



American Society Of Safety Engineers Kuwait Chapter

Report on Second HSE Conference & Exposition

October 20- 23 2002

American Society of Safety Engineers Kuwait Chapter organized the Second Professional Development Conference, Workshop, and Exposition on Health, Safety and Environment on October 22-23, 2002. This was second year in a row Kuwait saw the biggest congregation of engineers, scientists, managers and executives from the field of environment, health and safety. Though the event was national, speakers and other participants came from USA, UK, France, Germany, Qatar, Oman, Saudi Arabia and UAE. Although the venue, Al-Hashmi-II, Radisson SAS Hotel, was the same the event was bigger and extensive in all respect than the first one held at the same venue in May 2001.

Aimed to bring to focus environment, safety and health issues among professionals and executives in Kuwait the aptly chosen theme of the conference was "Towards Continuous EHS Development". This was to build over the gains made by the companies, bodies and individuals in Kuwait over the last few years.

THE INAUGURATION:

The grand inaugural function was held at 8.30 AM on 22 October 2002. Mr. Essa Al-Oun, Undersecretary, Ministry of Oil inaugurated the event with a speech read on behalf of Sheikh Ahamad Al-Sabah, Minister of Information and Acting Minister of Oil under whose patronage the event was held. Mr. Fadhel Al-Ali Chairman Conference Organizing Committee welcomed the guests and participants, while Mr. Mohammad Al-Ramadan, Manager SHE, Kuwait National Petroleum Co. hosted the session. In the first keynote address Mr. Nader Sultan, Deputy Chairman and Chief Executive Officer, Kuwait Petroleum Corporation gave an account of how Kuwait and KPC are committed to excellence in health, safety and environment issues. Dr. Talal H. Saklou, Vice President, M/s Saudi Arabian Texaco delivered the second key note address. About seventy guests, Directors, Managers, government officials, and 200 delegates, and other participants attended the session. Mr. Ujwal Ritwik, President of Kuwait Chapter of ASSE explained the activities of the chapter during last one year. He thanked all the guests, participants and all those who supported in organizing the event. He also mentioned how due to some bad luck Mr. James Skipper Kendrick, President Elect ASSE could not make it from USA. Immediately following the speeches Mr. Al-Oun inaugurated the exhibition of safety, environment and health held at the venue.

THE CONFERENCE

Held over two days, 22 and 23 October, the conference was divided in seven technical sessions where nineteen technical papers were presented. There was a good mix of the three fields environment, health and safety; local and foreign presenters. Different experts and professionals chaired each session. Topics covered in the conference are EHS Management, Human Factors, Environment, Fire and Explosion and Occupational Health

Altogether 220 delegates and other participants attended the conference. Highlights of the sessions are as following.

Technical Session I; 22 October 2002. 10:30 am –12 noon; Session Chair Mr. Mohd. Al-Fodari, Manager Loss Prevention Kuwait Oil Company.

How attention to human factors can improve process safety and profitability: insights from UK experience: *David Embrey & Jamie Henderson* Human Reliability Associates, Hampshire, UK
Saudi Arabian Texaco's health, environment & safety improvement process: *Izzat Al-Kotob & Ahmed Al-Yami* Operational Excellence/CSOC Champion, Saudi Arabian Texaco Inc.

Current and emerging issues in the marine environment of northern Arabian Gulf: *Abdul Nabi Al-Ghadban* Environmental Sciences Department, Kuwait Institute of Scientific Research, Kuwait

Technical Session II; 22 October 2002. 1:00 – 2.30 pm.; Session Chair Dr. Hassan Qabazard, Director Petroleum Research and Studies Center, Kuwait Institute of Scientific Research.

Planning Occupational Health Services. *Dr. Ahmed K. Al-Shatti & Dr. S. Madhava Rao*, Industrial Health Directorate, Shuiaba Industrial Clinic, Ministry of Health Kuwait

Environmental Management During emergencies: A case study. *Dr. Muralee Thummarukudy & Dr. Laks Akella*, Petroleum Development Oman.

A systematic approach to management of safety. *Mr. Abdulla M. Al-Ajmi*, Supdt. Fire & Security Shuaiba Refinery, KNPC, Kuwait Technical Session 22

Technical Session III; 22 October 2002. 2:45 – 3.45 pm; Session Chair Mr. Bader AL-Hajri, GS Loss Prevention Group, PIC, Kuwait

Role of Shuiba Industries to minimize waste. *Dr. Saleh Al-Muzaini*, Environmental Sciences Department, Kuwait Institute for Scientific Research.

Blast Resistant design for Hydrocarbon and Sensitive Facilities *Dr. Romeo B. Baylousis*, Military Works branch, KDF, Kuwait.

