

4<sup>th</sup> and 5<sup>th</sup> November 2007, Doha, Qatar

# 3<sup>rd</sup> Annual HSE Forum in the ME Oil & Gas

HSE Excellence – “Make it our way of life”

## YOUR PRESTIGIOUS SPEAKER PANEL

**Nasser Mohd. Mubarak**, Qatar Petroleum  
Corporate HSE Support Manager

**Dr. Sultan Al-Otaibi**, Saudi Aramco  
Occupational Medicine Specialist

**Ahmed Khalil**, Bahrain Petroleum Company  
(BAPCO), Manager, Fire, Health & Safety Dept.

**Dr. Mohammad A. Al-Ramadhan**, Kuwait  
Petroleum Corporation (KPC)  
Deputy Managing Director, HSE & Corporate Risk  
Management

**Ali Asseri**, Saudi Aramco Shell Refinery Company  
(SASREF), Safety Superintendent

**Mohd. Radzuan Yusof**, Petronas Carigalli Sdn Bhd  
(PCSB), General Manager, HSE

**G. Udaya Bhaskar**, Essar Oil  
General Manager, Environment

**Peter Watton**, Technip  
Senior Vice President, HSE

**Shahzad Manzoor**, Pakistan State Oil Company  
Ltd., General Manager HSE & SS

**Bob Woodward**, Health & Safety Executive  
Senior Investigation Manager

**Mohammad Salman Ghani**, Supreme Council  
of Environment & Natural Reserve (SCENR)  
Environmental Specialist

**Michael Wm. Parker**, GE  
Global EHS Leader, Oil & Gas

**Mark D. Pratt**, QatarGas (II), Venture SHE Manager

**Dr. Ahmad Salem**, DuPont Safety Resources  
Director

**Robert Hirst**, Yemen LNG  
Corporate HSSE Manager

**Beven Schwaiger**, Integrum Management Systems  
Risk & Compliance Specialist

## FIND REASONS TO ATTEND

*Be proactive — not reactive — towards HSE Compliance as a danger foreseen is half avoided!*

In the globalizing market arena, though Oil & Gas is a highly competitive and lucrative sector of the industry it is also defined to be the most susceptible business sector, hence HSE Compliance demonstrates to be a crucial and concrete block that cements the successful business operations of Oil & Gas Companies.

Following the overwhelming success of the conference over the last two years, this year the event will reinforce the status it acquired and it will not only provide a unique and exclusive platform for qualitative and interactive exchange of information on the current HSE scenario in the Oil & Gas Sector but it will also showcase the success stories and lessons learned through enlightening case studies, informative presentations and moderated panel discussions.

*The forum will also clearly illustrate a swift transition from the understanding that HSE implementation is not only the want but the need in today's competitive business world.*

- ▶ **Evaluate** the latest HSE Management trends and challenges in the oil & gas industry
- ▶ **Transform** Behavioral Based Safety standards from page to practice
- ▶ **Embrace** the culture of involvement & leadership in HSE Framework
- ▶ **Amalgamate** your HSE policies inherent in your client-contractor relationship
- ▶ **Discover** the winning strategies of the influential industrial experts
- ▶ **Gain** practical insights into the latest developments in HSE standards
- ▶ **Benchmark** your HSE performance with your industry peers
- ▶ **Network** with the high-class professionals and experts from leading organizations

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**Fleming Gulf Conferences**  
THE WORLD OF STRATEGIC NETWORKING

**DAY 1, 4<sup>th</sup> November '07**

**8:30 Registration & Coffee**

**8:50 Opening Remarks from the Chair**

**9:10 Overview on challenges faced in sustaining the HSE values**

- Implementation of a world class integrated HSE Management System
- Managing Land Transportation Safety
- Developing and implementing world class contractor management guidelines to ensure proper governance
- Scarcity of certain HSE professionals and nationalization.

