____ Job Title _____

Company/Organisation _____

Street or P.O. Box Number _____ City _____

State/Province _____ Zip/Postal Code _____ Country _____

Telephone _____ Facsimile _____

Email (required) _____

Applied Technology Workshop Fee: *Before 25 November 2009* USD 1450 for SPE Members USD 1550 for Non-Members
After 25 November 2009 USD 1850 for SPE Members USD 1950 for Non-Members

Applied Technology Workshop Fee includes: Workshop registration, technical session costs, materials, luncheons, coffee breaks, and welcome reception.

Accommodations are NOT included in the workshop registration fee. However, an SPE rate has been negotiated with the Park Rotana Hotel. For more information on the hotel please visit www.rotana.com

Credit Card (Check One): American Express MasterCard Visa

NO REFUNDS will be granted on cancellations after 18 January 2010.

Card Number (will be billed through Society of Petroleum Engineers)

Expiration Date (mm/yy)

Name of Credit Card Holder (printed) _____

Signature: (required) _____ Date _____

Please inform us of mobility or special dietary needs _____

Payment by Bank Transfer: IMPORTANT - For reference: Please quote "10aabd" and name of delegate

Make Payment to: HSBC Bank Middle East, Jebel Ali Branch, P.O. Box 66, Dubai, UAE

Account Name: SPE Middle East FZ-LLC Account Number: 035-129709-100 Swift Code: BBMEAEAD

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Registration form will not be processed without payment unless authorised by the event manager.

For questions or additional information contact: Megha Chopra at mchopra@spe.org.