Technical Session I; 23 October 2002. 8:30-10.00 am; Session Chair Mr. Arif Al-Qattan, Manager HSE, Equate Petrochemicals, Kuwait

Influence of multi-facet human factors and their interaction in occupational safety analysis. *Dr. Yussef Haji Ali Mirza Sebzalli and Dr. Ezra Kam*, Petroleum Research Studies Center, Kuwait Institute of Scientific Research, Kuwait

Designing against explosions: Risk from accidental explosions in petrochemical plant – basis for prioritizing protection measures. *Dr. Geoff Chamberlain*, Principal Consultant, Shell Global Solutions, Cheshire Innovation Park, UK

Technical Session II; 23 October 2002. 10:30am – 12 noon; Session Chair: Capt Awad A.S. Saeed., Coordinator, Oil Spill Response, Kuwait Petroleum Corporation.

Integrated Approach for risk assessment and decontamination of petroleum solids. *Dr. Frank Haeseler and Dr. Pirre Le-Thiez*, French Petroleum Institute, Paris

OHSAS 18001 & ISRS Audit System as foundation of comprehensive EHS Management Systems. Mr. Mark Fisher, Project Team Leader, DNV Consultants, Kuwait (in place of Mr. Eddie Keddie, DNV,UK).

Additional Safeguards in Confined Space Entry *Mr. Srinivas Kumar Vaidyula*, Sr. Process Engineer, Kuwait Oil Company, Kuwait.

Technical Session III; 23 October, 2002. 1.00 – 2.30 pm; Session Chair Mr. Shabib Al-Ajmi, Manager HSE Kuwait Gulf Oil Co.

Risk and Hazard Management in Oil and Gas Industry *Dr. Steven D. Burtch*, Vice President, Global Client Fulfillment, Dupont, USA.

Case Study – Building a system of accident/incident investigation. *Mr. Kamal Musalmani and Mr. Lafi Al-Fehaid*, Equate Petrochemicals Company, Kuwait

Designing Fire Protection system for Oil and Gas Facilities. *Mr. G. Muthu Kumar*, Kuwait National Petroleum Co., Kuwait.

Technical Session IV; 23 October, 2002. 2.45 – 3.45 pm: Session Chair Mr. Khalil Mubarak, Manager HSE Fire & Security, Saudi Arabian Texaco Inc.

Management, control and toxic gas release prevention to the environment *Dr. Wolfgang J. May*, Dragger Safety, Lubeck, Germany .

QHSE Case Study – A web based information system. *Dr. Ibrahim El-Mahady*, Schlumberger Kuwait.

Mr. James Skipper Kendrick could not present his paper due to his wife's health problem. Mr. Mark Fisher presented the paper submitted by Mr. Eddie Keddie, DNV, UK. All other papers were presented by their original authors. Apart from high quality of papers good time keeping by various session chairs was remarkable.

PRE-CONFERENCE WORKSHOP ON HUMAN ERROR

As a part of the event a pre-conference workshop on Human Error issues was held on 20-21st October 2002. The workshop was conducted by Dr. David Embrey and Jamie Hendricks of Human Reliability Associates, Hampshire, UK. The workshop titled 'Human Factors in Process Safety' dealt with understanding and mitigation of human error in petroleum and process industry; predictive Human Error Analysis; and identifying and remedying compliance issues.

The Workshop was attended by 40 participants mainly from Oil companies. The topics covered generated high interest.

EXHIBITION

The event featured an exhibition of environment, safety, fire fighting, gas detection, equipment and services. Several companies came from overseas and some were represented by their local agents. The exhibition was open to interested public between 2 to 5 pm, while conference delegates and guests were free to visit any time between 8.30 am to 5 pm. About 500 people visited the exhibition. The companies participated in the exhibition are:

1. Al-Maillem Oilfield Industrial Equipment Company
2. American Society of Safety Engineers – Kuwait Chapter
3. Consolidated Contractors Company

4. Dupont Products S.A.
5. Equate Petrochemical Company
6. Granspec Company
7. Gulf Safety & Fire Protection Services Company.
8. Integrated Environmental Solutions Company
9. KSRC – Emirates Industrial Laboratory, Dubai
10. Kuwait British Factory
11. Kuwait National Petroleum Co.
12. Kuwait Oxygen & Acetylene Company
13. Kuwait Petroleum Corporation
14. Mahatta Trading Company
15. Integrated Environmental Solution Company.
16. Safer Systems U.K.
17. Shell Global Solutions – Arabi Enertech Company
18. The Institution of Engineers (India) – Kuwait Chapter
19. YIACO Medical Systems

PUBLICATIONS

Apart from several flyers and promotion material the conference organizers published a souvenir giving the program, congratulatory messages and synopsis of technical papers. The proceedings were published both in book form and electronic form on a CD.