**Nasser Mohd. Mubarak, Qatar Petroleum**  
Corporate HSE Support Manager

**9:50 Creating & Sustaining Proactive Safety Culture: "Incident & Injury Free workplace"**

- Components of Safety Culture : Culture of involvement & understanding
- Safety Perception Survey : An effective evaluation tool
- Persistent learning from the critical recent accidents & deriving safety conclusions.
- Bapco's current safety initiatives to attain premier objective of "incident & injury free" workplace
- Bapco's H&S programmes : Cementing the HSE infrastructure

**Ahmed Khalil, Bahrain Petroleum Company (BAPCO),**  
Manager, Fire Health & Safety Department

**10:30 Morning Coffee & Networking Break**

**11:00 Behavioural-Based Safety (BBS) Program : Implementation Pitfalls**

With respect to Programme:

- Indistinct Objectives "the wrong key to open right lock"
- Apt strategy "just method and tactic"
- Safety infrastructure "the essence system"
- Champion and Ownership
- Success and failure measurement
- Sustainability
- Alarms
  - o Do values matters?
  - o Who is targeted?
  - o Are resources important?

**Ali Asseri, Saudi Aramco & Shell Refinery Company (SASREF),** Safety Superintendent

**11:40 CASE STUDY Fire & Explosion at Buncefield Oil Depot (UK) : What happened & Strategic Lessons learnt**

- Inspecting the cause of the fire and explosion at the Buncefield Oil Depot.
- Ascertaining the extent of the damage caused and its implications
- Elucidate the need for systematic approach to major hazard control
- Illustrating the strategic lessons learnt – a step ahead towards elevating safety standards

**Bob Woodward, Health & Safety Executive**  
Senior Investigation Manager

**12:20 Interactive Panel Discussions**

**Suggested topics:**

- Accident investigation as a program vs system?
- How to recruit the right person through understanding the culture : Recruitment Assessment
- Culture of leadership & involvement

Panelists include speakers featuring from the morning session

**13:00 Break for Lunch**

**14:30 Occupational Medicine: Policies & Procedures**

- What is Occupational Medicine?

- The difference between Occupational Medicine and Occupational Health
- Workplace Health hazards
- Impact of occupational hazards
- Principles of Occupational Medicine
- Saudi Aramco Experience

**Dr. Sultan Al-Otaibi, Saudi Aramco**  
FRCPC, Occupational Medicine Specialist

**15:10 CASE STUDY Evolution of the Corporate KPC HSE Management Systems – Challenges**

In this case study, the speaker will share how following four tragic accidents (2000–2002), KPC prioritized on enhancing their existing HSE system to overcome the future human and capital loss by carefully designing a corporate HSE Management system in alliance with DuPont. The presentation will discuss the evolution and challenges faced in this endeavor and will cover the following:

- Background of KPC HSE Management System (HSE MS) : Standards & Guidelines
- The project & its implementation structure
- Challenges faced and how they were dealt?
- Current status of the report
- Conclusion: Where the journey has taken them?

**Dr. Mohammad A. Al-Ramadhan**  
**Kuwait Petroleum Corporation (KPC)**  
Deputy Managing Director (HSE & Corporate Risk Management)

**15:50 Afternoon Coffee & Networking Break**

**16:30 HSE scenario in Qatar Gas II Labor Camp: Lessons learnt**

- Challenges faced in operating the 20,000 man worker camp built in 2005
- Moral concern of properly caring for our workers
- Business priority of improving worker satisfaction, wellbeing and productivity
- Presentation of improvements in camp operation and maintenance (Safety, Medical Screening, Waste Water Management etc.)
- Management and oversight
  - o Camp committees
  - o Worker consultation
  - o Audits and assessments
- Lessons Learned and Recommendations for Future Camps

**Mark D. Pratt, QatarGas (II) Venture SHE Manager**

**17:10 Operational Discipline : Operating right every time**

- What is Operational Discipline (OD)?
- How is it efficient in achieving business excellence?
- Strategic placement in the Process Safety Management Structure
- Gauging and monitoring the sustainability of Operational Discipline

**Dr. Ahmad Salem, DuPont Safety Resources**  
Director

**17:50 Interactive Panel Discussion**

**Suggested topics:**

- Management of sickness absence & return to work : Absenteeism Management
- Importance of Health promotion at workplace
- Utilising E-medicine in remote locations.
- Road Safety Management : Fleet Maintenance
- Role of Industrial Hygiene in increasing labor productivity

Panelists include speakers featuring from the afternoon session

**18:20 Closing Remarks from the Chairman**

**18:30 Cocktail Reception**

**DAY 2, 5<sup>th</sup> November '07**

**8:30 Registration & Coffee**

**8:50 Opening Remarks from the Chair**

**9:10 Role and Responsibility of SCENR in the State of Qatar**

- Establishment of SCENR
- Various industrial cities and corresponding industries
- EIA process
- Consent to Operate permit
- EMP reports – Self assessment
- Industrial Inspection and Monitoring program
- By-Law no 4 of 2005

**Mohamed Salman Ghani, Supreme Council for Environment & Natural Reserves**  
Environmental Specialist

**9:50 ▶ CASE STUDY ◀ Environmental Management for Oil Refinery within a sensitive ecosystem**

This case study will outline the speaker's experience in implementing the environmental management practices for a 9 MMTPA Refinery located in close proximity of a sensitive ecosystem and strategies adopted mentioned underneath :

- Intensive Environmental Impact Assessment Study
- Development of Environmental Management Plan : Minimise the impact of the refinery
- Establishment of Eco Friendly monitoring programs (Coral Translocation, mangrove plantation etc)
- Regular instructive employee training on induction and refresher courses

**G. Udaya Bhaskar, Essar Oil**  
General Manager, Environment

**10:30 Morning Coffee & Networking Break**

**11:00 GE Ecomagination: Taking on Big Challenges**

- GE Corporate Social Responsibility Overview
- Ecomagination Initiative & Rationale
- Four Bold Concrete Commitments
- Carbon Foot-print Reduction Efforts
- Global Advocacy & Partnerships

**Michael Parker, GE**  
Global EHS Leader (Oil & Gas)

**11:40 ▶ CASE STUDY ◀ Coral Transplantation and Monitoring – A Case Study in Sustainable Biodiversity**

- The Issue: LNG plant construction on a remote headland in Yemen where potential impacts to marine life call for a sustainable environmental strategy.
- The Strategy: Implementing environmental strategy in line with World Bank & NGO expectations.
- Impact Mitigation; A case study of an innovative approach which brings together the Energy Industry and the Scientific Community.
- Monitoring; Ensuring that the results of the strategy are in line with Company and Stakeholder expectations.
- Managing Stakeholder Challenges and monitoring strategies

**Robert Hirst, Yemen LNG Company**  
Corporate Health, Safety, Social & Environment Manager

**12:30 Interactive Panel Discussion**

- Suggested Topic
- Discussing the best practices in waste management

- How to overcome challenges faced in maintaining ecological balance without compromising on industrial productivity
- Panelists include speakers featuring from the morning session*

**13:00 Break for Lunch**

**14:30 Implementing Electronic Integrated HSEQ Management System : Experiences from Oil & Gas Industry**

- What is meant by "integrated HSEQ management system"?
- Features & Benefits of electronic based integrated management system
- Challenges in Implementation – Case Study Examples
- Demystifying the IT Myths
  - Buy vs Build
  - Resolving IT Department issues

**Beven Schwaiger, Integrum Management Systems**  
Risk & Compliance Specialist

**15:20 Client - Contractor Compliance: Formulating combined HSE Strategies**

- Shared HSE Strategy for success
- The link between strategic intent and planning
- Interfacing or integrating why this is important
- Communication as a key ingredient
- How we deliver as an organisation

**Peter Watton, Technip Group**  
Senior Vice President, HSE

**16:00 Afternoon Coffee & Networking Break**

**16:30 Maintaining HSE Standards in International Operations: Petronas Carigalli's Experience**

- Highlights of Petronas Carigalli in the international arena
- HSE challenges faced and potential threats while operating on international ventures
- Risk Mitigation : Striving for excellence in HSE Performance
- Application of competent HSE strategies & initiatives
- Surpassing the challenges and developing resistance for business continuity

**Mohamed Radzuan Yusof, Petronas Carigalli Sdn Bhd,**  
General Manager, HSE

**17:10 Integration of HSE & Corporate Social Responsibility- PSO's Experience**

- CSR Challenges : how to combat it?
- Vital role of HSE in achieving the growing commitment of CSR : Reducing operational impact on society at large
- Complying by stake holder engagement principles
- Social Investments : Enduring Asset building

**Shahzad Manzoor, Pakistan State Oil Company Ltd.**  
General Manager HSE&SS

**17: 50 Interactive Panel Discussion**

- Suggested Topic
- Exploring the cost effective HSE strategies between both the parties (client & contractor)
- Coping with the ever changing societal and stakeholder's expectations.
- Aspects of Emergency preparedness & response: Crisis & Emergency Management.

*Panelists include speakers featuring from the morning session*

## Meet Our Comprehensive Speaker Panel



**Nasser Mohd. Mubarak**  
**Qatar Petroleum**  
 Corporate HSE Support Manager

Nasser Mohd. Mubarak is the Corporate HSE Support Manager for Qatar Petroleum. He has worked in the oil & gas industry for 17 years gaining experience within maintenance operations, projects & occupational Health and technical Safety. His current responsibilities include the support and provision of expertise the field of fire & emergency response, Occupational Health, safety & integrity to QP departments and affiliates. Nasser was seconded to British Petroleum to work with Safety, Fire and Risk Management Team and sat on Control of Major Accident Hazard (COMAH) liaison committee and later was attached to Block 18 development project. He is an MSc. Degree holder in Safety Engineering from Aberdeen University. Nasser is the corporate representative to the Management Committee of the International Association of Oil and Gas Producers (OGP) and is also a member of the IEEE.



**Dr. Sultan Al-Otaibi, Saudi Aramco**  
 Occupational Medicine Specialist

Dr. Sultan Otaibi has been working for Saudi Aramco's Occupational Medicine Section as an Occupational Medicine Specialist for past 8 years. Dr. Otaibi graduated from King Saud University College of Medicine, Riyadh, (SA) and then obtained degree of King Faisal University Fellowship in Family and Community Medicine. He has completed his doctorate in Occupational Health from The University of Birmingham, U.K. and is a proud holder of diplomas in the field of Industrial Health & Occupational Medicine. Dr. Otaibi has published papers on various subjects in Occupational Medicine & Health Hazards and was also recently awarded the 3rd prize for the best three poster's presentations among 68 international posters at the 2nd International Scientific Conference on Occupational and Environmental Health, Vietnam.



**Dr. Mohammad A. Al-Ramadhan, Kuwait Petroleum Corporation (KPC)**  
 Deputy Managing Director, HSE & Corporate Risk Management

Dr. Mohammad A. Al-Ramadhan is the Deputy Managing Director for HSE & Corporate Risk Management and is also the Acting Deputy Managing Director for Research and Technology at Kuwait Petroleum Corporation (KPC). He is a staunch advocate of health and safety and his visionary leadership have seen HSE attain its due importance in the corporate policy of KPC. He has been a Member of the Board of Directors of Kuwait Oil Company for over 3 years. Dr. Al-Ramadhan has published many scientific papers in the areas of energy technologies, alternative energy resources and the environment. He holds a Ph.D. degree in Mechanical Engineering from the University of Michigan, USA.



**Ahmed Khalil, Bahrain Petroleum Company (BAPCO)**  
 Manager, Fire, Health & Safety Dept.

Ahmed Khalil has 25 years of experience in the area of H&S at BAPCO and has worked at some overseas refineries in USA, Australia and Singapore. He holds an MSc degree in Risk Management & Safety Technology at the Aston University, UK and also a Psg Diploma in Firesafety Engineering from University of Central Lancashire. Mr. Khalil has received a certificate in Foam System Engineering from Chubb National Foam training school, US and two certificates on Fire Prevention and Fire Commanders from the Fire Service College, UK. He is a respected member of various H&S dedicated committees at both local and international level.



**Ali Asseri, Saudi Aramco Shell Refinery Company (SASREF), Safety Superintendent**

Ali Asseri is currently the Safety Advisor for SASREF Senior Management with speciality in Safety Management, Risk Assessment, Behavioural Safety and Incident & Accident Investigation. Ali has over 23 years of experience in petroleum refineries process operation, HSE management and proficiency working with senior managers on leadership style and safety performance. He has witnessed first hand tragic results of poor management systems and unsafe behaviours. He introduced a Behavioural Based Safety Programme to SASREF, which resulted in a dramatic improvement to HSE performance; he then led the development of organisation Safety Culture with emphasis on setting corporate HSE Key Performance Indicators "KPIs", and continuous improvement.



**Mohd. Radzuan Yusof, Petronas Carigalli Sdn Bhd (PCSB)**  
 General Manager, HSE

Mohd Radzuan Yusof is a holder of Degree in Oceanography from Florida Institute of Technology Florida, (USA). He is currently the Head of Health, Safety & Environment, PETRONAS Carigalli Sdn Bhd (PCSB) and is duly responsible in formulating strategies and providing direction in managing HSE both in domestic and overseas ventures. Prior to his current appointment, he was the Senior Manager for Environment (PETRONAS Group) from 1990 – 2000. He had also served the Government Department of Environment, as an Environmental Control Officer for Marine Pollution from 1978 – 1990. He has participated and contributed in various National and International Organisations such as National Oil Spill Control Committee, IPIECA, OGP. He was one of the national representatives to the development of ISO 14000 Series of Environmental Management.



**Dr. Ahmad Salem, DuPont Safety Resources** Director

Dr. Ahmad Salem is the Director for DuPont Safety Resources responsible for Turkey, Middle East, North Africa & Pakistan. He has 15 years of experience in the field of QHSE in Europe & Middle East and is highly knowledgeable in HSE Management systems & Project Management. Dr. Salem is a Doctor in pharmacy and a certified Industrial Pharmacist by the Belgium and France Health Authorities.



**G. Udaya Bhaskar, Essar Oil**  
 General Manager, Environment

Mr. Udayabhaskar is the General Manager for the Environment Division in Essar Group and is responsible for overseeing the environmental compliance and regulatory permits for all activities of the group. He has experience of over two and half decades in the field of environmental impact assessment, environmental law & policy implementation and environmental monitoring for various industries. Mr. Bhaskar holds MSc. Degree in Chemistry (Andhra University) and has also completed his Masters in Environmental Engineering from IIT. He has published around 15 papers on various subjects on Environment Impact Assessment, Implementation of Environmental Law & Policies, Public participation and monitoring practices etc.



**Peter Watton, Technip**  
 Senior Vice President, HSE

Peter Watton brings 30 years Petrochemical industry experience that started in the exploration and production side of the business. 20 years ago he took on HSE and Quality management role and has been committed to it ever since. He is currently the Senior Vice President for HSE at the group level of Technip. He has held senior positions in QHSE on major construction, hook up and commissioning projects around the world, both on and offshore. He was the HSE lead for the Shell

## Meet Our Comprehensive Speaker Panel

Brent's redevelopment project for the Charlie and Delta platforms. He has worked in Asia, ME, North & South America as well as Europe. Peter developed an expertise in the development of Integrated Management systems and has held senior corporate roles, within the client and contracting communities, developing and implementing such systems.



**Shahzad Manzoor, Pakistan State Oil Company Ltd.,** General Manager HSE &SS

Mr. Shahzad Manzoor is presently working in PSO as General Manager, HSE& Security Services and is a member of Cross Functional Teams of PSO on Retail Construction, Procurement and Data Retention, Corporate Social Responsibility, etc. He has 22 years of experience in safety related assignments and is qualified for accident investigation from Fanbrough, Cranfield University, UK. He is a lead auditor in ISO 9001:2000, ISO 14001: 1994 and OSHA 18000 and is a respective member of various institutes and committees like Air Safety Investigation (USA), UN Clean Air Initiative Asia. Mr. Manzoor has been a Joint Secretary of Anti-Counterfeit/Infringement Forum since 2005.



**Bob Woodward**  
**Health & Safety Executive**  
Senior Investigation Manager

Mr. Bob Woodward has been working UK Health and Safety Executive for over 30 years. During this time he has obtained considerable experience in the field of chemicals control. Mr. Woodward has held a number of posts within the HSE relating to chemicals and explosives and chaired a number of international committees. Working as a member of HSE's Hazardous Industries Division, he was appointed the senior investigation manager leading investigations into 2 large scale Investigations: the explosion at the Conoco Humber Refinery in April 2001 and now the Buncefield investigation.



**Mohammad Salman Ghani, Supreme Council of Environment & Natural Reserve (SCENR)** Environmental Specialist

Mohammad Salman Ghani holds the M. Sc. Engineering degree (Environmental Engineering) from the same university with specialization in Wastewater. A second Masters (M. A. Sc. Engineering) was completed from the university of Toronto, Canada with specialization in Water Resources Engineering. Mr. Salman Ghani has worked in various consulting firms since 1995 and has varied experience in the field of Wastewater Engineering, Groundwater Remediation and Environmental Impact Assessment. Since 2004 he has been working for the Supreme Council for the Environment and Natural Reserves (SCENR) as an Environmental Specialist.



**Michael Wm. Parker, GE**  
Global EHS Leader, Oil & Gas

Michael Parker is General Manager of EHS for GE Oil & Gas. He is a global leader with 20 years of progressive experience, including 15 years with GE. In addition to operational EHS excellence, the EHS organization provides specialized leadership in the areas of Environmental Programs, Occupational Health & Safety, including Industrial Hygiene and Ergonomics; global Security initiatives; and Sustainability measures. He holds a bachelor's degree in chemistry/biology from the State University of New York College of Environment Science & Forestry, an affiliate of Syracuse University, and a master's degree in environmental management & policy from the Rensselaer Polytechnic Institute.



**Robert Hirst, Yemen LNG**  
Corporate HSSE Manager

Robert is presently the Corporate HSS&E Manager for the Yemen LNG Company, based in Sana'a. He manages all aspects of health, safety, environmental and social compliance for the Company, which currently employs 7000 people. Robert has 30 years experience in the energy industry, having worked in a variety of roles in Design, Engineering, Commissioning and Procurement, before moving into HSE, first as a part of the UK health & safety inspectorate, then latterly for Total E&P in the UK North Sea, before being expatriated to Yemen. Robert has a BSc Hons. in Engineering, a PGD in H&S management and a Masters Degree in Behavioral Psychology. He is married to Mary and has 3 children (Greg, Fiona & Felicity) and his main leisure interests are collecting rare books and riding motorcycles.



**Beven Schwaiger, Integrum Management Systems**  
Risk & Compliance Specialist

Beven Schwaiger, Risk & Compliance Specialist, has over 20 years experience as a lawyer and management consultant specialising in due diligence and compliance systems for HSE&Q management systems. Beven has assisted global organisations in implementing integrated risk and compliance management systems in accordance with international standards, working in Australia, North America and Asia Pacific.

As co-founder of the integrum group Beven has been at the forefront of software technology development in the area of integrated management systems for the last 11 years including specific application for the O & G industry.

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### Integrum

For over 11 years integrum has assisted corporations worldwide to integrate their management systems for Risk & Compliance, QHSE, and Corporate Governance.

integrum is used in operations in the Middle East, Europe, North America and Asia Pacific, with over 30,000 users and is rapidly becoming the global benchmark in integrated management systems software.

integrum has specific functionality tailored for the O&G industry, for Risk Assessment, Initial Incident Reporting, Potential Loss Categorization and Observation Cards all integrated with its closed loop CAR system and automated email notification and escalation processes

As a comprehensive Risk & Compliance Management system in the one application, integrum incorporates upside & downside (risk) planning, closed-loop CARs, stakeholder management, incident management, auditing, NCR management & controlled document management.

The integrum system is fully web browser enabled and also supports a rich client interface for distributed "power users" or a periodically disconnected mobile workforce.